City of Seattle Source Control Implementation Plan

Volume 3: Appendices

May 12, 2016

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Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Compliand	Ce	
30a	C10	WGM Jeweler Company	301 23rd Ave S	Open	Jewelry Stores	N	12/12/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	C11	Garfield High School	400 23RD AVE	Open	Elementary and Secondary Schools	N	03/25/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	E5	Bailey Gazert Elementary School	1301 E Yesler Wy	Open	Elementary and Secondary Schools	N	11/18/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	E7	Ted's Auto Repair	1622 E YESLER WAY	Closed	General Automotive Repair Shops	N N	02/15/08	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	E7	Nikkei Concerns	1601 E Yesler Wy	Open	Intermediate Care Facilities	N	07/19/13	Initial N Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	F10 F10	Chiles & Company Property Management Community House Mental Health Agency	2212 S Jackson St 2212 S JACKSON ST	Closed Open	Individual and Family Social Services	N N	12/12/03 02/17/15	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	F10	Seattle Vocational Institute	2120 S Jackson St	Open	Junior Colleges and Technical Institutes	N N	03/29/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	F10	Papa Teriyaki	2200 S Jackson St	Open	Eating Places	N	09/16/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	F11	Walgreen Store # 03632	2400 S Jackson St	Open	Miscellaneous Retail Stores, NEC	N	12/29/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	F11	Starbucks Coffee Company	2300 S Jackson St	Open	Eating Places	N	09/12/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	F11	Papa Murphy's Pizza	306 23RD AVE S	Open Open	Eating Places	N N	10/25/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	F11	AutoZone #4121 Beverly Nails	306 23rd Ave S 306 23rd Ave S	Open	Not in Licensing Database Beauty Shops	N N	12/22/11	Followup Y Screening Y	Diagonal Ave S CSO/SD	Separated
30a 30a	F11 F11	Weingarten Realty	303 24th Ave S	Open Open	Real Estate Agents and Managers	N N	09/12/03 12/16/11	Screening Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	F11	Promenade 23 Shopping Center	306 23rd Ave S	Closed	Grocery Stores	N	12/10/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	F11	Brooklyn Beaute Salon	306 23rd Ave S	Open	Beauty Shops	N	09/12/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	F11	Safeco	306 23rd Ave S	Open	Insurance Agents, Brokers, and Service	N	08/08/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	F11	Magic Dragon Chinese Eatery	306 23rd Ave S	Open	Eating Places	N	11/29/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	F11	Catholic Community Services of King County	100 23rd Ave S	Open	Job Training and Vocational Rehabilitation Services	N	12/08/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	F6	Mi So 1	1400 S Jackson St	Closed	Eating Places	N	09/16/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a 30a	F6	Rainier Occupational Medical Center Boy Boy's Salon	1400 S Jackson St 1400 S Jackson St	Open	Offices and Clinics of Doctors of Medicine Beauty Shops	N N	09/09/03 03/05/15	Screening Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	F6	Island Detail	308 14th Ave S	Open Open	Automotive Services, Except Repair and Carwashes	N N	11/03/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	F7	Seafood Products Association	1600 S JACKSON ST	Open	Testing Laboratories	N	12/16/14	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	F7	Corner Store & Deli	1720 S JACKSON ST	Open	Eating Places	N	04/09/13	Audit Y	Diagonal Ave S CSO/SD	Separated
30a	F7	R&K Foods, Inc.	1440 S JACKSON ST	Closed	Groceries, General Line	N	09/10/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	F7	Essential Foods	1440 S JACKSON ST	Closed	Food Preparations, NEC	N	09/04/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	F7	The Field Roast Grain Meat Co.	1440 S Jackson St	Closed	General Contractors - Industrial Buildings and Warehouses	N N	11/22/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	F8 F8	City Art Works at Pratt Fine Arts Center Kawabe Memorial House	1902 S MAIN ST	Open	Miscellaneous Retail Stores, NEC	N N	12/19/13	Followup Y Initial N	Diagonal Ave S CSO/SD	Separated Separated
30a 30a	G10	Washington Middle School	221 18TH AVE S 2101 S Jackson St	Open Open	Individual and Family Social Services Elementary and Secondary Schools	N N	04/18/14 06/11/14	Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep. Separated
30a	G10	Fatou Braider	2202 S Jackson St	Open	Beauty Shops	N N	09/16/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G10	1594 Club	2204 S Jackson St	Open	Membership Sports and Recreation Clubs	N	09/16/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G11	Rent-A-Center	2301 S JACKSON ST	Closed	Miscellaneous Retail Stores, NEC	N	09/03/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Cellular Northwest LLC	2301 S Jackson St	Open		N	01/05/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Jackson Cleaners	2301 S Jackson St	Open	Garment Pressing, and Agents for Laundries and Drycleaner	N	02/10/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Bank of America	2301 S Jackson St	Open	Federal Reserve Banks	N N	08/05/03	Screening Y Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	G11 G11	Promenade Red Apple Market Toure Apparel	2301 S Jackson St 2301 S Jackson St	Open Open	Grocery Stores Family Clothing Stores	N N	05/04/11 01/05/11	Followup Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	G11	NW School of Karate	2301 S Jackson St	Open	Individual and Family Social Services	N	01/05/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Douglas Insurance	2301 S Jackson St	Open	Not in Licensing Database	N	01/05/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	G11	East African Imports	2301 S Jackson St	Open	Gift, Novelty, and Souvenir Shops	N	01/05/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Joy Unlimited	2301 S Jackson St	Open	Not in Licensing Database	N	01/05/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Subway	2301 S Jackson	Open	Eating Places	N	01/14/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	G11	Promenade 23 Shopping Center	2301 S Jackson St	Open Open	Not in Licensing Database	N	03/09/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G11 G11	Western Beauty Supply Taco Del Mar	2301 S Jackson St 2301 S Jackson St	Open	Miscellaneous Retail Stores, NEC Eating Places	N N	01/05/11 01/05/11	Screening Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30a 30a	G11	Bank of America	2301 S Jackson St	Open Open	Federal Reserve Banks	N N	01/05/11	Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	G4	Upgrade Auto Service	520 12th Ave S	Closed	General Automotive Repair Shops	N	01/03/11	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G5	Takisaki Inc.	1312 S Weller St	Open	Contrar / tatornotive / topan enope	N	12/01/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	G5	King's Oriental Foods Co. Ltd	1238 S Weller St	Open	Business Services, NEC	N	12/10/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	G5	Kim Ling Investment Co.	1222 S Weller St	Open	Not in Licensing Database	N	02/11/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	G5	Golden Pheasant Foods, LLC	1222 S Weller St	Closed	Groceries and Related Products, NEC	N	08/13/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	G5	Concept Asia Food Services LLC	1222 S Weller St	Open	Food Preparations, NEC	N	04/20/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	G5 G5	Kukuruza Popcorn CMARR	1214 S WELLER ST 1216 S Weller St	Open	Potato Chips, Corn Chips, and Similar Snacks General Automotive Repair Shops	N N	06/17/14 02/17/12	1 Ollottup	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30a 30a	G5 G5	Royal Glass Co., Inc.	1216 S Weller St	Open Open	Paint, Glass, and Wallpaper Stores	N N	12/10/10	Followup Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	G6	Sun Sun Oriental Food Co.	1328 S Weller St	Open	Groceries, General Line	N N	12/10/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G6	Chau's Complete Auto Repair	509 Rainier Ave S	Open	Business Services, NEC	N	01/25/11	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G6	Nguyen Chiropractic	502 Rainier Ave S	Open	Offices and Clinics of Health Practitioners, NEC	N	08/28/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	G6	Service Welding and Machine	1435 S Jackson St	Open	Welding Repair	N	09/10/12	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G6	Shed Seattle LLC	1401 S Jackson St	Open	General Contractors - Single-Family Houses	N N	10/15/10	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G7	1-World Globes & Maps, LLC	1605 S Jackson St	Open	Catalog and Mail-Order Houses	N N	01/04/12	Followup Y	Diagonal Ave S CSO/SD	Separated Separated
30a	G8	LC Jergens Painting Co., Inc Seattle Farm Co- Operative	417 18th Ave S 1817 S Jackson St	Open	Painting and Paper Hanging Not in Licensing Database	N	11/04/13	Initial Y	Diagonal Ave S CSO/SD	Part. Sep. Separated
30a	G8			Open		N	09/07/12	Followup Y	Diagonal Ave S CSO/SD	

Table A-1: Business inspections.

Map Number	Grid Number	DBAName	Address	Status	Description	NPDES	Last Visit Date	Last Visit Type In Complian	Outfall	Sewer Class
Number	Number						Date	Compilan	<u></u>	
30a	G8	Vans Metal Spinning	1819 S Jackson St	Open	Metal Stampings, NEC	N	02/17/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G9	Gai's Northwest Bakeries	2006 S WELLER ST	Closed	Bread and Other Bakery Products, Except Cookies and Cracl	N	11/03/03	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	G9	Franz Family Bakeries	2006 S Weller St	Open	Groceries and Related Products, NEC	N	12/16/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G9	Moonlight Cafe	1919 S JACKSON ST	Open	Eating Places	N	07/08/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	G9 	Seven Star Mini Mart Northwest Tofu Inc	1917 S Jackson St 1911 S Jackson St	Open Open	Grocery Stores	N N	02/10/12 02/10/12	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Part. Sep.
30a 30a	H11	Seattle Central Community College - Wood Techno		Open		N N	03/04/13	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	H5	Seattle Goodwill	1400 S Lane St	Open	Job Training and Vocational Rehabilitation Services	N	10/24/14	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	H5	Mar Properties	1225 S Weller St	Open	General Contractors - Nonresidential Buildings, Other than In	N	10/08/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	H5	Seattle Indian Health Board	606 12th Ave S	Open	Offices and Clinics of Doctors of Medicine	N	08/15/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	H5	The Seattle Indian Services Commission	606 12th Ave S	Open	Individual and Family Social Services	N	08/01/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	H6	West Coast Printing	622 Rainier Ave S	Open Open	Commercial Printing, NEC	N N	10/23/12	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	H7	Mi La Cay	718 Rainier Ave S	Open	Eating Places	N N	12/11/13	Followup Y	Diagonal Ave S CSO/SD	Separated Separated
30a 30a	H7 H7	Vietnam's Pearl Tea Garden	708 Rainier Ave S 708 Rainier Ave S	Closed Open	Eating Places Not in Licensing Database	N N	01/15/04 03/20/12	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep. Part. Sep.
30a	H7	Granite Pro	700 Rainier Ave S	Open	Lumber and Other Building Materials Dealers	N N	03/20/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	H7	Rainier Long Term Care	1600 S Lane St	Open	Real Estate Agents and Managers	N	08/29/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	l11	Design Engineering	800 23rd Ave S	Open	Engineering Services	N	08/26/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	l11	Parnely Mini Mart	722 23RD AVE S	Open	Grocery Stores	N	08/26/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	l12	Leon Sullivan Health Care Center	2611 S Dearborn St	Open	Skilled Nursing Care Facilities	N	05/31/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	l13	Seattle Housing Authority - Housing Operations Fa	cility 810 M L KING JR WAY S	Open	Facilities Support Management Services	N	05/15/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	16	Color Graphics Inc.	1421 S Dean St	Open	Commercial Art and Graphic Design	Y	08/28/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	16	Ralph's Concrete Pumping	816 Poplar PI S	Open	Concrete Work	N	08/09/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	<u> </u>	Yuen Lui Studio	1407 S DEARBORN ST	Open	On an area fold Defection of the amount of	N	10/09/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	16	The Color Group Watermark Press	1407 S Dearborn St 1407 S Dearborn St	Closed Closed	Commercial Printing, Lithographic Books: Publishing, or Publishing and Printing	N N	11/05/03 09/13/07	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	16	Kellan's Motor Works	1501 S Dearborn St	Open	General Automotive Repair Shops	N N	06/17/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	16	Top Kitchen and Granite	1423 S Dearborn St	Closed	Wood Kitchen Cabinets	N	11/09/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	16	Great Sun Corp	1421 S Dearborn St	Open	Nondurable Goods, NEC	N	09/25/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	17	Emerald City Cleaners	850 Rainier Ave S	Open	Drycleaning Plants, Except Rug Cleaning	N	03/06/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	17	Seattle's Central Bark	838 Poplar PI S	Open	Business Services, NEC	N	07/30/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	17	Maurer Supply	843 Rainier Ave S	Open	Commercial Equipment, NEC	N	12/03/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	17	Shell #111	852 Rainier Ave S	Open	Gasoline Service Station	N	09/28/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	<u> 17</u>	SME Electrical Contractors	828 Poplar PI S	Open	Electrical Work	N N	03/29/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	<u> 17</u>	Bush Woodcraft	841 RAINIER AVE S	Closed	Millwork Eating Places	N N	11/15/07	Followup Y Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	<u> </u>	Stan's Hamburgers Rainier Veterinary Hospital	828 RAINIER AVE S 815 Rainier Ave S	Closed Open	Veterinary Services for Animal Specialties	N N	08/28/07 02/07/11	Followup Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	17	Great Sun Restaurant Equipment & Supplies	812 Rainier Ave S	Closed	Nondurable Goods, NEC	N	09/04/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	17	Puget Sound Solar	805 RAINIER AVE S	Open	Business Services, NEC	N	09/11/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	17	Bendokas Painting Company, Inc.	805 Rainier Ave S	Closed	Painting and Paper Hanging	N	11/17/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	17	Choung Mei Corp.	801 Rainier Ave S	Open	Groceries and Related Products, NEC	N	08/14/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	17	Hong Yi Gift Shop	807 Rainier Ave S	Open	Services, NEC	N	08/27/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	<u> 17</u>	Quorum Property Management	807 RAINIER AVE S	Open	Real Estate Agents and Managers	N	12/03/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	<u> 17</u>	Linh Beauty Salon	808 Rainier Ave S	Open Open	Beauty Shops	N	09/04/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	<u> </u>	Pho-Banh Mi Sai Gon Budd & Co.	810 Rainier Ave S 800 Rainier Ave S	Open	Eating Places General Automotive Repair Shops	N N	09/04/03 12/27/10	Screening Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Part. Sep.
30a 30a	1/ J5	Pacific Tower	1200 12th Ave S	Open Open	Book Stores	N N	03/13/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J5	Pacific Medical Centers	1200 12th Ave S	Open	Offices and Clinics of Doctors of Medicine	N	09/24/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J5	Wright Runstad & Company	1200 12th Ave S	Open	Land Subdividers and Developers, Except Cemeteries	N	10/30/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	J6	Summit Radiology	861 Poplar PI S	Open	Offices and Clinics of Doctors of Medicine	N	09/11/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J6	Washington State Department of Corrections	851 Poplar PI S	Open		N	08/21/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	J7	Seattle Self Storage	1100 Poplar PI S	Open	Services, NEC	N	11/15/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J7	Emmanuel's Inc.	1105 Rainier Ave S	Closed	Carpet and Upholstery Cleaning	N	08/28/07	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J7	Glassworks	927 Rainier Ave S	Open	Pressed and Blown Glass and Glassware, NEC	N	03/31/11	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	J7	Loudeye Professional Marketing Group	1130 Rainier Ave S	Closed	Operators of Nonresidential Buildings	N N	09/17/03	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a 30a	J7 J7	Professional Marketing Group Northwest Publishing Center	912 Rainier Ave S 1710 S Norman St	Open Closed	Household Appliance Stores Miscellaneous Publishing	N N	09/02/03 12/17/03	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep. Separated
30a		Puget Sound Blood Center	924 Poplar PI S	Closed	Health and Allied Services, NEC	N N	09/03/03	Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30a		Skanska USA Building Inc.	900 Poplar PI S	Open	General Contractors - Nonresidential Buildings, Other than In	N	08/07/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	J7	Center For Career Alternatives	901 Rainier Ave S	Closed	Social Services, NEC	N	05/29/07	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	J7	Pollos A La Brasa	900 RAINIER AVE S	Open	Eating Places	N	11/05/13	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	J7	KDL Hardware Supply	850 POPLAR PL S	Open	Hardware Stores	N	09/25/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J7	Recycling Depot	851 RAINIER AVE S	Open	Scrap and Waste Materials	Υ	08/11/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	J8	Cascade Fuel Oil Distributing Company	925 Hiawatha PI S		Fuel Oil Dealers	N	02/17/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	K7 K7	Plantscapes Horticultural Services	1127 POPLAR PL S	Open	Florists	N	02/02/15	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
	w /	Sprague Pest Solutions	1136 Poplar PI S	Open	Disinfecting and Pest Control Services	N	07/09/13	Followup Y	Diagonal Ave S CSO/SD	Separated

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES		Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Complianc	e	
30a	K7	Big Leaf Manufacturing Co.	1128 Poplar PI S	Open	Wood Household Furniture, Except Upholstered	N	03/22/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	K7	Saltaire Construction	1132 Poplar PI S	Open	General Contractors - Single-Family Houses	N	08/06/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	K8	Trig Electric Service, Inc.	1121 Rainier Ave S	Open	Electrical Work	N	08/23/13	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	L15	SoundWinds/Air Arts	1400 31ST AVE S	Open	Miscellaneous Retail Stores, NEC	N N	03/10/04	Screening Y Screening Y	Diagonal Ave S CSO/SD	Separated
30a 30a	L15 M14	Artemis Gallery That's Amore	3107 S Day St 1425 31ST AVE S	Open Open	Museums and Art Galleries	N N	03/10/04 03/10/04	Screening Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	M14	Edifice Construction Company Inc.	1417 31st Ave S	Open	General Contractors - Nonresidential Buildings, Other than In	N N	03/10/04	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	M9	Oberto Sausage Company	1715 Rainier Ave S	Open	Meat and Fish	N	03/04/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	M9	Toshios Teriyaki	1706 RAINIER AVE S	Open	Eating Places	N	03/29/13	Audit Y	Diagonal Ave S CSO/SD	Separated
30a	M9	Valley Gear & Transmission, Inc.	1543 Rainier Ave S	Open	Automotive Transmission Repair Shops	N	01/06/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	M9	Ca-Rem #1 Oriental Ice Cream	1529 Rainier Ave S	Open	Confectionery	N	10/21/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	M9	Ralph's Concrete Pumping	1511 Rainier Ave S 1818 Rainier Ave S	Open	Concrete Work	N N	08/23/13	Followup Y Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a 30a	N10 N10	Dere Auto Seattle Children's Play Garden	1745 24TH AVE S	Open Open	General Automotive Repair Shops Elementary and Secondary Schools	N N	12/22/11 07/16/14	Followup Y Self-Cert Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	N6	JAE Awards	1775 15th Ave S	Open	Miscellaneous Retail Stores, NEC	N N	10/13/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	N9	Twinline Motorcycles LLC	2106 S Holgate St		Used Merchandise Stores	N	06/06/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	N9	A-1 Auto Repair & Towing, Inc.	1821 Rainier Ave S	Open	General Automotive Repair Shops	N	04/20/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	N9	Speedway Auto and Truck LLC	1801 RAINIER AVE S	Open	General Automotive Repair Shops	N	04/26/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	N9	Speedway Collision Service Center	1801 Rainier Ave S	Closed	Automotive Exhaust System Repair Shops	N	11/09/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	N9	BUD's Muffler City Inc.	1801 RAINIER AVE S	Closed	General Automotive Repair Shops	N N	02/03/04	Initial Y	Diagonal Ave S CSO/SD	Separated
30a 30a	N9 N9	Davis Door Service, Inc. Lucky 1 International Trading Inc.	2021 S Grand St 2105 S Grand St	Open	Carpentry Work Fish and Seafoods	N N	03/15/13 10/22/03	Screening Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	N9	Stewart Lumber Co.	1761 Rainier Ave S	Open Open	Lumber and Other Building Materials Dealers	N N	10/22/03	Initial Y	Diagonal Ave S CSO/SD	Infiltration
30a	N9	Seattle Collision Center	1752 Rainier Ave S	Open	Earnbor and Other Ballating Materials Bodiers	N	03/08/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	N9	Allied Furniture Clinic	1716 21st Ave S	Open	Reupholstery and Furniture Repair	N	07/08/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	O10	Burger King - Rainier	2021 Rainier Ave S	Open	Eating Places	N	02/01/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	O10	7 Eleven Store # 2360-24497C	2009 Rainier Ave S	Open	Grocery Stores	N	12/08/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	010	L & K Holdings LLC	2000 23rd Ave S	Open	Not in Licensing Database	N	12/22/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	O10	Budget Batteries	2006 Rainier Ave S	Open	Auto and Home Supply Stores	N N	08/30/10	Initial Y Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	O10 O10	Arctic Ice Cream Novelties Concepts in Wood	1901 23RD AVE S 1915 Rainier Ave S	Closed Open	Ice Cream and Frozen Desserts Furniture Stores	N N	03/03/04 10/14/03	Followup Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	010	Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Open	Aircraft Parts and Auxiliary Equipment, NEC	Y	10/09/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	011	American Red Cross	1900 25th Ave S	Open	7 morant Fano and 7 taxinary Equipmont, 1420	N.	02/24/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	012	Amy Yee Tennis Center	2000 Martin Luther King Jr Wy S	Open	Business Services, NEC	N	09/16/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	O9	JCE Inc.	2021 22ND AVE S	Open	General Farms, Primarily Crop	N	11/24/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	09	Rainier Development Group LLC	2021 22ND AVE S	Open	Not in Licensing Database	N	10/28/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	O9	Xtracted Laboratories 502 Inc.	2021 22ND AVE S	Open	Pharmaceutical Preparations	N N	10/28/14	Followup Y Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	O9 O9	Ballard Organics Dilettante Chocolates	2028 21st Ave S 2021 22nd Ave S	Closed Closed	Soaps and Other Detergents, Except Specialty Cleaners Candy, Nut, and Confectionery Stores	N N	10/21/10 11/17/10	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	09	C & G Wines	2021 2210 Ave S 2028 21st Ave S	Open	Wine and Distilled Alcoholic Beverages	N N	11/17/10	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	09	Borracchini Foods	2001 S PLUM ST	Open	Refrigerated Warehousing and Storage	N	10/24/13	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	09	Eagle Bar & Restaurant Supply	2001 S Plum St	Closed	Nondurable Goods, NEC	N	11/14/03	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	O9	Abodian	2024 21ST AVE S	Open	Wood Kitchen Cabinets	N	05/16/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	09	ABM Parking Services Inc.	2001 22ND AVE S	Open	Automobile Parking	N	03/21/13	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	<u> </u>	ABM Janitorial Services Northwest	2001 22ND AVE S	Open	Building Cleaning and Maintenance Services, NEC	N N	04/26/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	O9 O9	KP Corporation Oriental Meats	2001 22ND AVE S 2001 21st Ave S	Closed Open	Meat and Meat Products	N N	11/14/03 11/14/03	Screening Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep. Part. Sep.
30a	O9 O9	Skeeter's Auto Rebuild, Inc.	2104 S Plum St	Open	General Automotive Repair Shops	N	06/03/09	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	09	US Filter	1910 21ST AVE S	Closed	Miscellaneous Retail Stores, NEC	N	10/10/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	09	Servpro	1915 21ST AVE S	Closed	Business Services, NEC	N	04/19/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	O9	Cash & Carry #583	1915 21st Ave S	Open	Groceries, General Line	N	06/02/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	09	Kusak Cut Glass Works, Inc.	1911 22nd Ave S	Open	Glass Products Made of Purchased Glass	N	10/14/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	09	Bokrosh Studio	1905 22nd Ave S	Open	Pressed and Blown Glass and Glassware, NEC	N	11/19/10	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	<u> </u>	Night Star Beauty	1901 22nd Ave S	Open	Beauty Shops General Automotive Repair Shops	N N	10/14/03	Screening Y Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	P10 P10	Y&M Auto Repair Best Auto Repair Center	2114 22ND AVE S 2114 22nd Ave S	Closed Open	Not in Licensing Database	N N	11/06/09 08/09/12	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	P10	M&M Auto Repair	2116 22nd Ave S	Open	General Automotive Repair Shops	N N	07/10/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	P10	Nguyen's Pharmacy	2120 Rainier Ave S	Open	Drug Stores and Proprietary Stores	N	09/24/10	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	P10	Atlantic Veterinary Hospital	2115 23rd Ave S	Open	Veterinary Services for Animal Specialties	N	09/14/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	P10	Aamco Transmission	2107 23rd Ave S	Open	General Automotive Repair Shops	N	05/06/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	P10	Hui-Intertrading Inc.	2100 22nd Ave S	Open	Groceries, General Line	N	12/22/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	P10	Grease Monkey #481	2101 23rd Ave S	Open	Automotive Services, Except Repair and Carwashes	N N	05/06/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	P11 P11	Taco Time Parent Trust for Washington Children	2212 Rainier Ave S	Open	Eating Places	N N	03/15/11	Followup Y	Diagonal Ave S CSO/SD	Separated Separated
30a 30a	P11	Cramer Inspection Services	2200 RAINIER AVE S 2411 S Walker St	Open Closed	Business Services, NEC	N N	06/30/14 05/26/04	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
Jua		People of Color Against Aids Network	2200 Rainier Ave S		Social Services, NEC	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	P11	reopie di Coloi Adairist Alds Network		Open	Social Services, INEC	IN	10/05/03	ocieciniu i	Diagonal Ave 3 CCC/SD	Separateu

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES		Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Complianc	e	
30a	Q11	Rainier McDonald's #435	2336 25th Ave S	Open	Eating Places	N	03/03/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	Q11	Subway	2338 Rainier Ave S	Open	Eating Places	N	01/26/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	Q11	Mutual Fish Co. Inc.	2335 Rainier Ave S	Open	Canned and Cured Fish and Seafoods	N	11/21/14	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a	Q11	Payless Shoe Source	2326 RAINIER AVE S	Closed	Shoe Stores	N	01/28/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	Q11	Rainier Chiropractic	2326 Rainier Ave S	Open	Offices and Clinics of Chiropractors	N	01/26/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	Q11	Christine Pham	2326 Rainier Ave S	Open	Not in Licensing Database	N	04/20/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a 30a	Q11 Q11	Galaxy Specialty Co. Liberty Sidecars	2329 Rainier Ave S 2310 Rainier Ave S	Closed Open	Nondurable Goods, NEC Local Trucking With Storage	N N	10/23/03 01/27/12	Initial Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	Q11	Ishimitsu & Sons Inc.	2304 Rainier Ave S	Closed	General Contractors - Nonresidential Buildings, Other than In	N	01/27/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	Q11	Remo Borracchini's Bakerv	2307 Rainier Ave S	Open	Retail Bakeries	N	03/05/15	Initial N	Diagonal Ave S CSO/SD	Separated
30a	Q12	The Pepsi Bottling Group	2300 26th Ave S	Closed	Groceries and Related Products, NEC	Y	03/29/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	Q6	Lee's Hair Salon	2356 15th Ave S	Open	Beauty Shops	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	Q6	Fidelity Accounting Tax Service	2356 15th Ave S	Open	Accounting, Auditing, and Bookkeeping Services	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	Q6	Milton Lew Insurance Agency	2356 15th Ave S	Open		N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R11	Emerald Paving, Inc.	2547 RAINIER AVE S	Closed	Highway and Street Construction, Except Elevated Highways	N	01/23/04	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30a 30a	R11 R11	Deeny Construction Co. Inc. Wendy's Old Fashioned Hamburgers #1556	2545 Rainier Ave S 2543 Rainier Ave S	Open Open	Water, Sewer, Pipeline, and Communications and Power Line Eating Places	N N	01/06/11 03/03/11	Initial Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	R11	U-Haul Center of Rainier	2515 Rainier Ave S	Open	Truck Rental and Leasing Without Drivers	N	04/16/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	R11	All City Fence Co.	2345 RAINIER AVE S	Closed	Lumber and Other Building Materials Dealers	N	12/03/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	R11	Bartell Drugs #63	2345 RAINIER AVE S	Open	Drugs, Drug Proprietaries, and Druggists Sundries	N	11/04/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	R6	The Chop House	2552 Beacon Ave S	Open	Beauty Shops	N	10/14/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R6	Philippine Remittance Services	2544 Beacon Ave S	Open	Business Services, NEC	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R6	Robin's Hair Salon or Philippine Video Plaza	2544 Beacon Ave S	Open	Beauty Shops	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R6	Kumon Math & Reading Service	2531 16th Ave S	Open	Schools and Educational Services NEC	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R6 R6	La Cabana Restaurant La Bodeguita	2532 Beacon Ave S 2528 Beacon Ave S	Open Open	Eating Places	N N	10/09/03 10/09/03	Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a 30a	R6	Lucky Money	2528 Beacon Ave S	Open	Services Allied With the Exchange of Securities or Commodit	N	10/09/03	Screening Y Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R6	Travelers	2524 BEACON AVE S	Open	Eating Places	N N	04/10/13	Audit Y	Diagonal Ave S CSO/SD	Separated
30a	R6	Kevin Tran's Tailoring	2520 Beacon Ave S	Open	Zating Fidoso	N	10/09/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	R6	El Delicioso	2500 BEACON AVE S	Open		N	04/22/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	R6	Beacon Market	2500 Beacon Ave S	Open	Groceries, General Line	N	06/03/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	R7	Taqueria Latino	2524 16TH AVE S	Open		N	10/30/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	R7	El Sabroso	2524 16th Ave S	Open	Eating Places	N	10/23/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	R7	El Centro de la Raza	2524 16th Ave S	Open	Social Services, NEC	N	12/16/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	S11 S11	Rainier Plaza #2 LLC QFC #849	2707 Rainier Ave S 2707 Rainier Ave S	Open Open	Real Estate Agents and Managers Grocery Stores	N N	10/21/10 01/23/13	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a 30a	S11	Rite Aid #5224	2707 Rainier Ave S 2707 Rainier Ave S	Open	Drug Stores and Proprietary Stores	N	11/15/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	S12	Amazon.com	2646 Rainier Ave S	Open	Book Stores	N	12/15/14	Self-Cert Y	Diagonal Ave S CSO/SD	Separated
30a	S12	Lowes Home Improvement Warehouse	2700 Rainier Ave S	Open	Hardware Stores	N	05/06/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	S13	Krispy Kreme Doughnuts	2822 S MCCLELLAN ST	Closed	Ice Cream and Frozen Desserts	N	10/10/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	S13	Mount Baker Cleaners	2864 S Mc Clellan St	Open	Garment Pressing, and Agents for Laundries and Drycleaner	N	11/14/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	S14	International Sign	2914 S MCCLELLAN ST	Open	Signs and Advertising Specialties	N	10/14/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	S6	South China Restaurant	2714 Beacon Ave S	Open	Eating Places	N	10/20/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	S6 T10	King's BBQ House Blaine Memorial United Methodist Church	2710 Beacon Ave S	Open	Eating Places	N N	10/20/03	Screening Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30a 30a	T11	DSHS	3001 24th Ave S 2809 26th Ave S	Open Open	Religious Organizations General Government, NEC	N N	11/27/13 06/15/04	Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	T12	Firestone	2915 RAINIER AVE S	Closed	General Automotive Repair Shops	N	01/08/08	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Kings Hall	2929 27TH AVE S	Open	Contrain (Contrains (Copail Chape	N	04/18/14	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	T12	University of Washington Consolidated Laundry	2901 27th Ave S	Open	Linen Supply	N	12/23/13	Self-Cert Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Rainier Grocery Outlet	2901 27th Ave S	Closed	Grocery Stores	N	05/12/08	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T12	US Bank	2910 Rainier Ave S	Open	Federal Reserve Banks	N	03/04/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T12	KFC	2822 RAINIER AVE S		Eating Places	N	10/10/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a 30a	T12 T12	Pawn X-Change St. Vincent de Paul #8	2825 Rainier Ave S 2825 Rainier Ave S	Open Closed	Used Merchandise Stores Furniture Stores	N N	04/20/11 10/22/03	Followup Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	T12	Rainier Ave Chevron	2802 Rainier Ave S	Open	Gasoline Service Station	N N	01/06/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Thai Recipe	2609 S MCCLELLAN ST	Open	Eating Places	N	10/08/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Salon 206	2603 S MCCLELLAN ST	Open	Beauty Shops	N	10/08/13	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Paradise Studio	2607 S Mc Clellan St	Closed		N	10/22/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Hair Salon	2603 S Mc Clellan St	Open		N	10/22/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30a	T12	JSH Properties Inc.	2601 S Mc Clellan St	Open	Real Estate Agents and Managers	N	11/06/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T12	Pizza Hut	2601 S Mc Clellan St	Closed	Eating Places	N	10/22/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	T12	O'Reilly Auto Parts	2805 Rainier Ave S	Open	Auto and Home Supply Stores	N N	01/06/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T13 T13	Starbucks Coffee Company Pho Nuong	2921 Martin Luther King Jr Wy	Open	Eating Places Eating Places	N N	04/20/11 01/12/04	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a 30a	T13	Fast Rabbits	2826 Martin Luther King Jr Wy S 2822 Martin Luther King Jr Wy S	Open Open	Eating Places Eating Places	N N	01/12/04	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
	1 10							1 Ollowap 1		
30a	T13	Nieder MFG Co	2814 Martin Luther King Jr Ave S	Open	Real Estate Agents and Managers	N	04/08/11	Followup Y	Diagonal Ave S CSO/SD	Separated

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	7 P	Outfall	Sewer Class
Number	Number						Date	Complian	ce	
30a	T13	Vu's Automotive	2800 M L KING JR WAY S	Closed	Automotive Repair Shops, NEC	N	03/18/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T13	Mount Baker Auto Care Detail Enterprises	2800 Martin Luther King Jr Wv S	Open	Carwashes	N	09/06/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	T13	Martin Luther King 76	2801 Martin Luther King Jr Wy S	Open	Gasoline Service Station	N	03/27/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	T7	Taqueria Los Primos	3002 Beacon Ave S	Closed	Direct Selling Establishments	N	10/21/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	T7	C & C Food Store	3002 Beacon Ave S	Open	Miscellaneous Food Stores	N	02/10/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30a	U12	Buck & Buck Designs	3111 27TH AVE S	Open	Family Clothing Stores	N	10/24/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30a 30a	U12 U12	Priya's Auto Center 3A Industries, Inc.	2705 S Winthrop St 3101 Martin Luther King Jr Wy	Closed Open	General Automotive Repair Shops Plumbing, Heating, and Air-Conditioning	N N	05/30/06 10/10/03	Initial Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30a	U12	The Original Philly's	3019 Martin Luther King Jr Wy	Open	Eating Places	N N	07/11/13	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30a	U12	Universal Cuts	3019 Martin Luther King Jr Wy S	Closed	Barber Shops	N	06/15/06	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	U12	Pacific Fish & Chips	3019 Martin Luther King Jr Wy S	Closed	Eating Places	N	10/14/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30a	U12	Arco Rainier	3005 Rainier Ave S	Closed	Gasoline Service Station	N	11/05/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	E10	City of Seattle-OCC	2700 Airport Wy S	Open	Business Services, NEC	N	09/12/12	Audit Y	Diagonal Ave S CSO/SD	Separated
30b	F13	Rever Salon	3005 Beacon Ave S	Open	0 14 (0 0 10	N	05/28/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	F13 F9	CL Auto Repair Barcodes West LLC	2901 17TH AVE S 2755 AIRPORT WAY S	Closed Open	General Automotive Repair Shops Computers and Computer Peripheral Equipment and Softwar	N N	10/08/07 05/08/14	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b 30b	F9	High-Rise Cabinets Inc.	2755 Airport Wy S	Closed	Carpentry Work	N N	08/28/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	G10	Rainier Commons LLC	3100 Airport Wy S	Open	Real Estate Agents and Managers	N	10/04/12	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	G10	Tully's Coffee Corporate	3100 Airport Wy S	Open	Eating Places	N	06/26/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	G10	Tully's Coffee # 01095	3100 Airport Wy S	Open	Eating Places	N	10/19/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	G10	Emerald City Brewing Company	3100 Airport Wy S	Open	Malt Beverages	N	07/25/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	G13	Betty Merken Studios	3063 Beacon Ave S	Open	2111 21	N N	05/28/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	G13	The Beacon Pub	3057 Beacon Ave S	Open	Drinking Places	N N	05/28/03	Screening Y Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b 30b	G13 G13	Hello Bicycle Soleil Hair Studio	3067 Beacon Ave S 3067 Beacon Ave S	Open Open	Sporting Goods Stores and Bicycle Shops	N N	12/01/10 05/28/03	Followup Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	G13	Beacon Hill Dental Associates	3051 Beacon Ave S	Open	Offices and Clinics of Dentists	N N	04/24/13	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	G13	Manila Fast Food & Videos	3019 Beacon Ave S	Closed	Children and Chilling of Donalds	N	05/28/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	G13	The Oak	3019 BEACON AVE S	Open	Eating Places	N	03/07/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	G13	Hen Sen Herb Co.	3013 Beacon Ave S	Open		N	05/28/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	G14	3 Brothers Cleaners	3210 Beacon Ave S	Open	Drycleaning Plants, Except Rug Cleaning	N	06/27/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	G14	International Video	3207 Beacon Ave S	Open	Radio and Television Repair Shops	N	06/27/03	Screening Y Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b 30b	G8 	Second Use Alaskan Copper & Brass	3223 6TH AVE S 3223 6TH AVE S	Open Open	Lumber and Other Building Materials Dealers Steel Pipe and Tubes	N N	02/14/13 01/17/14	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep. Part. Sep.
30b	G8	Alaskan Copper & Brass Alaskan Copper & Brass	3200 6th Ave S	Open	Steel Pipe and Tubes	Y	01/17/14	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	H14	Day Moon Press	3320 Beacon Ave S	Open	Commercial Printing, NEC	N .	06/27/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	H14	Lucky Seafood	3217 Beacon Ave S	Open	Meat and Fish	N	09/05/08	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	H14	Delite Bakery	3211 Beacon Ave S	Open	Retail Bakeries	N	06/27/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	H7	Alaskan Copper & Brass	3405 6TH AVE S	Open	Steel Pipe and Tubes	N	01/17/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	H7	Alaskan Copper & Brass	3317 6th Ave S	Open	Steel Pipe and Tubes	N N	01/17/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	H7 H8	Alaskan Copper & Brass Alaskan Copper & Brass	3301 6th Ave S	Closed	Steel Pipe and Tubes Steel Pipe and Tubes	N N	08/31/10	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30b 30b	по Н8	Alaskan Copper & Brass Alaskan Copper & Brass	3400 6TH AVE S 3300 6th Ave S	Closed Open	Steel Pipe and Tubes Steel Pipe and Tubes	N N	09/11/03 01/17/14	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	H9	FMG LLC	3433 AIRPORT WAY S	Closed	Real Estate Agents and Managers	N	05/18/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	H9	Red Soul	3433 AIRPORT WAY S	Open	Architectural and Ornamental Metal Work	N	11/21/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	H9	Sound Transit LINK Operations and Maintenance F	acil 3407 AIRPORT WAY S	Open	Local and Suburban Transit	N	07/16/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	l14	SFD - Fire Station # 13	3601 Beacon Ave S	Open	Fire Protection	N	11/04/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	16	Seattle City Light	3613 4th Ave S	Open		N N	07/31/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	<u> </u>	Clear Channel Outdoor	3601 6th Ave S	Open	Advertising Agencies	N N	09/10/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b 30b	17	Diagonal Storage Yard Skyline Electric & MFG. Company	400 S Spokane St 3619 7th Ave S	Open	Not in Licensing Database Relays and Industrial Controls	N 	05/08/06 06/12/14	Screening Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	I8	KT Building Supply	3614 6th Ave S	Open Open	Lumber and Other Building Materials Dealers	N T	07/11/14	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30b	18	Trade-Marx Sign & Display Corp.	3614 6TH AVE S	Closed	Carpentry Work	N	04/23/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	18	Starving Students	620 Spokane St	Open	Linen Supply	N	08/11/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	18	Blanchard Auto Electric/Automotive Service Co.	640 S Spokane St	Closed	Automotive Repair Shops, NEC	N	11/22/11	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	18	Consolidated Press	600 S Spokane St	Open	Newspapers: Publishing, or Publishing and Printing	N	03/18/10	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	18	Verizon Wireless	3440 6th Ave S	Open	Not in Licensing Database	N	04/11/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b		M&R Equipment, Inc.	3626 Airport Wy S 3605 Airport Wy S	Open	Industrial Machinery and Equipment Commercial Equipment, NEC	N N	07/23/13 06/04/03	Initial Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b 30b	19	Skyline Pacific Northwest J.R. Abbott Construction	3512 AIRPORT WAY S	Closed Closed	General Contractors - Nonresidential Buildings, Other than In	N N	11/20/07	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	I9 I9	3512 Airport Way S	3512 Airport Wy S	Open	Not in Licensing Database	N N	08/09/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	19	PCL Construction	3512 Airport Wy S	Open	General Contractors - Single-Family Houses	N	08/09/10	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	19	First Transit - Airport Way S	3400 Airport Wy S	Closed	Business Services, NEC	N	08/11/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	19	Community Transit	3400 AIRPORT WAY S	Closed	Local and Suburban Transit	N	05/05/04	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J14	Jefferson Park Community Center	3801 Beacon Ave S	Open		N	08/07/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J5	Charlie's Produce	3844 1st Ave S	Open	Fresh Fruits and Vegetables	N N	03/24/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J5	Seattle Public Utilities - Paint Shop	3641 2ND AVE S	Closed	Net in Linearing Detailers	N	03/14/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J5	Fire Department Warehouse	3601 2nd Ave S	Open	Not in Licensing Database	N	04/11/08	Screening Y	Diagonal Ave S CSO/SD	Separated

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES		Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Complian	ce	
30b	J5	SPU Reuse Store	3601 2ND AVE S	Open	Not in Licensing Database	N	04/11/08	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Universal Nonlinear Design	3828 4th Ave S	Open	Not in Electioning Database	N	09/04/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	J7	The Boiler Room	3828 4th Ave S	Open	Iron and Steel Forgings	N	10/29/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Metal Works Northwest	3834 4TH AVE S	Open	Highway and Street Construction, Except Elevated Highways	N	04/11/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Northwest Concrete Resurfacing	3828 4TH AVE S	Open		N	11/27/13	Initial Y	Diagonal Ave S CSO/SD	Unknown
30b	J7	Seapine Brewing Co.	3828 4TH AVE S	Open	Beer and Ale	N N	10/08/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Northwest Consolidated Investments	3828 4th Ave S	Open	Operators of Nonresidential Buildings	N N	11/27/13 09/22/10	Initial Y Initial Y	Diagonal Ave S CSO/SD	Separated
30b 30b	J7 	Seattle Stair & Design Elliott Bay Woodworks	3810 4th Ave S 3814 4th Ave S	Open Open	Special Trade Contractors, NEC Wood Kitchen Cabinets	N N	09/22/10	Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	J7	Owl Transfer & Storage Co., Inc.	3623 6TH AVE S	Closed	Local Trucking Without Storage	N	06/18/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b		Western Logistics	3623 6TH AVE S	Open	Local Trucking Without Storage	N	12/05/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Banzai Sushi	3623 6th Ave S	Open	Prepared Fresh or Frozen Fish and Seafoods	N	11/17/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Courier One	3623 6th Ave S	Open		N	06/18/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Area Distributors Northwest Inc.	3623 6th Ave S		Nondurable Goods, NEC	N	05/10/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Pental Granite & Marble Inc.	3623 6th Ave S	Open	Special Trade Contractors, NEC	N	11/29/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Friedman Development	3623 6th Ave S	Open	Land Subdividers and Developers, Except Cemeteries	N	08/21/08	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	J7	Commercial Warehouse Co., Inc.	3623 6th Ave S	Open	General Warehousing and Storage	N N	01/24/14	Initial Y Screening Y	Diagonal Ave S CSO/SD	Separated
30b 30b	J7 	Housing Management Services NorStar Specialty Foods Inc.	3623 6th Ave S 3901 7th Ave S	Open Closed	Real Estate Agents and Managers Food Preparations, NEC	N N	06/18/03 01/12/04	Screening Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	J8	Agbar Technologies, Inc.	3820 6th Ave S	Open	Business Services, NEC	N	12/10/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J8	International Truck Leasing & Rental	3801 7th Ave S	Open	Truck Rental and Leasing Without Drivers	N	05/11/11	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	J8	Atlas Supply	611 S Charlestown St	Open	Adhesives and Sealants	N	05/11/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J8	D.P. Nicoli	3700 6TH AVE S	Open		N	10/09/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J8	Intermountain Supply, Inc.	3700 6TH AVE S	Closed	Roofing, Siding, and Insulation Materials	N	01/09/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J8	Ed Wyse Beauty Supply	3701 7th Ave S	Open	Service Establishment Equipment and Supplies	N	05/11/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J8	The Field Roast Grain Meat Co.	3901 7TH AVE S	Open		N	07/21/14	Followup N	Diagonal Ave S CSO/SD	Separated
30b	J9	Western Peterbilt Inc.	3707 AIRPORT WAY S	Open	Equipment Rental and Leasing, NEC	N N	01/18/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	J9 	Washington State DOT - Signal Shop	3700 9th Ave S	Open		N N	04/28/14	Followup Y	Diagonal Ave S CSO/SD	Separated Separated
30b 30b		Washington State DOT - Gas Station Porbug	3700 9th Ave S 820 S CHARLESTOWN ST	Open Closed	General Automotive Repair Shops	N N	04/28/14 03/12/04	Followup Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep.
30b	J9	Reliance Fire Protection	3706 Airport Wy S	Closed	Plumbing, Heating, and Air-Conditioning	N	07/30/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	J9	Pork Chop Screen Printing	3706 AIRPORT WAY S	Open	Transmig, Troating and the Continuous	N	05/16/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K14	Jefferson Park Horticulture	4101 Beacon Ave S	Open	Lawn and Garden Services	N	09/05/12	Audit Y	Diagonal Ave S CSO/SD	Separated
30b	K14	Jefferson Park Golf Course	4101 BEACON AVE S	Open	Public Golf Courses	N	05/01/06	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K4	Southern Wine and Spirits	4101 1ST AVE S	Open	Wine and Distilled Alcoholic Beverages	N	08/16/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K4	Bader & Olson	4143 1ST AVE S	Closed	Trucking, Except Local	N	09/29/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K4	Plastics for Lighting, Inc.	4069 1ST AVE S	Open	Miscellaneous Homefurnishings Stores	N N	11/29/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30b 30b	K4 K4	INX International Ink Utility Inc.	4029 1ST AVE S 3931 1ST AVE S	Closed	Printing Ink Business Services, NEC	N N	06/02/03 08/22/07	Followup Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	K4	Utility Inc.	4029 1st Ave S	Closed Closed	Business Services, NEC	N N	08/22/07	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K4	NetVersant	3849 1st Ave S	Closed	Electrical Work	N	12/11/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K4	Schooner Exact Brewing Co.	3901 1st Ave S	Open	Miscellaneous Retail Stores, NEC	N	11/15/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K4	The Corporate Image	4001 1st Ave S	Closed		N	01/20/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K4	City Commerce Park	3849 1st Ave S	Open	Not in Licensing Database	N	01/06/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K4	iclick	3931 1st Ave S	Open	Direct Selling Establishments	N	10/26/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K4	Green Depot Wa Pacific Coast LLC	4121 1st Ave S	Open	Lumber and Other Building Materials Dealers	N	02/03/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K4	King County Records and Elections	3901 1st Ave S	Open	General Government, NEC Business Services, NEC	N N	09/28/03	Screening Y Initial Y	Diagonal Ave S CSO/SD	Separated
30b 30b	K4 K4	Tachyon Technology Corp. Big People Scooters	4101 1st Ave S 3861 1st Ave S	Closed Open	Motorcycle Dealers	N N	09/29/03 12/27/10	Initial Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	K5	Crosscut Hardwoods	4100 1st Ave S	Open	Lumber and Other Building Materials Dealers	N N	10/18/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K5	Cascade Designs	130 S Dakota St	Closed	Metals Service Centers and Offices	N	11/29/11	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K5	Cascade Designs	4000 1st Ave S	Open	Metals Service Centers and Offices	N	12/24/13	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K6	Life Style Landscape	4101 4th Ave S	Closed	Landscape Counseling and Planning	N	12/15/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K7	Bamboo Hardwoods Inc.	510 S Industrial Wy	Open	Nondurable Goods, NEC	N	11/16/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K7	Applied Industrial Technologies	4021 6th Ave S	Open	Industrial Supplies	N	05/16/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K7	Active Gear (Dakota)	600 S Dakota St	Open Open	Motor Vehicle Supplies and New Parts	N	05/14/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	K7	FleetPride	600 S Dakota St	Open	Auto and Home Supply Stores	N N	10/12/11	Followup Y Initial Y	Diagonal Ave S CSO/SD	Separated
30b 30b	K7 K7	Safelite Auto Glass Mailhandlers	4005 6TH AVE S 4005 6TH AVE S	Open Closed	Miscellaneous Retail Stores, NEC Direct Mail Advertising Services	N N	12/20/12 12/19/03	Initial Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	K7	Down Products	4005 6TH AVE S 4011 6TH AVE S	Closed	Manufacturing Industries, NEC	N N	10/07/03	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30b	K7	Food Lifeline	4011 6th Ave S	Open	Civic, Social, and Fraternal Associations	N	10/07/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K7	Rodda Paint	3838 4TH AVE S	Open	Paint, Glass, and Wallpaper Stores	N	09/17/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K8	ABC Towing	710 S Dakota St	Open	Automotive Services, Except Repair and Carwashes	N	05/11/11	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K8	Davis Sign	4025 7th Ave S	Open	Miscellaneous Retail Stores, NEC	N	05/20/03	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K8	Hollywood Lights	660 S Dakota St	Open	Electrical Work	N	04/28/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Modelwerks	655 S Andover St	Open	Business Services, NEC	N	09/27/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Stella Color	620 S Dakota St	Open	Miscellaneous Retail Stores, NEC	N	12/20/10	Followup Y	Diagonal Ave S CSO/SD	Separated

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	7 P	Outfall	Sewer Class
Number	Number						Date	Complia	ince	
30b	K8	Dan Byrne	620 S Dakota St	Open	Not in Licensing Database	N	02/10/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Western Fleet Supply	620 S Dakota St	Open	Auto and Home Supply Stores	N	06/05/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Northwest Manufacturing & Supply Inc.	4045 7th Ave S	Open	Electrical Apparatus and Equipment, Wiring Supplies and Cc	N	07/17/03	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K8	Wilcor Grounding Systems	4045 7th Ave S	Open	Electrical Appliances, Television and Radio Sets	N	03/01/11	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K8	Bader & Olson	601 S Andover St	Open	Trucking, Except Local	N	11/01/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Byrne Specialty Gases, Inc.	601 S Andover St	Closed	Chemicals and Allied Products, NEC	N	12/29/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Adhesa Plate	4000 7th Ave S	Open	Signs and Advertising Specialties	N	09/03/14	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K8	Machenrys Provisioners LLC	3922 6TH AVE S	Closed	Groceries, General Line	N	08/20/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Banzai Sushi	3922 6TH AVE S	Closed	Food Preparations, NEC	N	08/13/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Cedrus Technologies Inc.	3922 6TH AVE S	Closed	Testing Laboratories	N	11/16/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	K8	Gretchen's Shoebox Express	3922 6th Ave S	Open	Not in Licensing Database	N N	12/03/13	Initial Y Initial N	Diagonal Ave S CSO/SD	Separated
30b 30b	K8 K8	Stusser Electric Co. Phelps Tire	660 S Andover St 3922 7th Ave S	Open Open	Electrical Apparatus and Equipment, Wiring Supplies and Cc Auto and Home Supply Stores	N N	02/24/15 09/03/14	Initial N	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep. Part. Sep.
30b	K9	Audio-Visual Products, Inc.	812 S Dakota St	Open	Electrical Appliances, Television and Radio Sets	N N	07/18/13	Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30b	K9	Noble Wines	818 S Dakota St	Open	Wine and Distilled Alcoholic Beverages	N N	05/20/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	K9	Trade Marx Sign and Display	818 S DAKOTA ST	Open	Commercial Printing, NEC	N	04/26/13	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	K9	North Star Casteel	3909 9th Ave S	Open	Steel Foundries, NEC	Y	08/01/14	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	L1	Global Fulfillment	4 S IDAHO ST	Open	Bookbinding and Related Work	N.	02/24/15	Initial N	Diagonal Ave S CSO/SD	Part. Sep.
30b	L2	Zevia LLC	14 S IDAHO ST	Closed	Business Services, NEC	N	04/25/08	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L2	The Anywear Shoe Co., Inc.	14 S IDAHO ST	Closed	Footwear	N	03/26/03	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	 L2	True Fabrications	14 S Idaho St	Open	Nondurable Goods, NEC	N	11/23/10	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L2	Northwest Oriental Foods	20 S Idaho St	Open	General Warehousing and Storage	N	03/23/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L2	SPUD.com	8 S IDAHO ST	Open	Catalog and Mail-Order Houses	N	01/23/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L2	RH Brown	12 S IDAHO ST	Open	Industrial Machinery and Equipment	N	03/06/15	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L2	Stewart Industries	16 S IDAHO ST	Open	Special Dies and Tools, Die Sets, Jigs and Fixtures, and Indu	N	03/13/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L3	Jacks Inc.	24 S IDAHO ST	Closed	Repair Shops and Related Services, NEC	N	05/29/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L3	Fiberlay	24 S Idaho St	Open	Boat Dealers	N	11/22/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L3	Bartell Drugs Distribution	4140 E Marginal Wy S	Open	Drug Stores and Proprietary Stores	N	09/16/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L3	Prologis	4200 E Marginal Wy S	Open	Real Estate Agents and Managers	N	09/09/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L3	Global Transportation	4090 EAST MARGINAL WAY S	Closed	Arrangement of Transportation of Freight and Cargo	N	07/26/07	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L3	Arctic Commercial Refrigeration Inc.	4050 EAST MARGINAL WAY S	Closed	Refrigeration Equipment and Supplies	N	09/11/07	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L3	RockTenn Recycling & Waste Solutions	4050 E Marginal Wy S	Closed	Scrap and Waste Materials	Y	09/14/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L5	Cascade Designs	4225 2nd Ave S	Open	Sporting and Athletic Goods, NEC	N	12/24/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L5	Daniel Smith Inc.	4150 1st Ave S	Open	Miscellaneous Retail Stores, NEC	N	10/18/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	<u>L5</u>	The Foundry by Herban Feast	4130 1ST AVE S	Open	Eating Places	N	12/05/13	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	L5	Outrageous Sports	4130 1st Ave S	Closed		N	10/28/03	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	L5	Charlie's Produce	4103 2nd Ave S	Open	Fresh Fruits and Vegetables	N N	02/10/12	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	L5	Cordon Selections	4136 1ST AVE S	Open	Wine and Distilled Alcoholic Beverages	N	11/21/13	Initial N	Diagonal Ave S CSO/SD	Part. Sep.
30b	L6	COSTCO Wholesale	4401 4th Ave S	Open	Variety Stores	N N	11/09/12	1 Ollowup 1	Diagonal Ave S CSO/SD	Separated
30b 30b	<u>L6</u> L6	Burger Madness Auto Quest	4117 4th Ave S 4115 4th Ave S	Open Closed	Eating Places Motor Vehicle Dealers	N N	11/16/11 09/08/06	Initial Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	17	Bamboo Hardwoods Manufacturing Co	4100 4th Ave S	Open	Nondurable Goods, NEC	N N	10/21/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L7	Merlino Foods	4100 4th Ave S	Open	Groceries, General Line	N N	01/06/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Kustom Foods	651 S Industrial Way	Closed	Food Preparations, NEC	N N	05/30/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L8	L&W Food Corp	651 S Industrial Wy	Open	Groceries and Related Products, NEC	N	10/29/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Global Imports LTD	4226 6th Ave S	Closed	Grocerico di la reducea i reducea, rezo	N	05/28/03	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	L8	Lancashire Auto Trimmers	4222 6th Ave S		Top, Body, and Upholstery Repair Shops and Paint Shops	N	05/30/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Snorkel Stove Company	4216 6th Ave S	Open	Heating Equipment, Except Electric and Warm Air Furnaces	N	03/12/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Superior Imprints Inc.	4226 6th Ave S	Open	Platemaking and Related Services	N	01/10/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Ex Officio	4202 6TH AVE S	Open	Concrete Work	N	10/25/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L8	High Winds, Inc.	4202 6th Ave S		Nondurable Goods, NEC	N	06/25/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Bill Hatch Sports	4202 6th Ave S	Closed	Sporting Goods Stores and Bicycle Shops	N	08/06/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Mallory & Church	676 S Industrial Wy	Open	Mens and Boys Neckwear	N	12/03/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Imagine Visual Service LLC	665 S DAKOTA ST	Open	Commercial Printing, NEC	N	11/04/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	Safelite Glass Corp.	665 S Dakota St	Closed	Motor Vehicle Supplies and New Parts	N	09/19/08	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L8	3D Systems Corp.	620 S Industrial Wy	Open	Manufacturing Industries, NEC	N	08/12/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L8	L.N. Curtis & Sons	629 S Industrial Wy	Open	Industrial Supplies	N	02/18/15	Initial N	Diagonal Ave S CSO/SD	Separated
30b	L8	Refrigeration Supplies Distributor Total Control	625 S Industrial Wy	Open	Refrigeration Equipment and Supplies	N	02/24/15	Initial N	Diagonal Ave S CSO/SD	Separated
30b	L8	MDE Engineers, Inc.	700 S Industrial Wy	Open	Engineering Services	N	02/18/15	Initial N	Diagonal Ave S CSO/SD	Separated
30b	L9	Seattle DOT - Sunny Jim	4200 Airport Wy S	Open		N	09/10/12	Audit Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Washington Belt & Drive Systems	4201 AIRPORT WAY S	Closed	Industrial Machinery and Equipment	N	07/29/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Botanical Designs Inc.	4201 AIRPORT WAY S	Open		N	10/01/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Emergency Response Training Institute	812 S Adams St	Open	Vocational Schools, NEC	N	12/08/09	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Rust Pattern & Woodworking, Inc.	812 S Adams St		Industrial Patterns	N	06/11/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Skyline Pacific Northwest	4105 AIRPORT WAY S	Open	Commercial Equipment, NEC	N	03/04/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Romio's Pizza & Seattle Pizza Dough Co.	4101 AIRPORT WAY S	Closed	Food Preparations, NEC	N	06/04/03	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	L9	Tuxedo and Tennis Shoes Catering Inc.	4101 AIRPORT WAY S	Open	Eating Places	N	10/09/14	Followup Y	Diagonal Ave S CSO/SD	Separated

Table A-1: Business inspections.

Map	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	· · · · · · · · · · · · · · · · · · ·		Sewer Class
Number	Number						Date	Complia	ance	
30b	L9	The Bentley Co.	4109 AIRPORT WAY S	Closed	Farm and Garden Machinery and Equipment	N	06/04/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L9	Jon-Don	4111 Airport Wy S	Open	Building Cleaning and Maintenance Services, NEC	N	11/29/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L9	United Parts Corporation	4126 AIRPORT WAY S	Closed	Transportation Equipment and Supplies, Except Motor Vehicl	N	06/18/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	L9	A Better Roofing Company Inc.	4126 Airport Wy S	Open	Roofing, Siding, and Sheet Metal Work	N	03/02/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	L9	John Perine Co.	820 S Adams St	Open	Hardware	N N	01/12/10	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	M1	Flexi-Van Leasing Inc.	1 S IDAHO ST	Closed	Truck Rental and Leasing Without Drivers	N Y	07/30/03	Followup Y	Diagonal / WO C CCC/CD	Separated
30b 30b	M1 M1	ConGlobal Industries Container Care Inc.	1 S IDAHO ST 1 S IDAHO ST	Open Closed	Marine Cargo Handling Marine Cargo Handling	N Y	11/14/12 07/30/03	Initial Y Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Part. Sep.
30b	M12	Greenwater Construction Inc.	4337 15th Ave S	Open	General Contractors - Single-Family Houses	N N	08/21/08	Screening Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	M13	ASA Mercer Middle School	1600 Columbian Wy	Open	Elementary and Secondary Schools	N	05/17/04	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M2	Liquor Control Board	4401 E Marginal Wy S	Open	Liquor Stores	N	04/04/12	Followup Y	**	Separated
30b	M3	DHL Express	4450 E Marginal Wy S	Open	Air Courier Services	N	12/04/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M3	Whole Foods Market Distribution Center	4250 E Marginal Wy S	Open	Refrigerated Warehousing and Storage	N	09/14/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M4	Apex Facility Resources	4435 Colorado Ave S	Open	Furniture Stores	N	08/29/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Mail Movers	4500 4TH AVE S	Closed	Building Cleaning and Maintenance Services, NEC	N	11/16/07	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Leduc Packaging, Inc.	4424 4th Ave S	Open	Business Services, NEC	N	07/13/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Western Washington Beverage	4201 6TH AVE S	Closed	Wine and Distilled Alcoholic Beverages	N	06/10/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Carpet Liquidators Inc.	4400 4th Ave S	Open	Not in Licensing Database	N	06/15/11	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Active Gear	4412 4th Ave S	Closed	Motor Vehicle Supplies and New Parts	N	12/19/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Total Reclaim	4400 4TH AVE S	Closed	Business Services, NEC	N	03/26/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	M7	Pedersen's Rentals & Sales	4500 4th Ave S	Open	Equipment Rental and Leasing, NEC	N	02/18/15	Initial N	Diagonal Ave S CSO/SD	Separated
30b	M7	K2 Sports	4201 6th Ave	Open	Courier Comings Franch by Air	N Y	02/20/15	Initial N	Diagonal Ave S CSO/SD	Separated
30b	M8 M8	UPS Mygrant Glass Company	4455 7th Ave S 4321 7th Ave S	Open	Courier Services Except by Air Miscellaneous Retail Stores, NEC	Y N	03/21/14	Tinda T	Diagonal Ave S CSO/SD	Separated
30b 30b	M8	Key Bank	4323 7th Ave S	Open Closed	National Commercial Banks	N N	01/31/12 05/20/03	Followup Y Screenina Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	M8	Auto-Chlor System	4315 7th Ave S	Open	Soaps and Other Detergents, Except Specialty Cleaners	N	03/20/03	Initial Y	**	Separated
30b	M8	WatchGuard Technologies, Inc.	4321 7th Ave S	Open	Computer and Computer Software Stores	N	06/23/03	Screening Y	210,40.1017.110000702	Separated
30b	M8	UPS	4329 7th Ave S	Open	Courier Services Except by Air	Y	12/21/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M8	Prince Telecom	4323 AIRPORT WAY S	Open		N	06/26/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M8	Schwartz Brothers Bakery Seattle	619 S Nevada St	Open	Not in Licensing Database	N	12/23/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M8	Uli's Famous Sausage	4318 6TH AVE S	Open	Eating Places	N	12/04/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M8	Oversea Casing Company	601 S Nevada	Open	Plastics Products, NEC	N	09/21/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	M9	Puget Sound Industry Services	4429 AIRPORT WAY S	Closed	Auto and Home Supply Stores	N	02/21/08	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M9	Precision Welder & Engine Repair	4429 Airport Wy S	Open	Industrial Machinery and Equipment	N	06/03/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M9	Western Waterproofing Co., Inc.	4429 Airport Wy S	Open	Masonry, Stone Setting, and Other Stone Work	N	10/13/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	M9	Airgas	4401 Airport Wy S	Open	Chemicals and Allied Products, NEC	N	06/11/14	Initial Y	Diagonal / WO C CCC/CD	Separated
30b	N12	Presbytery of Seattle	1625 S COLUMBIAN WAY	Open	Religious Organizations	N	05/19/03	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	N14	Veterans Administration Medical Center	1660 S Columbian Wy	Open	General Medical and Surgical Hospitals	N	10/12/12	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	N3	Grand Central Baking Company	4634 EAST MARGINAL WAY S	Open	Eating Places Not in Licensing Database	N N	04/01/13	IIIIII I	Diagonal Ave S CSO/SD	Separated
30b 30b	N3 N3	No Junk Inc. Alaska Native Industries	4634 EAST MARGINAL WAY S 4634 E Marginal Wy S	Open Closed	Durable Goods, NEC	N N	07/15/14 03/21/03	Initial Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	N3	Titan Outdoor LLC	4636 E Marginal Wy S	Open	Advertising, NEC	N N	03/21/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N3	Cascade Machinery & Electric, Inc.	4600 E Marginal Wy S	Open	Industrial Machinery and Equipment	N	02/26/13	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N3	South Seattle Business Park	4634 E Marginal Wy S	Open	Real Estate Agents and Managers	N	07/23/14	Followup N	Diagonal Ave S CSO/SD	Separated
30b	N7	Sun Luck	4601 6TH AVE S	Closed	Groceries, General Line	N	07/14/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N7	Food Service International	4601 6th Ave S	Open	Groceries, General Line	N	04/10/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N7	Uwajimaya	4601 6th Ave S	Open	Miscellaneous General Merchandise Stores	N	11/22/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N7	Pedersen's	4604 4TH AVE S	Closed	Equipment Rental and Leasing, NEC	N	10/08/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N7	Eskimo Pie Distribution Company	4606 4th Ave S	Closed		N	10/22/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N7	Express Cold Storage	4606 4TH AVE S	Open	Refrigerated Warehousing and Storage	N	04/15/14	Initial N	Diagonal Ave S CSO/SD	Separated
30b	N8	Seattle Barrel	4621 AIRPORT WAY S	Open		N	04/11/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N8	Sealant Specialists	4621 Airport Wy S	Closed	Roofing, Siding, and Insulation Materials	N	09/29/10	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	N8	Pacific Publishing Co.	636 S Alaska St	Open	Newspapers: Publishing, or Publishing and Printing	N	08/29/12	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N8	Siemens Water Tech Corp	601 S Snoqualmie St	Open	Security Systems Services	N	02/26/14	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N8	Scientific Supply & Equipment Inc.	619 S Snoqualmie St	Open	Professional Equipment and Supplies, NEC	N N	04/07/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N8	Franks Quality Produce Inc.	612 S Alaska St	Open	Fruit and Vegetable Markets	N N	09/26/14	1 Ollottup 1	Diagonal Ave S CSO/SD	Separated
30b	N8 N8	Northwest Pump & Equipment King County Sheriff	601 S Snoqualmie St 4623 7th Ave S	Closed	Industrial Machinery and Equipment	N N	05/20/03 04/05/11	Initial Y Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b 30b	N8	King County Sheriff Mallory & Church	633 S SNOQUALMIE ST	Open Closed	Mens and Boys Clothing and Furnishings	N N	05/20/03	Initial Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b	N8	Magnum Print Solutions	633 S Snoqualmie St	Closed	Computer Maintenance and Repair	N N	12/21/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N8	Seattle Barrel Company	4520 7th Ave S	Open	Industrial Supplies	N	02/10/10	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	N8	Plymouth Poultry	4500 7th Ave S	Open	Poultry and Poultry Products	Y	06/26/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	N9	Northwest DyeWorks	4505 AIRPORT WAY S	Closed	Finishers of Broadwoven Fabrics of Cotton	N	06/04/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	N9	The Painters, Inc.	4501 AIRPORT WAY S	Closed	Painting and Paper Hanging	N	07/23/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	03	Seattle Granite Countertops	4700 Ohio Ave S	Open	Terrazzo, Tile, Marble, and Mosaic Work	N	10/07/13	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	03	Churchkey Can Co.	4700 Ohio Ave S	Open	Not in Licensing Database	N	05/22/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	O3	Two Beers Brewing Co.	4700 Ohio Ave S	Open	Beer and Ale	N	05/22/12	Followup Y	Diagonal Ave S CSO/SD	Separated

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Jr.		Sewer Class
Number	Number						Date	Compl	iance	
30b	O3	3 Form Light Art	4700 Ohio Ave S	Open	Not in Licensing Database	N	12/29/10	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	О3	Tiny's Organic	4660 E Marginal Wy S	Open	Fruit and Vegetable Markets	N	12/15/11	Followup Y	**	Separated
30b	O3	Stone Fly Design	4660 E Marginal Wy S	Closed	Finishers of Broadwoven Fabrics of Manmade Fiber and Silk	N	05/19/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	03	IsGood Woodworks	4660 E Marginal Wy S	Open	Wood Kitchen Cabinets	N	12/16/11	Followup Y	Diagonal Ave o 000/00	Separated
30b	03	Victor's Granite & Marble LLC	4660 E Marginal Wy S	Open	Business Services, NEC	N	01/04/12	Followup Y	Diagonal Avc 0 000/0D	Separated
30b	03	Triple F Granite and Marble	4660 E Marginal Wy S	Closed	Not in Licensing Database	N	04/02/03	Initial Y Followup Y	Diagonal / WO O COO/OB	Separated
30b 30b	O3 O4	Resolute Acme Construction Supply Co., Inc.	4660 Ohio Ave S 4747 1st Ave S	Open Open	Construction Materials, NEC	N N	12/22/11 03/26/13	Followup Y Followup Y	Diagonal 7 (VC O COO/OD	Separated Separated
30b	04	TnT Letterpress Trade Inc	4701 Colorado Ave S	Open	Not in Licensing Database	N	12/29/10	Initial Y	••	Separated
30b	04	Bloch Steel Industries	4580 Colorado Ave S	Open	Not in Licensing Database	N	07/31/03	Followup Y	**	Infiltration
30b	04	Waste Management, Inc. Alaska St. Facility	70 S Alaska St	Open	Refuse Systems	Y	12/05/14	Initial Y	**	Separated
30b	04	Pacific Shipping Company	4707 Denver Ave S	Open	Arrangement of Transportation of Freight and Cargo	N	09/18/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	04	Bartell Drugs	4727 DENVER AVE S	Open	Drug Stores and Proprietary Stores	N	11/06/12	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	O5	Sears Service Center	4790 1st Ave S	Open	Department Stores	N	12/30/14	Followup Y	Diagonal Ave o 000/00	Separated
30b	<u>O5</u>	Bartell Drugs	4711 DENVER AVE S	Closed	Drug Stores and Proprietary Stores	N	02/03/04	Followup Y	Diagonal 7 (VC O COO/OD	Separated
30b	O5	Pacer Stacktrain	4750 DENVER AVE S	Open	Railroads, Line-haul Operating	N	03/26/03	Screening Y	2.030.00.7.00	Separated
30b	O5 O6	Union Pacific Railroad Pro Express Inc.	4700 Denver Ave S 4800 DENVER AVE S	Closed	Railroads, Line-haul Operating General Warehousing and Storage	N N	09/25/07 06/30/04	Followup Y Followup Y	Diagonal 7 (VC O COO/OD	Separated Separated
30b 30b	06	Hudson Bay	4800 DENVER AVE S	Closed Open	Plastering, Drywall, Acoustical, and Insulation Work	N	01/31/14	Initial Y	••	Separated
30b	06	4800 Denver Avenue Facility	4800 Denver Ave S	Closed	Real Estate Agents and Managers	N	09/12/05	Followup Y		Separated
30b	06	McKinstry Company	4800 Denver Ave S	Open	Plumbing, Heating, and Air-Conditioning	N	09/14/12	Initial Y	**	Separated
30b	06	Puget Sound Pipe & Supply Co	4800 Denver Ave S	Open	Plumbing and Heating Equipment and Supplies	N	01/31/12	Initial Y		Separated
30b	07	Copiers Northwest Inc.	601 S Alaska St	Closed	Office Equipment	N	10/27/10	Followup Y		Separated
30b	07	Sun Food Trading Co.	4715 6th Ave S	Open	Fish and Seafoods	N	08/26/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	O8	MacMillan Piper Inc.	655 S Edmunds St	Open	Local Trucking Without Storage	Y	04/26/13	Followup Y	Diagonal 7 (VC O COO/OD	Separated
30b	08	Pacer Global Logistics	655 S Edmunds St	Closed		Y	08/26/03	Followup Y	Diagonal / NO C CCC/CD	Separated
30b	08	Emerald City Bindery	4809 Airport Wy S	Open	Bookbinding and Related Work	N	08/22/12	Initial Y	Diagonal 7 (VC O COO/OD	Separated
30b	08	NW Container Services Inc.	635 S Edmunds St	Open	Local Trucking With Storage	Y	06/06/13	Followup Y	Diagonal 7 (VO O OOO) OD	Separated
30b 30b	O8 O8	Copiers Northwest Inc Pacific Northwest Theatre Associates, Inc.	615 S ALASKA ST 615 S ALASKA ST	Open Closed	Office Equipment Equipment Rental and Leasing, NEC	N N	06/06/14 09/28/10	Followup Y Initial Y	Diagonal Ave o 000/00	Separated Separated
30b	08	FedEx	651 S Alaska St	Open	Courier Services Except by Air	N	04/17/14	Followup Y	Diagonal / WC O OCO/OD	Separated
30b	O9	Jason McCloskey Fine Woodworking	4800 Airport Wy S	Open	Not in Licensing Database	N	10/11/12	Initial Y	Diagonal / WO O COO/OB	Separated
30b	09	Catalan Custom Metal	4740 AIRPORT WAY S	Closed	Furniture and Fixtures, NEC	N	05/27/03	Initial Y	**	Separated
30b	O9	Andy Ide	4740 Airport Wy S	Open	Not in Licensing Database	N	11/28/12	Followup Y		Separated
30b	O9	Seattle Barrel Company	4716 Airport Wy S	Open	Industrial Supplies	N	07/19/10	Followup Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	P3	Messenger, Inc.	37 S Hudson St	Open	Signs and Advertising Specialties	N	01/25/12	Initial Y	Diagonal / WO O COO/OB	Part. Sep.
30b	P3	J.H. Carr & Sons	37 S HUDSON ST	Closed	Furniture	N	05/01/03	Followup Y	Diagonal 7 (VC O COO/OD	Separated
30b	P3	All City Fence Co.	36 S Hudson St	Open	Construction Materials, NEC	N N	06/20/14	Followup Y	2109011017110000702	Separated
30b	P3	Jet Parts Engineering, Inc.	4772 Ohio Ave S	Open	Miscellaneous Retail Stores, NEC	N	11/16/11	Screening Y	Diagonal Ave o 000/00	Separated
30b 30b	P3 P3	Hedwall Architectural Iron Tom Bihn Inc.	4750 Ohio Ave S 4750 Ohio Ave S	Open Open	Not in Licensing Database Miscellaneous Apparel and Accessory Stores	N N	11/15/12 11/16/11	Followup Y Initial Y	Diagonal Avc 0 000/0D	Separated Separated
30b	P4	Seattle Marathon Assn	4773 Colorado Ave S	Open	Business Services, NEC	N N	11/15/11	Screening Y	Diagonal / WO O COO/OB	Separated
30b	P4	Urban Hardwoods Inc.	4755 Colorado Ave S	Open	Miscellaneous Retail Stores, NEC	N	11/15/12	Followup Y		Separated
30b	P4	Triage Wines	4755 Colorado Ave S	Open	Wine and Distilled Alcoholic Beverages	N	11/15/11	Screening Y	Diagonal Ave S CSO/SD	Separated
30b	P6	Hertz Equipment Rental	5055 4TH AVE S	Open	Heavy Construction Equipment Rental and Leasing	N	08/06/14	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	P6	*Masons Supply Co.	5004 2ND AVE S	Closed	Electrical Apparatus and Equipment, Wiring Supplies and Cc	N	10/31/03	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	P6	McKinstry	210 S Hudson	Open	Business Services, NEC	N	09/14/12	Initial Y	Diagonal Avc 0 000/0D	Separated
30b	P6	W.W. Grainger, Inc.	4930 3rd Ave	Open	Electrical Apparatus and Equipment, Wiring Supplies and Cc	N N	09/20/12	Followup Y	Diagonal 7 (VO O OOO) OD	Part. Sep.
30b	P7	Union Pacific Railroad	5000 Denver Ave S	Closed	Railroads, Line-haul Operating	N	04/15/09	Followup Y	Diagonal Ave 3 030/3D	Separated
30b	P8 P8	Power Distributing, Inc. The Paper Merchant	4813 Airport Wy S 4811 AIRPORT WAY S	Open	Internal Combustion Engines, NEC Industrial and Personal Service Paper	N N	05/22/03 05/29/03	Screening Y Screening Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated
30b 30b	Q3	Kenny Hugh	5026 Ohio Ave S	Open Open	Services, NEC	N	09/21/09	Screening Y Screening Y	2.030.00.7.00	Separated
30b	Q3	3D Plastics LLC	5024 Ohio Ave S	Open	Not in Licensing Database	N	03/21/03	Followup Y	Diagonal 7 (VC O COO/OD	Separated
30b	Q3	Seattle Radiator Works	5011 Ohio Ave S	Open	Not in Licensing Database	N	06/02/11	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	Q3	Steel Toe Studios	5020 Ohio Ave S	Open	Miscellaneous Apparel and Accessory Stores	N	12/08/09	Followup Y	Diagonal Ave S CSO/SD	Separated
30b	Q4	Northcoast Refrigeration	5021 COLORADO AVE S	Closed	Refrigeration and Air-Conditioning Service and Repair Shops	N	12/02/03	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	Q4	I & B Woods, Inc.	5003 Colorado Ave S	Open	Furniture and Fixtures, NEC	N	01/25/12	Initial Y	Diagonal Ave 3 030/3D	Separated
30b	Q8	Merlino Foods	5200 DENVER AVE S	Closed	Groceries, General Line	N	06/15/07	Initial Y	Diagonal Ave S CSO/SD	Separated
30b	Q8	Georgetown Brewing Co.	5200 Denver Ave S	Open	Malt Beverages	Y	01/07/14	Followup Y	Diagonal Ave 3 030/30	Separated
30b	Q9	Olympic Foundry	5200 Airport Wy S	Open	Metals Service Centers and Offices	N	08/27/13	Initial Y	Diagonal Ave S CSO/SD	Part. Sep.
30b	R7	Inca Marble & Granite	5212 6TH AVE S	Closed	Terrazzo, Tile, Marble, and Mosaic Work	N N	01/16/08	Followup Y	Diagonal 7 (VO O OOO/OD	Separated
30b 30b	R7 R7	Renaissance Contract Furnishings Mart	5212 6TH AVE S 500 S Brandon St	Closed Open	Furniture Stores Furniture Stores	N N	01/28/04 05/21/03	Followup Y Screening Y	Diagonal Ave o 000/00	Separated Separated
30b	R7	Truescents	550 S Brandon St	Open	Nondurable Goods, NEC	N	05/21/03	Screening Y	••	Part. Sep.
30b	R7	Air Cold Supply	594 S Dawson St	Closed	Plumbing, Heating, and Air-Conditioning	N N	09/13/07	Followup Y	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated
30b	R8	Pepsi Bottling Group	5300 Denver Ave S	Closed	Groceries and Related Products, NEC	N	06/20/07	Initial Y	**	Separated
30b	R8	Control Contractors Inc.	5300 Denver Ave S	Open	Plumbing, Heating, and Air-Conditioning	N	03/17/11	Followup Y	2.030.00.7.00	Separated

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type	In Outfall	Sewer Class
Number	Number				·		Date	* *	oliance	
31	G4	Evergreen Tractor	164 S Michigan St	Open	General Contractors - Single-Family Houses	N	01/03/13	. cc.rup	Y 1st Ave S SD (east)	Separated
32	G3	Whole Foods Markets Select Fish	5980 1st Ave S	Open	Fish and Seafoods	N N	06/09/11	1 Ollowap	Y Head of Slip 2 SD Y Head of Slip 2 SD	Direct
32 33	H7 B4	Fittings Inc Toth Construction Inc	5979 4th Ave S 6506 2nd Ave S	Open Open	Industrial Supplies General Contractors - Single-Family Houses	N N	08/28/08 09/25/08	1 Gliottap	Y Head of Slip 2 SD Y S River St SD	Direct Separated
33	B5	Seattle Cabinet & Design LLC	6533 3rd Ave S	Open	Wood Kitchen Cabinets	N N	12/27/10	Followup	Y S River St SD	Separated
33	B5	Railworks Comstock	6533 3rd Ave S	Open	Electrical Work	N N	11/14/08	· · · · · · · · · · · · · · · · · · ·	Y S River St SD	Part. Sep.
33	B5	Modern Concrete Design	6501 E Marginal Wy S	Open	Not in Licensing Database	N	07/08/10		Y S River St SD	Part. Sep.
33	B5	Freight Expeditors	6501 E Marginal Wy	Open	Arrangement of Transportation of Freight and Cargo	N	02/18/10		Y S River St SD	Infiltration
33	B5	US Printing	6501 E Marginal Wy S	Open	Commercial Printing, Lithographic	N	06/23/09	Followup	Y S River St SD	Part. Sep.
33	C3	Algas-SDI International LLC	151 S Michigan St	Open	Plumbing and Heating Equipment and Supplies	Υ	06/06/14	Followup	Y S River St SD	Separated
33	C4	Commercial Floor Distributors Inc.	210 S River St	Open	Floor Coverings Stores	N	03/28/14	TI II LI COI	N S River St SD	Separated
33	D3	Pile Contractors, Inc.	150 S River St	Open	Heavy Construction NEC	Y	08/08/13	milia	Y S River St SD	Separated
33	D3	V.Van Dyke, Inc.	150 S River St	Open	Trucking, Except Local	Y	08/08/13	milia	Y S River St SD	Separated
34	E7	Area Distributors Northwest	6719 EAST MARGINAL WAY S	Open	Nondurable Goods, NEC	N	03/06/15	1 Ollowup	1 3 Drigition 3t 3D	Direct
34 34	<u>E7</u> E7	Pike Brewing Co. Ace Tank and Fueling Equipment	6725 EAST MARGINAL WAY S 6703 EAST MARGINAL WAY S	Open Closed	Malt Beverages Petroleum and Petroleum Products Wholesalers. Except Bull-	N N	02/19/14 04/19/12	Followup Screening	Y S Brighton St SD Y S Brighton St SD	Separated Separated
34	E7	Gentle Giant Moving Company LLC	6783 E Marginal Wy S	Open	Not in Licensing Database	N N	12/01/10	Corooning	Y S Brighton St SD	Separated
34	E7	ReBinder.com	6779 E Marginal Wy S	Closed	Not in Licensing Database	N	11/13/09	Followup	Y S Brighton St SD	Separated
34	E7	Longview Fibre- warehouse	6705 E Marginal Wy S	Open	Nondurable Goods, NEC	N	08/20/09	•	Y S Brighton St SD	Separated
34	E7	Alexander Lighting	6719 E Marginal Wy S	Closed	Not in Licensing Database	N	09/24/09	•	Y S Brighton St SD	Separated
34	E7	Camerich	6767 E Marginal Wy S	Open	Not in Licensing Database	N	08/26/09	· · · · · · · · · · · · · · · · · · ·	Y S Brighton St SD	Direct
34	E7	Rosella's Fruit and Produce Co, Inc.	6731 E Marginal Wy S	Closed	Fresh Fruits and Vegetables	N	08/14/13	Initial	Y S Brighton St SD	Separated
34	E7	Seattle Distribution Center	6701 E Marginal Wy S	Open	Not in Licensing Database	N	08/14/13	Initial	Y S Brighton St SD	Separated
34	F2	Delta North	6701 Fox Ave S	Closed	Not in Licensing Database	N	10/19/12	Followup	Y S Brighton St SD	Separated
34	F2	Northland Services	6701 Fox Ave S	Open	Water Transportation of Passengers, NEC	Υ	09/27/12	Initial	Y S Brighton St SD	Separated
34	F2	Seatac Marine Services LLC	6701 FOX AVE S	Open	Real Estate Agents and Managers	Y	07/26/12	1 GIIGHTUP	Y S Brighton St SD	Separated
34	F6	YMS	525 S BRIGHTON ST	Open	Scrap and Waste Materials	N	02/05/15	1 Ollowap	Y S Brighton St SD	Separated
34	F6	Emerson Enterprises LLC	525 S BRIGHTON ST	Open	Defense O sets are	N V	01/30/15		N S Brighton St SD V S Brighton St SD	Separated
34	F9	Emerald Services	6851 EAST MARGINAL WAY S	Open	Refuse Systems	Y Y	10/13/14	1 Ollowup	T O Drighton of OD	Separated
34 34	F9 H8	Shultz Distributing Inc. Cascade Columbia Distribution	6851 E Marginal Wy S 6900 Fox Ave S	Closed Open	Petroleum Bulk Stations and Terminals Chemicals and Allied Products, NEC	<u>Ү</u>	07/25/12 05/09/12	1 Ollowup	Y S Brighton St SD Y S Brighton St SD	Separated Part. Sep.
35	по С5	Castade Columbia Distribution Caffe D'Arte LLC	719 S Myrtle St	Closed	Eating Places	N N	05/09/12	1 Ollottup	Y S Myrtle St SD	Separated
35	C5	Svendsen Brothers Fish Company	745 S MYRTLE ST	Closed	Prepared Fresh or Frozen Fish and Seafoods	N N	04/24/12	1 Ollowap	Y S Myrtle St SD	Separated
35	C5	Commercial Welding & Fabrication, Inc.	711 S Myrtle St	Open	Welding Repair	N	07/17/08	•	Y S Myrtle St SD	Part. Sep.
35	D4	Sam Perkins	720 S ORCHARD ST	Closed	Troiding Tropail	N	02/21/06	Followup	Y S Myrtle St SD	Separated
35	D4	Big Dipper Wax Works Inc.	700 S Orchard St	Open	Nondurable Goods, NEC	N	03/30/12	· · · · · · · · · · · · · · · · · · ·	Y S Myrtle St SD	Separated
35	D4	Taxi King	720 S Orchard St	Closed	Taxicabs	Υ	08/26/14	Screening	Y S Myrtle St SD	Separated
35	D6	Bud's Auto & Truck	750 S Orchard St	Closed	Not in Licensing Database	N	03/20/12	Followup	Y S Myrtle St SD	Separated
36	B5	Seattle Iron & Metals Corp.	601 S Myrtle St	Open	Scrap and Waste Materials	Y	08/13/10	Followup	Y S Garden St SD	Separated
36	D9	United Rentals	7135 8th Ave S	Open	Automotive Repair Shops, NEC	N	12/19/12	Followup	Y S Garden St SD	Separated
37	A6	Georgetown Powerplant Museum	6605 13th Ave S	Open	Museums and Art Galleries	N	11/04/13	Corooning	Y Georgetown SD	Separated
37	H1	United Refrigeration Inc.	1017 S MYRTLE ST	Open	Plumbing, Heating, and Air-Conditioning	N	06/17/13	1 Ollowup	Y Georgetown SD	Separated
37	H1	Larry's Market	1001 S MYRTLE ST	Closed	Grocery Stores	N N	02/16/05	1 Ollowap	Y Georgetown SD	Separated
37	H1	Johnson Industries Inc.	1015 S Myrtle St 1001 S Myrtle St	Open	Plumbing and Heating Equipment and Supplies	N N	06/03/13	II II II II II	Y Georgetown SD Y Georgetown SD	Separated
37 37	<u>H1</u> H1	Essential Baking Company Kohl & Madden	1001 S Myrtle St 1017 S Myrtle St	Closed Closed	Groceries and Related Products, NEC	N N	07/24/09 09/30/04	Followup Initial	Y Georgetown SD	Separated Separated
37	H1	Boiling Point Restaurant Seattle	1001 S MYRTLE ST	Open		N	02/27/15	Initial	N Georgetown SD	Separated
37	H1	Jensen Family LTD Partners	1001 S Myrtle St	Open		N	11/22/13		N Georgetown SD	Separated
37	12	Aero Motel Inn	7240 E Marginal Wy S	Open	Hotels and Motels	N	04/20/13		Y Georgetown SD	Separated
38	D9	2007 S Orcas St	2007 S Orcas St	Open	Religious Organizations	N	07/26/04	Initial	Y I-5 SD at Slip 4	Separated
38	G6	UltraBlock Inc.	1615 S Graham St	Open	Concrete Work	Υ	06/02/11	Initial	Y I-5 SD at Slip 4	Separated
38	G7	Tire Distribution Systems	6311 Corgiat Dr S	Open	Tires and Tubes	N	07/17/14	Followup	Y I-5 SD at Slip 4	Part. Sep.
38	L2	WA Air National Guard	6736 Ellis Ave S	Open		N	07/29/04	Initial	Y I-5 SD at Slip 4	Separated
38	M1	SFD - Fire Station # 27	1000 S Myrtle St	Open	Fire Protection	N	06/16/09	Initial	Y I-5 SD at Slip 4	Part. Sep.
38	N1	Marginal Way ARCO	7200 E Marginal Wy S	Open	Miscellaneous Retail Stores, NEC	N	03/04/11	Followup	Y I-5 SD at Slip 4	Separated
38	N1	Arco Marginal Way	7200 EAST MARGINAL WAY S	Closed	Gasoline Service Station	N	04/21/05	1 Ollowap	Y I-5 SD at Slip 4	Separated
41	C4	International Drop-In Center	7301 Beacon Ave S	Open	Social Services, NEC	N	10/31/05	Octobility	Y S Norfolk St CSO/PS#17/EOF/S	
41	C4	Beacon United Methodist Church	7301 Beacon Ave S	Open	Religious Organizations	N N	11/02/05	Ociconing	Y S Norfolk St CSO/PS#17/EOF/S	· · · · · · · · · · · · · · · · · · ·
41	G3	Elliott Bay Baking Co.	8300 MILITARY RD S	Closed	Retail Bakeries	N N	12/01/05	II IIIIai	3 NOTION 31 C30/F3#17/E0F/3	
41 41	G3 G3	Cucina Fresca Inc. Rosen-Harbottle Commercial Real Estate	8300 Military Rd S 8300 Military Rd S	Open Open	Grocery Stores	N N	03/21/12 11/07/05	Followup Screening	Y S Norfolk St CSO/PS#17/EOF/S Y S Norfolk St CSO/PS#17/EOF/S	•
41	G3	Swan Net, LLC	8300 Military Rd S 8300 Military Rd S	Open	Ship Building and Repairing	N N	02/24/12		Y S Norfolk St CSO/PS#17/EOF/S	
41	G5	Van Asselt Elementary School	8311 Beacon Ave S	Open	Elementary and Secondary Schools	N	10/03/13	1 Ollowap	Y S Norfolk St CSO/PS#17/EOF/S	
41	G3 4	Reed Aviation	8490 Perimeter Rd S	Open	Lionichally and Occordally Octions	N	01/20/05		Y S Norfolk St CSO/PS#17/EOF/S	•
41	14	Airtech Instrument Co., Inc.	8490 Perimeter Rd S	Open	Electronic Parts and Equipment, NEC	N	09/22/04	Initial	Y S Norfolk St CSO/PS#17/EOF/S	
41	M9	Special Asphalt Products Inc	9243 Martin Luther King Jr Wy S	Open	Asphalt Felts and Coatings	Y	07/25/12		Y S Norfolk St CSO/PS#17/EOF/S	•
41	M9	Traylor Frontier-Kemper JV	9224 Martin Luther King Jr Wy S	Open	Bridge, Tunnel, and Elevated Highway Construction	N.	10/06/11	•	Y S Norfolk St CSO/PS#17/EOF/S	

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type		Sewer Class
Number	Number						Date		Compliance	
41	N10	Frank Coluccio Construction Co	9600 Martin Luther King Jr Wy S	Open	Bridge, Tunnel, and Elevated Highway Construction	N	04/22/11	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Part. Sep.
<u>41</u> 41	N9	Jacks Payless Auto Parts	9423 Martin Luther King Jr Wy S	Open	Auto and Home Supply Stores	N N	12/13/05	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Part. Sep.
41	010	Security Service Northwest, Inc	9640 Martin Luther King Jr Wy S	Closed	Security Systems Services	N	07/14/06	Followup	Y S Norfolk St CSO/PS#17/E0F/SD	Separated
41	O10	Northwest Gourmet Food Products Inc.	9620 Martin Luther King Jr Wy S	Closed	Dry, Condensed and Evaporated Dairy Products	Υ	05/29/12	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	O10	San Gennaro Foods	9620 M L KING JR WAY S	Closed	Eating Places	N	03/29/06	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	09	Speedeelube	9637 Martin Luther King Jr Wy S	Open	Automotive Services, Except Repair and Carwashes	N	01/11/12	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	O9	Win Lee Motors Inc	9637 M L KING JR WAY S	Closed	Motor Vehicle Dealers	N	03/29/06	Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41 41	P10 P10	NW Kidney Center Hydroslice Aerospace LLC	9700 M L KING JR WAY S 9688 M L KING JR WAY S	Open Open	Nonclassifiable Establishments Not in Licensing Database	N N	09/12/11 11/26/13	Followup Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated Separated
41	P10	Wright Way Truck Repair	9688 Martin Luther King Jr Wv S	Closed	Not in Licensing Database	N N	03/07/06	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	P10	NRC Environmental Services Inc.	9650 M L KING JR WAY S	Open	Sanitary Services, NEC	N	10/18/13	Initial	Y S Norfolk St CSO/PS#17/E0F/SD	Part. Sep.
41	P10	Property on 9650 MLK Jr. Way S.	9650 Martin Luther King Jr Wy S	Open		N	12/01/05	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	P10	Cascade Motor Inc.	9650 Martin Luther King Jr Wy S	Closed	General Automotive Repair Shops	N	03/07/06	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	P9	Nelson Trucking	9777 M L KING JR WAY S	Open	Local Trucking Without Storage	Y	12/13/13	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Infiltration
41	P9	Nelson Trucking	9747 M L KING JR WAY S	Open	Local Trucking Without Storage	Y	01/02/14	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Part. Sep.
41	P9	Westward Mobile Park	9685 Martin Luther King Jr Wy S	Closed	Operators of Residential Mobile Home Sites	N	10/27/06	Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/FOF/SD	Separated
<u>41</u> 41	P9 Q10	JCM U-Link, Joint Venture Frank Coluccio Construction Co.	9645 M L KING JR WAY S 9850 Martin Luther King Jr Wy S	Open Open	Bridge, Tunnel, and Elevated Highway Construction Bridge, Tunnel, and Elevated Highway Construction	N N	05/12/11 10/27/11	Initial Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated Separated
41	Q10	Ikan Two Auto & Truck Wrecking	9802 M L KING JR WAY S	Closed	bridge, Turinei, and Elevated Flighway Construction	N N	03/25/08	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q10	Affordable Auto Wrecking	9802 Martin Luther King Jr Wy S	Closed	Scrap and Waste Materials	N	10/26/05	Initial	Y S Norfolk St CSO/PS#17/E0F/SD	Separated
41	Q10	Affordable Auto Wrecking	9750 M L KING JR WAY S	Open	Scrap and Waste Materials	N	10/29/14	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Part. Sep.
41	Q7	MacDonald Miller Facility Solutions Inc	3701 S NORFOLK ST	Open	Refrigeration and Air-Conditioning Service and Repair Shops	Υ	06/05/14	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q7	Front Porch	3701 S Norfolk St	Open	Games, Toys, and Children s Vehicles, Except Dolls and Bic	N	10/19/05	Screening	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q7	Masins	3701 S Norfolk St	Open		N	05/01/12	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q7	Martin Smith Inc.	3701 S NORFOLK ST	Open	Real Estate Agents and Managers	N	08/01/13	Screening	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41 41	Q8 Q8	Bake Mark MacDonald-Miller	9833 40TH AVE S	Closed	Prepared Flour Mixes and Doughs Potrigoration and Air Conditioning Sorrigo and Repair Shape	N N	11/02/05	Initial	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/FOF/SD	Separated
41	Q8	Alpha Cine Laboratory	9833 40th Ave S 9800 40th Ave S	Closed Closed	Refrigeration and Air-Conditioning Service and Repair Shops Miscellaneous Retail Stores, NEC	N N	01/24/06 12/15/10	Followup Screening	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated Separated
41	Q8	Cascade Engine Center	9800 40TH AVE S	Closed	Petroleum and Petroleum Products Wholesalers, Except Bull	N N	10/13/05	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q9	The January Company	9844 40TH AVE S	Closed	Sausages and Other Prepared Meat Products	N	07/23/12	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q9	Wall & Ceiling	9830 40th Ave S	Open	Lumber and Other Building Materials Dealers	N	02/14/13	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q9	Starline Inc	9801 M L KING JR WAY S	Open	Local Bus Charter Service	N	09/11/14	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	Q9	GE Equipment Management	9801 Martin Luther King Jr Wy S	Closed	Truck Rental and Leasing Without Drivers	N	02/02/06	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R10	Public Storage - MLK WY S	10020 M L KING JR WAY S	Open	General Warehousing and Storage	N	01/22/14	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
<u>41</u> 41	R10 R4	Renato's Auto	9830 Martin Luther King Jr Wy S	Open	General Automotive Repair Shops	N N	05/27/11	Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R4	NW Autowrecking (TUKWILA) Penske	10230 EAST MARGINAL WAY S 3301 S Norfolk St	Closed Closed	Not in Licensing Database Services, NEC	N 	07/23/07 06/09/08	Followup Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated Separated
41	R5	Unified Grocers	3301 S Norfolk St	Open	Groceries and Related Products, NEC	Y	04/20/12	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R8	Engineered Products	9883 40th Ave S	Open	Commercial Equipment, NEC	N .	05/16/12	Followup	Y S Norfolk St CSO/PS#17/E0F/SD	Separated
41	R8	Fairn and Swanson	9875 40th Ave S	Open	Wine and Distilled Alcoholic Beverages	N	03/29/13	Initial	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R8	Workpointe	9877 40th Ave S	Open	Furniture Stores	N	04/12/13	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R9	HD Supply Waterworks LTD	10013 M L KING JR WAY S	Open	Professional Equipment and Supplies, NEC	N	06/20/13	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R9	Hughes Supply Inc.	10013 Martin Luther King Jr Wy S	Closed	Plumbing and Heating Equipment and Supplies	N	11/18/05	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	R9	Noble Wines	9860 40th Ave S	Open	Wine and Distilled Alcoholic Beverages	N	03/13/12	Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41 41	S8 S9	Pape Material Handling Pacific Grip & Lighting (TUKWILA)	9892 40th Ave S 10401 Martin Luther King Jr Wy S	Open Open	Industrial Machinery and Equipment Services Allied to Motion Picture Production	N N	06/01/12 03/06/08	Followup Followup	Y S Norfolk St CSO/PS#17/EOF/SD Y S Norfolk St CSO/PS#17/EOF/SD	Separated Separated
41	S9	Reliable Auto Parts (TUKWILA)	4345 S 104th PI	Open	Motor Vehicle Dealers	N	02/20/08	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	S9	Harrington Industrial Plastics LLC (TUKWILA)	4322 S 104th PI	Open	Plastics Materials and Basic Forms and Shapes	N	01/26/11	Screening	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
41	S9	Steeler Inc	10023 M L KING JR WAY S	Open	Lumber and Other Building Materials Dealers	Υ	12/09/14	Followup	Y S Norfolk St CSO/PS#17/EOF/SD	Separated
43	E4	Tryg Winquist Construction Co.	3839 W Marginal Wy SW	Open	General Contractors - Nonresidential Buildings, Other than In	N	03/03/09	Initial	Y SW Dakota St SD	Part. Sep.
43	F4	Active Environmental Inc	4001 16th Ave SW	Open	Amusement and Recreation Services, NEC	N	10/29/14	Followup	Y SW Dakota St SD	Part. Sep.
43	G4	Penthouse Drapery	4033 16th Ave SW	Open	Drapery Hardware and Window Blinds and Shades	N	10/28/10	Followup	Y SW Dakota St SD	Separated
43	G4	Heathco International Inc	4033 16th Ave SW	Open	Refrigeration Equipment and Supplies	N N	08/24/10	Followup	Y SW Dakota St SD	Separated
43 43	G5 G5	Global Diving and Salvage Inc. Concrete Restoration Inc	4025 WEST MARGINAL WAY SW 4025 WEST MARGINAL WAY SW	Open Closed	Special Trade Contractors, NEC Concrete Work	N N	02/07/14 08/02/10	Initial Followup	Y SW Dakota St SD Y SW Dakota St SD	Separated Part. Sep.
43	G5	Encore Oils LLC	4034 West Marginal Wy SW	Open	Animal and Marine Fats and Oils	N N	08/03/12	Followup	Y SW Dakota St SD	Separated
43	H4	Raynproof Roofing	4117 16th Ave SW	Open	Roofing, Siding, and Sheet Metal Work	N	03/24/10	Initial	Y SW Dakota St SD	Separated
43	H5	Cohesive Garage	4101 WEST MARGINAL WAY SW	Open	General Automotive Repair Shops	N	03/28/14	Initial	Y SW Dakota St SD	Separated
43	H5	4101 W Marginal Way SW Business Park	4101 W Marginal Wy SW	Open	Lessors of Real Property, NEC	N	05/24/10	Followup	Y SW Dakota St SD	Separated
43	H5	Wheelchairs Plus Inc	4101 W Marginal Wy SW	Closed	Miscellaneous Retail Stores, NEC	N	04/08/10	Initial	Y SW Dakota St SD	Separated
43	H5	Metal Shorts Inc.	4101 SW Marginal Wy SW	Open	Miscellaneous Retail Stores, NEC	N	04/05/10	Initial	Y SW Dakota St SD	Separated
43	H5	West Seattle Radiator Service	4101 W Marginal Wy SW	Closed	General Automotive Repair Shops	N N	05/11/10	Followup	Y SW Dakota St SD	Separated
43	H5	Aquatic Enterprises, Inc.	4101 W Marginal Wy SW	Open	Business Services, NEC	N N	04/16/10	Followup	Y SW Dakota St SD	Separated
43 43	17 K5	Ferguson Enterprises Inc. Westbridge Maintenance Facility	4100 W Marginal Wy SW 4209 W Marginal Wy S	Open Open	Plumbing, Heating, and Air-Conditioning Not in Licensing Database	N N	08/27/14 06/25/13	Initial Initial	N SW Dakota St SD Y SW Dakota St SD	Separated Separated
43	K5	John Plantish	4209 W Marginal Wy S 4235 WEST MARGINAL WAY SW	Open Open	INOLIH LICENSING Dalabase	N N	06/25/13	Initial	Y SW Dakota St SD Y SW Idaho St SD	Separated Separated
44	C4	Georgetown Home & Garden LLC	4239 W Marginal Wy SW	Open	Homefurnishings	N	07/08/10	Initial	Y SW Idaho St SD	Separated
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Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES		Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Compliance		
44	C4	Pacifica Marine Inc.	4233 W Marginal Wy SW	Open	Manufacturing Industries, NEC	N	10/25/14	Followup Y	SW Idaho St SD	Separated
44	C4	New Finishes, Inc.	4235 W Marginal Wy SW	Open	Not in Licensing Database	N	04/28/14	Initial Y	SW Idaho St SD	Separated
44	D4	Continental Van Lines	4501 WEST MARGINAL WAY SW	Open	Arrangement of Transportation of Freight and Cargo	N	12/08/14	Followup Y	SW Idaho St SD	Separated
44	E5	Compressed Gas Western Inc	4535 WEST MARGINAL WAY SW	Closed	Petroleum and Petroleum Products Wholesalers, Except Bull	N	07/10/08	Screening Y	SW Idaho St SD	Separated
44	F5	Airclean Technologies Inc	4725 W Marginal Wy SW	Open	Lumber and Other Building Materials Dealers	N	05/04/10	Followup Y	SW Idaho St SD	Separated
44	G5	Expert Marble & Granite Inc.	4749 W Marginal Wy SW	Open	Roofing, Siding, and Sheet Metal Work	N N	05/09/14	Initial Y	SW Idaho St SD	Separated
44 44	<u>H5</u> H5	Heath Landscape Services Inc Evergreen Building Products LLC	4849 W Marginal Wy SW 4835 W Marginal Wy SW	Open Open	Lawn and Garden Services Lumber and Other Building Materials Dealers	N N	06/25/14 05/27/10	Followup Y Followup Y	SW Idaho St SD SW Idaho St SD	Separated Separated
44	H5	Fog Tite Inc	4819 W Marginal Wy SW	Open	Concrete Products, Except Block and Brick	Y	03/20/13	Followup Y	SW Idaho St SD	Part. Sep.
44	Q4	South Seattle Community College	6000 16TH AVE SW	Open	Junior Colleges and Technical Institutes	N N	06/20/14	Followup Y	SW Idaho St SD	Separated
45	C4	Alaska Marine Lines	5423 W Marginal Wy SW		Nonclassifiable Establishments	N	03/31/06	Initial Y	SW Kenny St SD/T115 CSO	Separated
45	C4	Tank Wise LLC	5405 W Marginal Wy SW	Open	Business Services, NEC	N	05/15/14	Followup Y	SW Kenny St SD/T115 CSO	Separated
45	E5	Alaska Marine Lines	5600 WEST MARGINAL WAY SW	Open	Local Trucking Without Storage	Y	09/26/13	Followup Y	SW Kenny St SD/T115 CSO	Separated
45	F5	Alaska Marine Lines	5615 W Marginal Wy SW	Open	Local Trucking Without Storage	N	09/26/13	Followup Y	SW Kenny St SD/T115 CSO	Separated
45	G5	Chelan MFG Co. Inc	5901 W Marginal Wy SW	Closed	Roofing, Siding, and Insulation Materials	N N	11/05/09	Followup Y	SW Kenny St SD/T115 CSO	Separated
45 45	H5 I6	Kleen Environmental Technologies Glacier Northwest - Truck Parking and Storage Lot	5955 W Marginal Wy SW 5902 WEST MARGINAL WAY SW	Open Open	Business Consulting Services, NEC Concrete Products, Except Block and Brick	N V	12/16/13 01/09/14	Followup Y Initial Y	SW Kenny St SD/T115 CSO SW Kenny St SD/T115 CSO	Separated Separated
45 45		Emswiler Construction	6045 W Marginal Wy SW	Open	General Contractors - Single-Family Houses	N	03/04/14	Followup Y	SW Kenny St SD/T115 CSO	Separated
45	K5	Catholic Printery Inc.	6327 WEST MARGINAL WAY SW	Open	Outdoor Advertising Services	N	04/28/14	Initial Y	SW Kenny St SD/T115 CSO	Separated
45	K5	Bellacure	6327 W Marginal Wy SW	Open	Business Services, NEC	N	03/13/06	Screening Y	SW Kenny St SD/T115 CSO	Separated
45	K6	Aluminum & Bronze Fabricators	6301 W Marginal Wy SW	Closed	Fabricated Plate Work	N	09/21/10	Followup Y	SW Kenny St SD/T115 CSO	Separated
45	M6	Krueger Sheet Metal Co.	6515 W Marginal Wy SW	Open	Sheet Metal Work	N	09/18/14	Followup Y	SW Kenny St SD/T115 CSO	Separated
45	M6	Pacific Rim Equipment Rental	6515 W Marginal Wy SW	Open	Equipment Rental and Leasing, NEC	N	08/22/12	Followup Y	SW Kenny St SD/T115 CSO	Separated
46	E6	Pioneer Industries	7000 Highland Park Wy SW	Open	Fabricated Metal Products, NEC Construction Materials. NEC	Y	11/21/12	Followup Y	Highland Wy SW SD	Separated
46 46	E8 	Pacific Plumbing Supply Co. LLC A & E Auto Repair Inc.	7115 W Marginal Wy SW 7902 9th Ave SW	Open Open	General Automotive Repair Shops	N N	07/21/14 03/28/14	Followup Y Initial Y	Highland Wy SW SD Highland Wy SW SD	Separated Part. Sep.
47	D5	Eastmont Transfer Station	7201 W Marginal Wy SW	Open	Refuse Systems	Y	10/07/14	Initial N	1st Ave S SD (west)	Part. Sep.
47	E4	Versatile Drilling	7201 DETROIT AVE SW	Open	Excavation Work	N.	10/06/11	Followup Y	1st Ave S SD (west)	Separated
47	F5	Samson Tug and Barge	7553 Detroit Ave SW	Open	Marine Cargo Handling	Υ	01/06/11	Followup Y	1st Ave S SD (west)	Separated
47	F6	SHA - South Operations Facility	7500 Detroit Ave SW	Open	Sanitary Services, NEC	N	08/23/13	Followup Y	1st Ave S SD (west)	Separated
47	F6	NCM	7245 W Marginal Wy SW	Open	Business Services, NEC	N	07/13/12	Followup Y	1st Ave S SD (west)	Separated
47	F6	Western Crane	7245 W Marginal Wy SW	Open	Equipment Rental and Leasing, NEC	N N	07/16/09	Screening Y	1st Ave S SD (west)	Separated
47 47	F6 	Icicle Seafoods Sound Delivery Service	7245 W Marginal Wy SW 7245 W Marginal Wy SW	Open Open	Fish and Seafoods Not in Licensing Database	N N	07/16/09 07/16/09	Screening Y Screening Y	1st Ave S SD (west) 1st Ave S SD (west)	Separated Separated
47	F6	Seafreeze	7245 W Marginal Wy SW 7245 W Marginal Wy SW		Not in Licensing Database Not in Licensing Database	N N	08/31/09	Followup Y	1st Ave S SD (west)	Separated
47	F6	MDE Engineers Inc	7245 W Marginal Wy SW	Open	Not in Licensing Database	N	07/16/09	Screening Y	1st Ave S SD (west)	Separated
47	F6	Specialty Storage Company	7245 W Marginal Wy SW	Open	Not in Licensing Database	N	07/16/09	Screening Y	1st Ave S SD (west)	Separated
47	F6	MC Delivery	7245 W Marginal Wy SW	Open	Not in Licensing Database	N	07/16/09	Screening Y	1st Ave S SD (west)	Separated
47	F6	Jones Stevedoring Company	7245 W Marginal Wy SW	Open	Marine Cargo Handling	N	10/17/14	Initial Y	1st Ave S SD (west)	Separated
47	F6	Nuprecon	7245 W Marginal Wy SW	Closed	Not in Licensing Database	N	10/02/09	Followup Y	1st Ave S SD (west)	Separated
47	H5	MacDonald Miller Co., Inc.	7707 DETROIT AVE SW	Open	Refrigeration and Air-Conditioning Service and Repair Shops	N N	08/26/14	Followup Y	1st Ave S SD (west)	Separated
47 47	H6 H6	W & O Supply Inc First Student Inc.	7745 1st Ave S 7739 1st Ave S	Open Open	Plumbing and Heating Equipment and Supplies Not in Licensing Database	N Y	10/06/11 04/11/11	Followup Y Followup Y	1st Ave S SD (west) 1st Ave S SD (west)	Separated Part. Sep.
47	I10	Flamespray Northwest	250 S Chicago St	Open	Repair Shops and Related Services, NEC	N	05/17/12	Initial Y	1st Ave S SD (west)	Infiltration
47	I10	Non Ferrous Metal	230 S Chicago St	Open	Secondary Smelting and Refining of Nonferrous Metals	N	04/24/12	Initial Y	1st Ave S SD (west)	Part. Sep.
47	17	Seaport Food Mart	7801 Detroit Ave SW	Open	Gasoline Service Station	N	12/11/14	Followup Y	1st Ave S SD (west)	Separated
47	17	Seaport Petroleum	7800 Detroit Ave SW	Open	Petroleum and Petroleum Products Wholesalers, Except Bull	Υ	01/29/14	Followup Y	1st Ave S SD (west)	Separated
47	J11	Custom Roofing Inc.	8001 5TH AVE S	Closed	Not in Licensing Database	N	11/18/02	Followup Y	1st Ave S SD (west)	Part. Sep.
47	J11	Second Use Building Materials Inc.	8001 5TH AVE S	Closed	Lumber and Other Building Materials Dealers	N N	09/11/09	Initial Y	1st Ave S SD (west)	Part. Sep.
47 47	J6	WM - Healthcare Solutions, Inc. IMS	149 SW Kenyon St 7901 1st Ave S	Open	Local Trucking Without Storage Roofing, Siding, and Insulation Materials	Y Y	09/20/11 11/13/13	Initial Y Followup Y	1st Ave S SD (west) 1st Ave S SD (west)	Separated Part. Sep.
47	J7 	American Northwest Import and Distribution	7901 1st Ave S 7910 OCCIDENTAL AVE S	Open Open	Wine and Distilled Alcoholic Beverages	N Y	04/07/14	Followup Y	1st Ave S SD (west)	Separated
47	J8	Windows 101 LLC	7900 OCCIDENTAL AVE S	Open	Industrial Supplies	N	12/26/13	Followup Y	1st Ave S SD (west)	Separated
47	J8	International Lubricants Inc.	7930 OCCIDENTAL AVE S	Open	Petroleum and Petroleum Products Wholesalers, Except Bull	N	05/31/13	Followup Y	1st Ave S SD (west)	Separated
47	J9	Thermal Solutions	7951 2nd Ave S	Open	Motor Vehicle Supplies and New Parts	N	06/25/14	Initial Y	1st Ave S SD (west)	Separated
47	J9	Second Use Building Materials Inc.	7953 2ND AVE S		Used Merchandise Stores	N	10/19/09	Initial Y	1st Ave S SD (west)	Part. Sep.
47	J9	T H Seafood	7901 2nd Ave S	Open	Fish and Seafoods	N N	03/28/14	Initial Y	1st Ave S SD (west)	Separated
47	J9	Western Stud Welding	127 S KENYON ST	Open	Hardware	N N	05/30/14	Initial Y Followup Y	1st Ave S SD (west)	Separated
47 47	J9 	Sunfresh Foods Inc. TNEMEC Co. Inc.	125 S KENYON ST 7929 2nd Ave S	Open	Frozen Specialties, NEC Paints, Varnishes, and Supplies	N N	12/05/13 10/23/13	Followup Y Initial Y	1st Ave S SD (west) 1st Ave S SD (west)	Separated Part. Sep.
47		Flying Fish Express	7929 2nd Ave S 7937 2nd Ave S	Open Open	Prepared Fresh or Frozen Fish and Seafoods	N N	05/15/14	Initial Y	1st Ave S SD (west)	Separated
47	K10	SPU South Transfer Station	8100 2nd Ave S	Open	repaired from or frozon front and Ocaroods	Y	04/25/08	Screening Y	1st Ave S SD (west)	Part. Sep.
47	K11	Flashmark Tech	501 S Elmgrove St	Open	Sheet Metal Work	N	06/16/11	Initial Y	1st Ave S SD (west)	Separated
47	K12	Modern Machine Co.	524 S Southern St	Open	Engineering Services	N	10/30/13	Followup Y	1st Ave S SD (west)	Separated
47	K7	Waste Management of Seattle	8101 1st Ave S	Open	Refuse Systems	Υ	03/19/14	Initial Y	1st Ave S SD (west)	Separated
47	K8	International Construction Equipment	8101 OCCIDENTAL AVE S	Open	Construction and Mining	N	09/30/14	Followup Y	1st Ave S SD (west)	Separated
47	K8	W.G. Clark Construction Co.	7958 Occidental Ave S	Open	General Contractors - Nonresidential Buildings, Other than In	N	09/10/13	Initial Y	1st Ave S SD (west)	Part. Sep.

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Compliance	•	
47		Olahad Di itaa A Oal aasa laa	0405 4-1 4 0	Oleand	During Our inc. NEO	N 1	00/04/40	F.H. V	4-14	Ourselad
47 47	<u>L7</u> L7	Global Diving & Salvage Inc. Standard Steel Fabricating Co. Inc.	8165 1st Ave S 8155 1st Ave S	Closed Open	Business Services, NEC Fabricated Structural Metal	N Y	03/04/10 10/10/13	Followup Y Initial Y	1st Ave S SD (west) 1st Ave S SD (west)	Separated Separated
47		MAPSCO	8135 1st Ave S	Open	Business Services, NEC	Y	08/14/12	Initial Y	1st Ave S SD (west)	Separated
47	L8	Demolition Man Inc.	8151 Occidental Ave S	Open	Wrecking and Demolition Work	N.	05/08/14	Followup Y	1st Ave S SD (west)	Separated
47	L8	North Star Ice Equipment Corporation	8151 Occidental Ave S	Open	Air-Conditioning and Warm Air Heating Equipment and Comr	N	01/02/14	Followup Y	1st Ave S SD (west)	Separated
47	L8	Demolition Man Inc.	8129 Occidental Ave S	Open	Wrecking and Demolition Work	N	05/08/14	Followup Y	1st Ave S SD (west)	Separated
47	M7	Urban Hardwoods Inc	8427 1st Ave S	Open	Special Product Sawmills, NEC	N	12/17/12	Followup Y	1st Ave S SD (west)	Separated
47	M7	Old Dominion Freight Line Inc.	8425 1st Ave S	Open	Tand's a Freed Lord	N N	10/19/12	Initial Y	1st Ave S SD (west)	Separated
47 48	M7 C4	Lion Trucking, Inc. Western Marine Construction	8425 1st Ave S 7245 2nd Ave S	Open Open	Trucking, Except Local Heavy Construction NEC	N N	02/27/13 10/28/09	Followup Y Initial Y	1st Ave S SD (west) 2nd Ave S SD	Separated Separated
48	C4	Kelly-Ryan Inc.	7245 2nd Ave S 7235 2nd Ave S	Closed	Not in Licensing Database	N N	01/24/14	Screening Y	2nd Ave S SD 2nd Ave S SD	Separated Separated
48	D2	Da Vinci Gourmet	7224 1st Ave S	Open	Flavoring Extracts and Flavoring Syrups, NEC	N	03/22/12	Followup Y	2nd Ave S SD	Separated
48	E2	Northwest Center	7272 W Marginal Wy S	Open	Social Services, NEC	N	02/29/12	Followup Y	2nd Ave S SD	Separated
48	E4	Wells Trucking & Leasing	7265 2ND AVE S	Closed	Local Trucking Without Storage	N	09/30/02	Initial Y	2nd Ave S SD	Separated
48	E4	Bill's Mobile Service	7265 2nd Ave S	Open	Not in Licensing Database	N	05/15/12	Followup Y	2nd Ave S SD	Separated
48	E6	Oppenheimer Cine Rental LLC	7400 3rd Ave S	Open	Concrete Work	N	04/21/08	Followup Y	2nd Ave S SD	Separated
48	E6	PCT Construction Inc.	7400 3rd Ave S	Closed	Concrete Work	N N	11/27/02	Followup Y Initial Y	2nd Ave S SD	Separated
48 48	F2 F4	Pioneer Human Services PACO, Yard 1	7440 W Marginal Wy S 7400 2nd Ave S	Open Open	Vocational Schools, NEC Industrial Machinery and Equipment	N N	01/10/13 09/01/10	Initial Y Followup Y	2nd Ave S SD 2nd Ave S SD	Separated Separated
48	F 4	North Pacific Seafoods	7400 2nd Ave S 7417 4th Ave S		Manufacturing Industries, NEC	N	10/26/12	Followup Y	2nd Ave S SD	Separated
48	F6	WHECO Corp	315 S Fontanelle St	Open	Construction Machinery and Equipment	N	09/04/12	Initial Y	2nd Ave S SD	Separated
48	F7	United Iron Works	7421 5TH AVE S		Fabricated Structural Metal	Υ	12/03/10	Followup Y	2nd Ave S SD	Separated
48	G3	Fox Plumbing & Heating	7501 2nd Ave S	Open	Plumbing, Heating, and Air-Conditioning	N	10/24/11	Followup Y	2nd Ave S SD	Separated
48	G3	Elliott Bay Industries	7500 West Marginal Wy S	Open	Plastics Materials, Synthetic and Resins, and Nonvulcanizabl	N	09/06/12	Followup Y	2nd Ave S SD	Separated
48	G6	Cunningham Manufacturing	318 S Webster St	Open	Valves and Pipe Fittings, NEC	N	05/27/11	Initial Y	2nd Ave S SD	Separated
48	G7	Ferguson Construction Inc.	7433 5th Ave S	Open	General Contractors - Single-Family Houses	N	05/20/11	Followup Y	2nd Ave S SD	Separated
48 48	G7 H3	Renewal by Anderson of Seattle PACO, Yard 3	7433 5TH AVE S 7601 2nd Ave S	Open Open	Glass and Glazing Work Industrial Machinery and Equipment	N N	01/29/15 09/01/10	Initial N Followup Y	2nd Ave S SD 2nd Ave S SD	Separated Separated
48	H4	PACO, Yard 2	7560 2nd Ave S	Open	Industrial Machinery and Equipment	N	09/01/10	Followup Y	2nd Ave S SD	Separated
48	14	Industrial Battery Systems	211 S AUSTIN ST		Business Services, NEC	N	10/06/08	Followup Y	2nd Ave S SD	Separated
48	14	Pro Fab, Inc.	211 S Austin St	Open	Steel Works, Blast Furnaces	N	06/29/10	Initial Y	2nd Ave S SD	Separated
48	14	Book It Repetory Theater	7620 2nd Ave S	Open	Bands, Orchestras, Actors, and Entertainment Groups,	N	06/07/10	Screening Y	2nd Ave S SD	Separated
48	14	Jon's Recycling	7620 2nd Ave S	Closed	Local Trucking Without Storage	N	11/29/10	Followup Y	2nd Ave S SD	Separated
48	14	M&M Roofing Inc. of Washington	7620 2ND AVE S	Closed	Roofing, Siding, and Sheet Metal Work	N	09/30/02	Initial Y	2nd Ave S SD	Separated
48	14	J&M Stamp & Form	7622 2ND AVE S	Closed	Welding Repair	N	09/17/02	Initial Y	2nd Ave S SD	Separated
48 49	J5 A6	Pacific Western Agencies Tucker-Wetzel & Associates Inc.	7700 2nd Ave S 230 S Austin St	Open Open	Business Services, NEC Business Services, NEC	N N	10/26/09 11/19/07	Followup Y Screening Y	2nd Ave S SD 7th Ave S SD	Separated Separated
49	A6	Twilley Industrial Tool Supply Co.	222 S Austin St	Open	Motor Vehicle Supplies and New Parts	N	04/25/07	Screening Y	7th Ave S SD	Separated
49	A6	White Glove Desingner Moving & Storage Services	301 S WEBSTER ST	Open	Wilder Verillole Supplies and New Falts	N	11/22/13	Followup Y	7th Ave S SD	Separated
49	A6	W. G. Wright & Associates, Inc.	301 S Webster St	Closed	Construction Materials, NEC	N	11/19/07	Followup Y	7th Ave S SD	Separated
49	A6	Pro Sweep	401 S WEBSTER ST	Closed	Building Cleaning and Maintenance Services, NEC	N	12/11/07	Initial Y	7th Ave S SD	Separated
49	A6	ATC Distribution Group Inc.	401 S Webster St		Motor Vehicle Supplies and New Parts	N	02/24/03	Followup Y	7th Ave S SD	Separated
49	A6	North Industries	401 S WEBSTER ST	Closed	Sheet Metal Work	N	01/10/08	Followup Y	7th Ave S SD	Separated
49	A6	Mercer Products	401 S Webster St	Open	Manufacturing Industries, NEC	N	12/11/07	Screening Y Screening Y	7th Ave S SD	Separated
49 49	A7 A8	The Gear Works Northwind Marine	7509 5th Ave S 605 S Riverside Dr	Open Closed	Speed Changers, Industrial High-Speed Drives, and Gears Boat Building and Repairing	N N	04/15/08 06/05/09	Screening Y Followup Y	7th Ave S SD 7th Ave S SD	Separated Part. Sep.
49	A6 B6	Fire King of Seattle, Inc.	240 S Holden St	Open	Durable Goods, NEC	N N	03/12/12	Followup Y	7th Ave S SD	Separated
49	B6	Seattle Forging & Tool Inc.	218 S Holden St	Open	Hardware Stores	N	04/28/14	Initial Y	7th Ave S SD	Part. Sep.
49	B6	Northwest Building Tech Inc.	215 S Austin St	Open	General Contractors - Residential Buildings Other Than Sing	N	10/05/10	Initial Y	7th Ave S SD	Separated
49	B7	Global Inc	7619 5th Ave S	Open		N	08/30/12	Followup Y	7th Ave S SD	Separated
49	B7	The Design Garage	7601 5TH AVE S	Open	Steel Works, Blast Furnaces	N	01/02/14	Followup Y	7th Ave S SD	Separated
49	B7	Modern Coach/Modern Pattern	7601 5th Ave S	Open	Industrial Patterns	N	04/22/09	Initial Y	7th Ave S SD	Separated
49	B7	Portable Sheds of America	7510 5th Ave S	Closed	Mobile Home Dealers Industrial and Commercial Machinery and Equipment, NEC	N Y	12/16/13	Followup Y	7th Ave S SD	Separated
49 49	B8 	Machinists Inc Plant 2 Industrial Tire Service	7600 5TH AVE S 540 S Holden St	Open Open	Auto and Home Supply Stores	N N	10/11/13 02/09/12	Followup Y Initial Y	7th Ave S SD 7th Ave S SD	Separated Separated
49	B8	Schuchart Corp.	530 S Holden St	Open	General Contractors - Nonresidential Buildings, Other than In	N	12/21/09	Followup Y	7th Ave S SD	Separated
49	B9	American Civil Constructors West Coast Inc.	700 S RIVERSIDE DR	Closed	Heavy Construction NEC	N	03/22/10	Followup Y	7th Ave S SD	Direct
49	B9	Pacific Pile & Marine	700 S RIVERSIDE DR	Open		Y	12/07/12	Initial Y	7th Ave S SD	Separated
49	B9	Pro Fab Inc.	640 S RIVERSIDE DR	Closed	Steel Works, Blast Furnaces	N	03/19/09	Initial Y	7th Ave S SD	Separated
49	B9	Hillside Elevators Inc.	640 S Riverside Dr	Open	Special Trade Contractors, NEC	N	03/19/09	Screening Y	7th Ave S SD	Separated
49	C10	Lukas Machine, Inc.	707 S RIVERSIDE DR		Industrial and Commercial Machinery and Equipment, NEC	Y	07/09/08	Followup Y	7th Ave S SD	Separated
49	C10	Consistent Coatings Inc	719 S Riverside Dr	Open	Painting and Paper Hanging Nailed and Look Corner Wood Payer and Sheek	N N	11/09/09	Followup Y Followup Y	7th Ave S SD	Part. Sep.
49 49	C6 C6	Custom Crating Company inc. Northwest Laboratories	233 S Holden St 241 S HOLDEN ST	Open Open	Nailed and Lock Corner Wood Boxes and Shook Testing Laboratories	N N	11/09/09 12/03/14	Followup Y Followup Y	7th Ave S SD 7th Ave S SD	Part. Sep. Part. Sep.
					Industrial and Commercial Machinery and Equipment, NEC	N N	08/26/09	Initial Y	7th Ave S SD	Part. Sep.
	C7	MII	//UM Stn AVE S	(Inan						
49 49	C7 C7	MTI Pretzel Deli	7709 5th Ave S 7701 5th Ave S	Open Open	Eating Places	N	12/11/02	Screening Y	7th Ave S SD	Part. Sep.

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES			In Outfall	Sewer Class
Number	Number						Date	Comp	pliance	
49	C8	Fabrication Specialties Limited Art	527 S Portland St	Open	Welding Repair	N	02/19/13	Initial	Y 7th Ave S SD	Separated
49	C8	The Gear Works Seattle Inc	500 S Portland St	Open Open	Speed Changers, Industrial High-Speed Drives, and Gears	Y	02/19/13	Initial	Y 7th Ave S SD	Separated Separated
49	C8	Gil's Aluminum & Shell Core Shop	533 S Holden St	Open	Plastering, Drywall, Acoustical, and Insulation Work	N.	09/23/14		Y 7th Ave S SD	Separated
49	C8	Seattle Heat Treaters	521 S Holden St	Open	Repair Shops and Related Services, NEC	N	02/19/09	Initial	Y 7th Ave S SD	Separated
49	C9	Washington Liftruck	700 S Chicago St	Open	Industrial Machinery and Equipment	N	06/29/12	Followup	Y 7th Ave S SD	Separated
49	<u>C9</u>	Cain Bolt and Gasket	7724 7th Ave S	Open	Bolts, Nuts, Screws, Rivets, and Washers	N	10/03/13	Initial	Y 7th Ave S SD	Separated
49	C9	West Coast Wire Rope & Rigging Inc	7777 7TH AVE S	Open	Electrical Apparatus and Equipment, Wiring Supplies and Cc	Y	09/23/14	Followup	N 7th Ave S SD	Separated
49 49	D10 D7	Graham Trucking Rogers Machinery Co.	722 S Chicago St 7800 5th Ave S	Open Open	Business Services, NEC Industrial Machinery and Equipment	N N	08/25/09 05/29/12	TT TT COL	Y 7th Ave S SD Y 7th Ave S SD	Separated Separated
49	D7	African Northwest Inc.	470 S Kenyon St	Open Open	Miscellaneous Retail Stores, NEC	N N	10/23/09	1 Ollowap	Y 7th Ave S SD	Part. Sep.
49	D8	Marine Lumber Service	525 S Chicago St	Open	Lumber, Plywood, Millwork, and Wood Panels	Y	06/13/12	Followup	Y 7th Ave S SD	Separated
49	D8	The Gear Works	516 S Chicago St	Open	Speed Changers, Industrial High-Speed Drives, and Gears	N	04/12/12	Followup	Y 7th Ave S SD	Separated
49	D9	DMH Industrial Electric, Inc.	7800 7TH AVE S	Open	Not in Licensing Database	N	03/12/14	Followup	Y 7th Ave S SD	Separated
49	D9	All Metal Arts Seattle	7800 7th Ave S	Closed	Not in Licensing Database	N	01/05/10	Followup	Y 7th Ave S SD	Separated
49	D9	Olympic Steel Door Inc.	7800 7th Ave S	Open	Metal Doors, Sash, Frames, Molding, and Trim	N	10/19/09	1 Ollowup	Y 7th Ave S SD	Separated
49	D9	Redox Inc.	7800 7th Ave S	Open	Not in Licensing Database	N	10/11/13		N 7th Ave S SD	Separated
49	E10	Willies Recycling	728 S Monroe St	Open	Scrap and Waste Materials	N	08/02/12	Followup	Y 7th Ave S SD	Part. Sep.
49	E7 E7	Modern Machine	519 S Elmgrove St	Closed	Engineering Services Engineering Services	N N	05/09/08	. опоттыр	Y 7th Ave S SD Y 7th Ave S SD	Part. Sep. Part. Sep.
49 49	<u>E7</u> E7	Modern Machine Federal Marine & Defense Services, LLC	8000 5th Ave S 8000 5th Ave S	Closed Open	Ship Building and Repairing	N N	05/09/08 03/14/14	milia	Y 7th Ave S SD N 7th Ave S SD	Part. Sep.
49	E8	King Auto & Truck Parts Inc.	543 S Monroe St	Closed	Motor Vehicle Parts, Used	N N	12/21/09		Y 7th Ave S SD	Infiltration
49	E8	Pennington Metals & Auto Recycling LLC	543 S Monroe St	Open	Scrap and Waste Materials	N	06/08/12	Followup	Y 7th Ave S SD	Separated
49	E8	Tierney Electric Mfg Co	7901 7th Ave S	Open	Power, Distribution, and Specialty Transformers	N	08/31/12		Y 7th Ave S SD	Separated
49	E9	Independent Metals	703 S Monroe St	Closed	Primary Metal Products, NEC	N	05/15/12	Followup	Y 7th Ave S SD	Separated
49	E9	Westeel Company	8001 7th Ave S	Open	Structural Steel Erection	N	08/28/13	Initial	Y 7th Ave S SD	Part. Sep.
49	E9	Mechanical Agents Inc.	550 S Monroe St	Open	Plumbing and Heating Equipment and Supplies	N	10/01/09	Initial	Y 7th Ave S SD	Part. Sep.
49	F8	Machinists Inc. Plant 3.5	8111 7th Ave S	Open	Industrial and Commercial Machinery and Equipment, NEC	N	10/23/12	Initial	Y 7th Ave S SD	Separated
49	F8	Machinists Inc. Plant 4	8101 7TH AVE S	Open	Industrial and Commercial Machinery and Equipment, NEC	N N	11/30/12	. опоттыр	Y 7th Ave S SD	Separated
49	F8	Olsson Manufacturing Inc.	525 S Elmgrove St	Open	Industrial and Commercial Machinery and Equipment, NEC	N	03/16/12	1 Ollowap	Y 7th Ave S SD	Separated
49 49	F8 	McFabco Steel Corp. Anthony Construction Inc.	635 S Elmgrove St 8110 7th Ave S	Open Closed	Architectural and Ornamental Metal Work General Contractors - Industrial Buildings and Warehouses	N N	10/17/12 11/09/09	miliai	Y 7th Ave S SD Y 7th Ave S SD	Separated Part. Sep.
49	F9	Innovative Repairs LLC	8110 7TH AVE S	Closed	General Contractors - moustrial buildings and warehouses	N N	09/23/14	Followup	Y 7th Ave S SD	Separated
49	G8	Tours Northwest	8221 7th Ave S	Open	Local Passenger Transportation, NEC	N	08/22/13	•	Y 7th Ave S SD	Part. Sep.
49	G8	Apex Cutting & Coring	8219 7th Ave S	Closed	Wrecking and Demolition Work	N	04/11/03	Screening	Y 7th Ave S SD	Part. Sep.
49	G8	Eagle Eye Enterprise Corp	8219 7TH AVE S	Open	Excavation Work	N	11/13/13	Followup	Y 7th Ave S SD	Part. Sep.
49	G8	Universal Applicators Inc	515 S Southern St	Open	Business Services, NEC	N	08/26/13	Initial	Y 7th Ave S SD	Separated
49	G8	Mike's Truck Repair and Fabrication Inc.	515 S Southern St	Closed	General Automotive Repair Shops	N	11/16/09	Followup	Y 7th Ave S SD	Part. Sep.
49	G8	Machinists Inc Plant 3	8201 7th Ave S	Open	Industrial and Commercial Machinery and Equipment, NEC	N N	12/07/12	. опоттыр	Y 7th Ave S SD	Separated
49	H7	Coast Crane Company	8250 5th Ave S	Open	Heavy Construction Equipment Rental and Leasing	N	12/11/12	1 Ollowap	Y 7th Ave S SD	Separated
49 49	H7 H7	Hudson Bay Insulation Pier 55 Shirt Company	8230 5th Ave S 8230 5th Ave S	Open Open	Plastering, Drywall, Acoustical, and Insulation Work Miscellaneous Retail Stores, NEC	N N	02/01/10 12/21/09	Followup Initial	Y 7th Ave S SD Y 7th Ave S SD	Separated Separated
49	I5	Sound Marine and Industrial Services Inc	300 S SULLIVAN ST	Open	Repair Shops and Related Services, NEC	N N	06/09/14	Followup	Y 7th Ave S SD	Separated
49	15	Airport Towing	301 S Sullivan St	Closed	Automotive Services, Except Repair and Carwashes	N	01/19/10	Followup	Y 7th Ave S SD	Separated
49	16	Frontier Door	426 S Cloverdale St	Closed	Nondurable Goods, NEC	N	06/20/08		Y 7th Ave S SD	Separated
49	16	Rasmussen Equipment Company	426 S Cloverdale St	Open		N	09/20/12	Initial	Y 7th Ave S SD	Separated
49	16	Meeco Manufacturing Co. Inc.	432 S Cloverdale St	Open	Nondurable Goods, NEC	N	12/23/11	Followup	Y 7th Ave S SD	Separated
49	16	Pacific Logistics Inc.	424 S Cloverdale St	Open	Not in Licensing Database	N	01/06/12	Initial	Y 7th Ave S SD	Separated
49	L4	Zerowaste	309 S Cloverdale St	Open	Special Industry Machinery, NEC	N N	02/05/10	Corcorning	Y 7th Ave S SD	Separated
49	<u>L4</u>	Gourmondo Kona Madical	309 S Cloverdale St	Open	Eating Places	N N	03/11/10	1 Ollowup	Y 7th Ave S SD	Separated
49 49	<u>L4</u> L4	Kane Medical Vertical Dimensions	309 S Cloverdale St 309 S Cloverdale St	Open Open	Nondurable Goods, NEC Electric Housewares and Fans	N N	03/03/10 02/02/10	Screening Initial	Y 7th Ave S SD Y 7th Ave S SD	Separated Separated
49	<u>L4</u> 	Pike Place Fish Market Inc	309 S Cloverdale St	Open Open	Fish and Seafoods	N N	10/31/02	Screening	Y 7th Ave S SD	Separated Separated
49	L4	Engine Machine Services	309 S Cloverdale St	Open	General Automotive Repair Shops	N	03/03/10		Y 7th Ave S SD	Separated
49	L4	IE GO Corp	309 S Cloverdale St	Open	Eating Places	N	03/03/10	.,,	Y 7th Ave S SD	Separated
49	L4	Breaktime Deli & Cafe	309 S Cloverdale St	Open	Eating Places	N	02/05/10		Y 7th Ave S SD	Separated
49	L4	Bacon Salt	309 S Cloverdale St	Open	Groceries and Related Products, NEC	N	02/02/10	Screening	Y 7th Ave S SD	Separated
49	L4	Phil's Custom Bindery	309 S Cloverdale St	Open	Bookbinding and Related Work	N	03/06/09	Followup	Y 7th Ave S SD	Separated
49	<u>L4</u>	Hastings Photographics	309 S Cloverdale St	Open	Photographic Studios, Portrait	N	10/29/02	o o i o o i iii i g	Y 7th Ave S SD	Separated
49	L4	O & J Sewing	309 S Cloverdale St	Open	Laundry and Garment Services, NEC	N	02/02/10	Outcoming	Y 7th Ave S SD	Separated
49	<u>L4</u>	Classy Mailing Service	309 S Cloverdale St	Open	Direct Mail Advertising Services	N N	12/19/02	Ociccining	Y 7th Ave S SD	Separated
49	L4	Washington Manufacturing Inc Executive Residence	309 S Cloverdale St	Open	Not in Licensing Database Not in Licensing Database	N N	12/19/02	Screening	Y 7th Ave S SD Y 7th Ave S SD	Separated
49 49	<u>L4</u> L4	BRD Roofing	309 S Cloverdale St 309 S Cloverdale St	Open Open	Roofing, Siding, and Sheet Metal Work	N N	12/30/02 02/05/10	Screening Screening	Y 7th Ave S SD Y 7th Ave S SD	Separated Separated
49	L4	Ode Gutter Product	309 S Cloverdale St	Open Open	Roofing, Siding, and Sheet Metal Work	N N	10/29/02	Oorooming	Y 7th Ave S SD	Separated Separated
49	L4	Heng Heng Supermarket	309 S Cloverdale St	Open	Grocery Stores	N N	12/19/02	Octecining	Y 7th Ave S SD	Separated
	L4	Matt Masaspina Co. Inc	309 S Cloverdale St	Open	Not in Licensing Database	N	10/17/02		Y 7th Ave S SD	Separated
49	L 4									

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type	ln	Outfall	Sewer Class
Number	Number						Date		Compliance	e	
40			000 0 01 11 01				40/00/00		.,	7/1 4 0 0 0	
49 49	<u>L4</u> L4	Delgado Bros Upholstery Redpoint	309 S Cloverdale St 309 S Cloverdale St	Open Open	Automotive Trimmings, Apparel Findings, and Related Produ Sporting and Athletic Goods, NEC	N N	12/30/02 12/30/02	Screening Screening	Y Y	7th Ave S SD 7th Ave S SD	Separated Separated
49	<u>L4</u> 	Mercury Commercial Cleaning	309 S CLOVERDALE ST	Open	Sporting and Atmetic Goods, NEC	N N	07/23/14	Followup	т У	7th Ave S SD	Separated
49	L4	Ritrovo	309 S Cloverdale St	Open	Nondurable Goods, NEC	N	03/03/10	Screening	Y	7th Ave S SD	Separated
49	L4	Radio Holland USA	309 S Cloverdale St	Open	Electrical Apparatus and Equipment, Wiring Supplies and Co	N	02/02/10	Initial	Ϋ́	7th Ave S SD	Separated
49	L4	TranSpa LLC	309 S Cloverdale St	Open	Not in Licensing Database	N	10/31/02	Screening	Y	7th Ave S SD	Separated
49	L4	Little Rae's Bakery	309 S Cloverdale St	Open	Retail Bakeries	N	03/03/10	Screening	Υ	7th Ave S SD	Separated
49	L4	Ochsner Auto Body	309 S Cloverdale St	Open	Top, Body, and Upholstery Repair Shops and Paint Shops	N	02/05/10	Initial	Υ	7th Ave S SD	Separated
49	L4	Datrex Marine Safety Equipment	309 S Cloverdale St	Open	Nondurable Goods, NEC	N	02/02/10	Screening	Y	7th Ave S SD	Separated
49	L4	ACT Enterprises	309 S Cloverdale St	Open	Not in Licensing Database	N	12/20/02	Screening	Y	7th Ave S SD	Separated
49	L4	Front Panel Express	309 S Cloverdale St	Open	Manufacturing Industries, NEC	N	10/31/02	Screening	Y	7th Ave S SD	Separated
49	L4	Enigma Tech	309 S CLOVERDALE ST		Not in Licensing Database	N	12/19/02	Screening	Y Y	7th Ave S SD	Separated
49 49	L4 	South Paw Screen Printing Synesso Inc.	309 S CLOVERDALE ST 309 S Cloverdale St	Open Open	Special Industry Machinery, NEC	N N	09/10/14 02/02/10	Followup	Y Y	7th Ave S SD 7th Ave S SD	Separated Separated
49 49	<u>L4</u> 	The Newman Tading Company LLC	309 S Cloverdale St		Nondurable Goods, NEC	N N	02/02/10	Screening Screening	<u>T</u>	7th Ave S SD	Separated
49	L4	Braicks Construction Inc	309 S Cloverdale St	Open	General Contractors - Nonresidential Buildings, Other than In	N N	06/25/14	Initial	Y	7th Ave S SD	Separated
49	L4	Universal Enterprises	309 S Cloverdale St	Open	Not in Licensing Database	N	10/19/02	Screening		7th Ave S SD	Separated
49	L4	Woodco Products	309 S Cloverdale St	Open	Catalog and Mail-Order Houses	N	12/30/02	Screening	Ÿ	7th Ave S SD	Separated
49	L4	BLB Construction	309 S Cloverdale St	Open	General Contractors - Single-Family Houses	N	12/30/02	Screening	Y	7th Ave S SD	Separated
49	 L4	Topline Products Inc.	309 S Cloverdale St	Open	Nondurable Goods, NEC	N	12/30/02	Screening	Y	7th Ave S SD	Separated
49	L4	Evergreen Town Car Service	309 S Cloverdale St	Open	Local and Suburban Transit	N	03/03/10	Screening	Υ	7th Ave S SD	Separated
49	L4	Vehicle Equipment Solutions	309 S Cloverdale St	Open	General Automotive Repair Shops	N	02/05/10	Screening	Υ	7th Ave S SD	Separated
49	L4	Emergency Preparedness Service	309 S Cloverdale St	Open	Plumbing and Heating Equipment and Supplies	N	02/02/10	Screening	Υ	7th Ave S SD	Separated
49	L4	ADS Environmental Services	309 S Cloverdale St	Open	Water, Sewer, Pipeline, and Communications and Power Line	N	02/02/10	Screening	Y	7th Ave S SD	Separated
49	<u>L4</u>	Arkadia Woodworking	309 S Cloverdale St	Open	Wood Kitchen Cabinets	N	02/02/10	Screening	Y	7th Ave S SD	Separated
49	L4	Devir US LLC	309 S Cloverdale St	Open	Toys and Hobby Goods and Supplies	N	02/02/10	Screening	Y	7th Ave S SD	Separated
49	L4	United Professional Caulking & Restoration	309 S Cloverdale St	Open	Concrete Work	N N	02/02/10	Screening	Y	7th Ave S SD	Separated
49	L4	Liquor Control Specialists	309 S Cloverdale St	Open	Beer and Ale	N N	02/02/10	Screening	Y	7th Ave S SD	Separated
49	L4	Harsch Investment Properties	309 S Cloverdale St	Open	General Contractors - Residential Buildings Other Than Sing	N	06/24/14	Followup	Y Y	7th Ave S SD	Separated
49 49	L4 	Tech Assets PHI/Dictographs/Alarm Screens	309 S Cloverdale St 309 S Cloverdale St		Not in Licensing Database Security Systems Services	N N	10/31/02 12/30/02	Screening Screening	Y	7th Ave S SD 7th Ave S SD	Separated Separated
49	<u>L4</u> 	R&R Vending	309 S Cloverdale St	Open Open	Not in Licensing Database	N N	12/30/02	Screening		7th Ave S SD	Separated
49	L4	Crawford Roll Lite Doors	309 S Cloverdale St	Open	Carpentry Work	N N	10/29/02	Screening	Y	7th Ave S SD	Separated
49	L4	South Park Crime Prevention	309 S Cloverdale St	Open	Not in Licensing Database	N	10/29/02	Screening	Y	7th Ave S SD	Separated
49	L4	Elecool	309 S Cloverdale St	Open	Durable Goods, NEC	N	10/31/02	Screening	Y	7th Ave S SD	Separated
49	L6	Rasmussen Equipment Co.	8727 5th Ave S	Open	Construction and Mining	N	11/01/12	Followup	Ϋ́	7th Ave S SD	Part. Sep.
50	C10	Progressive Fastening Inc	837 S Director St	Open	Hardware	N	11/26/14	Initial	Υ	S 96th St SD	Separated
50	D10	King Electrical Mfg. Company	9131 10th Ave S	Open	Electric Housewares and Fans	N	06/24/14	Followup	Υ	S 96th St SD	Separated
50	D9	Gary Merlino Construction	9125 10TH AVE S	Open	Highway and Street Construction, Except Elevated Highways	Y	06/19/13	Initial	Υ	S 96th St SD	Separated
50	D9	Heavy Haul Specialists	829 S Director St	Open	Not in Licensing Database	N	11/15/10	Screening	Y	S 96th St SD	Separated
50	D9	Johnson Western Gunite Company	833 S Director St	Open	Concrete Work	N	11/30/10	Followup	Y	S 96th St SD	Separated
50	D9	Keithly Electric Co.	827 S Director St	Open	Electrical Work	N	11/05/10	Initial	Y	S 96th St SD	Separated
50	E10	PNP Properties LLC	860 S Cambridge St	Open	Not in Licensing Database	N	05/29/12	Followup	Y	S 96th St SD	Separated
50	E10	Atacs Products Inc.	850 S Cambridge St	Open	Plastics Materials, Synthetic and Resins, and Nonvulcanizabl	N	10/21/10	Followup	Y	S 96th St SD	Separated
50	E10	Avidex	860 S Cambridge St	Open	Miscellaneous Retail Stores, NEC	N	09/16/10	Initial	Y Y	S 96th St SD	Separated
50	E10	9228 10th Ave S	9228 10TH AVE S	Open	Local Trucking Without Storage	Y N	01/06/12	Initial	Y	S 96th St SD	Separated
50 50	E10 E10	Filterfresh Seattle Halfon Candy Co. Inc.	9243 10th Ave S 9229 10th Ave S	Open Open	Direct Selling Establishments Confectionery	N N	11/16/10 11/10/10	Followup Screening		S 96th St SD S 96th St SD	Separated Separated
50	E10	King Electric	855 S BARTON ST	Open	Electric Housewares and Fans	N	02/12/15	Initial		S 96th St SD	Separated
50	E10	Samson Tug and Barge	9228 10TH AVE S	Open	Arrangement of Transportation of Freight and Cargo	Y	01/27/15	Initial	N N	S 96th St SD	Separated
50	E9	9369 8th Ave S	9369 8TH AVE S	Open	Trucking. Except Local	N N	06/26/13	Initial	Y	S 96th St SD	Separated
50	E9	Puget Sound Coatings	9220 8th Ave S	Open	Coating, Engraving, and Allied Services, NEC	Y	09/20/12	Initial	Y	S 96th St SD	Separated
51	A7	Bonnie's 5 Point Cleaners	1000 E Madison St	Open	Garment Pressing, and Agents for Laundries and Drycleaner	N.	03/10/04	Screening	Y	Combined sewer basin	Combined
51	A8	Don's Quality Automotive	1117 12th Ave	Open	General Automotive Repair Shops	N	05/30/04	Followup	Y	Combined sewer basin	Combined
51	A8	12th & Madison Self Storage	1111 E Madison St	Open	General Warehousing and Storage	N	03/31/04	Screening	Υ	Combined sewer basin	Combined
51	A8	Choice Medical Supplies, Inc.	1215 E Union St	Open	Professional Equipment and Supplies, NEC	N	03/18/04	Screening	Υ	Combined sewer basin	Combined
51	A8	Seattle Academy	1201 E Union St	Open	Schools and Educational Services NEC	N	03/18/04	Screening	Υ	Combined sewer basin	Combined
51	A8	The Buzz Shop	1122 E Madison St	Open	Eating Places	N	02/26/07	Screening	Υ	Combined sewer basin	Combined
51	A9	Shell Gas Station	2015 E Union St	Open	Gasoline Service Station	N	05/26/04	Followup	Y	Combined sewer basin	Combined
51	A9	Richlen's Mini-Mart/76 Gas Station	2220 E Union St	Open	Not in Licensing Database	N N	09/20/10	Followup	Y	Combined sewer basin	Combined
51	A9	Community Svc Ctr for the Deaf & Hard of Hearing	1609 19th Ave	Open	Social Services, NEC	N N	03/11/04	Screening	Y	Combined sewer basin	Combined
51	A9	Hearing,, Speach & Deafness Ctr	1625 19th Ave	Open	Miscellaneous Retail Stores, NEC	N N	03/11/04	Screening	Y	Combined sewer basin	Combined
51	A9	Mount Zion Baptist Church	1634 19th Ave	Open	OL'ILDA CAR ON IN	N N	06/01/04	Followup	Y	Combined sewer basin	Combined
51	A9	YMCA of Greater Seattle	1700 23rd Ave E	Open	Child Day Care Services	N	05/03/04	Followup	Y	Combined sewer basin	Combined
51	A9	Girlie Press	1658 21ST AVE	Open	Books: Publishing, or Publishing and Printing	N	10/05/04	Followup	Y Y	Combined sewer basin	Combined
51 51	A9	Ebenezer American Zion Church	1716 23rd Ave	Open	Religious Organizations Maconty Stone Setting and Other Stone Work	N N	03/23/04	Initial	<u> Ү</u>	Combined sewer basin	Combined
51	A9	Rhodes Architectural Stone	2011 E Olive St	Open	Masonry, Stone Setting, and Other Stone Work	IN	03/26/04	Screening	Ť	Combined sewer basin	Combine

Table A-1: Business inspections.

Section	Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type In	n Outfall	Sewer Class
20 As Secret Company	Number	Number						Date	Compl	iance	
20 As Secret Company	F4	40	Halan Amaz Evreitura Inc	0440 5 05 - 04	0	Missellerson Dateil Clares NEC	NI.	00/45/04	lairial V	(Combined a sure basis	O a mala in a si
10											
50 F. Grills 1997-291, Am 19									•		
14			.,		•						
A	51	A9	De' Charlene Beauty & Barber	2108 E MADISON ST	Open	Beauty Shops	N	01/04/05	Screening Y	Combined sewer basin	Combined
67 877 Semin Liferanty 674 Entire RS Cycle Contract Cycles	51	A9	Chester Dorsey Auto Salon & Detail	2227 E Madison Ave	Open		N	12/19/05	Followup Y	Combined sewer basin	Combined
10 Search Reduktions									•		
Description					•				Co.cog .	C CITICAL COTTON DOCUM	
57 Page Bander State A Hermal of Marchan 50 D. Co. Bander 50 D. Co. Bander 50 D. Co. Bander 50 D. Co. Bander 51 D. Co. Bander 52 D. Co. Bander 53 D. Co. Bander 54 D. Co. Bander 55 D. Co. Bander 55 D. Co. Bander 56 D. Co. Bander 57 D. Co. Bander 58 D. Co. Bander 59 D. Co. Bander 50				· · · · · · · · · · · · · · · · · · ·		Offices and Clinics of Doctors of Medicine			Coroning	Combined correl basin	
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57 Public Center M.D. 000 Scotes Ave Open			- · · ·			Offices and Clinics of Dentists					
Part March Materian, LTD. Double				· · · · · · · · · · · · · · · · · · ·							
17 Nove Mythoracy ML	51	В7	Puget Sound Foot & Ankle Center	600 Broadway	Open	Offices and Clinics of Podiatrists	N	06/30/05	Followup Y	Combined sewer basin	Combined
Fig. The Landance Corner Combined Production & Combined Comb					Open				Ociccining	OUTIDITICA SCWCI DASIIT	
51 67 Nelfrest Provinces And Orders Christe Christ 68 1				· · · · · · · · · · · · · · · · · · ·						Combined sewer basin	
FT									•		
1					•				Coroning	Combined correl basin	
67 Therwest Law, M.D., P.S. 500 Bendamin. Open Commission				· · · · · · · · · · · · · · · · · · ·		Offices and Chinics of Doctors of Medicine			Coroning	COMBINE CONTON DOCK	
51 87 Stamp Cereins	-			· · · · · · · · · · · · · · · · · · ·		Offices and Clinics of Doctors of Medicine			••		
For			Kidney Centers								
51 97 Postatheris Colteman Foundation 77 di Bissolvery Continued State Complement and Stagelles N 0.02/5014 hissis Y Contributed secret lasers Continued Complement Compleme	51	B7	Pacific Sleep Center	726 Broadway	Open	Specialty Outpatient Facilities, NEC	N	06/29/04	Screening Y	Combined sewer basin	Combined
Fig.					Open				1 Ollowap 1	Combined correl basin	
Fig. Just M. Reiter, M.D. P. S. 726 Brookney Common 101 Browney Common Street Bearing Combined Street Bearing Common				· · · · · · · · · · · · · · · · · · ·					Ociccining	Odifibilita sewel basili	
87 Swedesh Medical Center						·			IIIIIIai I	Combined sewer basin	
61 B7 Sente University 61 Professional Schools N 03/104 Inferior Y Combined severe basin Combined 5 B7 Sente University 61 Professional Schools N 03/104 Streeming Y Combined severe basin Combined 5 B7 Sentence in the Sentence of the Sente			· · · · · · · · · · · · · · · · · · ·						•		
51 B7 St. Joneshy Staty Comer, Inc. 910 Bolystan Ave Open Industrial and Family Social Sentance N 03/31/04 Screening Y Combined sever basin Combined 5 B7 Swinder Family Medicine 1401 Medicine St. Open Specially Outsider Family Redicine 1401 Medicine 1401 Medicin					•				1 Ollowap 1	Combined correl basin	
51 B7 Greenspace Inc. 910 Boylaton Aw Open Offices and Clinical of Health Practitioners, NEC N 05/15/0 Initial Y Combined sever basin Combined Several Prairie Medicine 140 Missions S Open Secial Province N 06/21/7 Initial Y Combined sever basin Combined Several Province N 12/08/24 Follows Y Combined sever basin Combined Several Province N 12/08/24 Follows Y Combined sever basin Combined Several Province N 12/08/24 Follows Y Combined sever basin Combined Several Province N 12/08/24 Follows Y Combined sever basin Combined Several Province N 12/08/24 Follows Y Combined sever basin Combined Several Province N 12/08/24 Follows Y Combined sever basin Combined Several Province N 14/08/24 Several N 14/08/24											
51 B7 Money Tree 1400 Malation S1 Open Functions Related to Depositivey Banking, NEC N 082107 Initial Y Combined sewer basin Combined S1 B7 Seattle University Engineering Bullding 900 Broadway Open Calesces, University Engineering Bullding 900 Broadway Open Combined Sewer basin Combined Sewer basin Open Sanctive State St						·			••		
51 B7 Seattle University 900 Broadway Open Elementary and Secondary Schools N 12/08/04 Follows Y Combined sewer basin Combined Seattle University Funiversity Funi		B7	Swedish Family Medicine	1401 Madison St	Open		N	07/30/04	Followup Y	Combined sewer basin	Combined
51 87 Seattle University Engineerine Building 900 Broadway Open Colleges, Universities, and Professional Schools N 0663005 Follow, by Y Combined sewer basin Combined 1 87 Daniel S. Frank, MD 1001 Broadway Open Offices and Clinics of Doctors of Medicine N 040904 Screening Y Combined sewer basin Combined			•		•					0000	
Fig. Aurox Medical Services 1001 Broadway Open Offices and Clinics of Doctors of Medicine N 04/80/4 Screening Y Combined sever basin Combined Services Combined Services Combined Combined Services Combined									1 Ollowap 1	Combined correl basin	
51 B7 Daniel S, Frank, MD 1001 Broadway Open Offices and Clinics of Doctors of Medicine N 0409044 Screening Y Combined sewer basin Combined Streening F Combined sewer basin Combined Streening Y Combined sewer basin Combined Streening Y Combined sewer basin Combined Streening Y Combined sewer basin Combined Combined Streening Y Combined sewer basin Combined Streening Y Com				· · · · · · · · · · · · · · · · · · ·					1 Ollowup 1	Odifibilita sewel basili	
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Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type In	Outfall	Sewer Class
Number	Number						Date	Complian	ce	
F1	Do	Dhatagraphia Cantar Narthurat	000 4245 Ave	0505	Vacational Cahacla NEC	NI	02/44/04	laitial V	Combined source basis	Combined
<u>51</u> 51	B8 	Photographic Center Northwest Seattle University	900 12th Ave 901 12th Ave	Open Open	Vocational Schools, NEC Colleges, Universities, and Professional Schools	N N	03/11/04 06/30/05	Initial Y Followup Y	Combined sewer basin Combined sewer basin	Combined Combined
51	B8	Moss Alley Motors, Inc.	932 12th Ave	Open	General Automotive Repair Shops	N	03/09/04	Initial Y	Combined sewer basin	Combined
51	B9	Ezell's Famous Chicken	501 23rd Ave	Open	Eating Places	N	12/04/03	Followup Y	Combined sewer basin	Combined
51	В9	Causey Learning Center	527 23rd Ave	Open	Child Day Care Services	N	04/19/04	Initial Y	Combined sewer basin	Combined
51	B9	Arco AM/PM/E1-Assa/Inc.	665 23rd Ave	Open	Gasoline Service Station	N	11/24/04	Followup Y	Combined sewer basin	Combined
51	B9	NOVA Alternative School	2410 E Cherry St	Open	Elementary and Secondary Schools	N	03/10/04	Initial Y	Combined sewer basin	Combined
51	B9	Madison Park Church of Christ	1115 19th Ave	Open	Religious Organizations	N	05/18/04	Followup Y	Combined sewer basin	Combined
51	C7	Lyn Hair Salon	1042 S Jackson St	Open	Beauty Shops	N	03/18/04	Screening Y	Combined sewer basin	Combined
51	C7	Minh Tam's Market	1040 S Jackson St	Open	Grocery Stores	N	04/15/04	Initial Y	Combined sewer basin	Combined
51	C7	Vietnam House	1038 S Jackson St	Open	Grocery Stores	N	04/19/04	Initial Y	Combined sewer basin	Combined
<u>51</u> 51	C7 C7	Chinn Property Harborview Medical Center	1046 S Jackson St 325 9th Ave	Open	Not in Licensing Database General Medical and Surgical Hospitals	N N	08/04/08 08/05/04	Followup Y Followup Y	Combined sewer basin	Combined Combined
51	C8	Han Han Market	412 12th Ave S	Open Open	Grocery Stores	N N	05/25/04	Followup Y	Combined sewer basin Combined sewer basin	Combined
51	C8	Seattle Automotive Distributing, Inc.	1264 S King St	Open	Motor Vehicle Supplies and New Parts	N N	05/23/04	Followup Y	Combined sewer basin	Combined
51	C8	Anthony's Beauty School	1237 S Jackson St	Open	Beauty Shops	N	04/19/04	Initial Y	Combined sewer basin	Combined
51	C8	Saigon Deli	1237 S Jackson St	Open	Eating Places	N	03/16/04	Initial Y	Combined sewer basin	Combined
51	C8	Pho Bac 1	1314 S Jackson St	Open	Eating Places	N	12/19/03	Followup Y	Combined sewer basin	Combined
51	C8	Thuy Tien Deli	1228 S Jackson St	Open	Eating Places	N	03/17/04	Screening Y	Combined sewer basin	Combined
51	C8	Hoa's Beauty School	1220 S Jackson St	Open	Schools and Educational Services NEC	N	03/16/04	Initial Y	Combined sewer basin	Combined
51	C8	Pho Bac IV	1240 S Jackson St	Open	Eating Places	N	12/19/03	Followup Y	Combined sewer basin	Combined
51	C8	Hien Van Nguyen Chiropractic Clinic	1200 S Jackson St	Open	Offices and Clinics of Chiropractors	N	03/18/04	Screening Y	Combined sewer basin	Combined
51	C8	Nha Hang Ngoc Huong	1200 S Jackson St	Open	Eating Places	N	07/07/04	Followup Y	Combined sewer basin	Combined
51	C8	Thao Thanh Vuong, M.D.	1200 S Jackson St	Open	Offices and Clinics of Doctors of Medicine	N	03/16/04	Initial Y	Combined sewer basin	Combined
51	C8	Vy Da	1200 S Jackson St	Open	Eating Places	N	08/20/04	Followup Y	Combined sewer basin	Combined
51	C8	Jackson Medical Clinic	1200 S Jackson St	Open	Offices and Clinics of Doctors of Medicine	N	04/07/04	Initial Y	Combined sewer basin	Combined
51	C8	Saigon Viet Nam Deli	1200 S Jackson St	Open	Eating Places	N	08/20/04	Followup Y	Combined sewer basin	Combined
51	C8	Automotive Brakes & Service	308 14th Ave S	Open	General Automotive Repair Shops	N N	11/14/03	Followup Y	Combined sewer basin	Combined
51	C8	Salon Lulize	1265 S Main St	Open	Beauty Shops	N	09/16/03	i i i i i i i i i i i i i i i i i i i	Combined sewer basin	Combined
<u>51</u> 51	C8 C8	Jackson Inc. NiNi's Beauty School	303 12TH AVE S 303 12TH AVE S	Open Open	Beauty Shops Schools and Educational Services NEC	N N	03/26/04 03/15/04	Initial Y Screening Y	Combined sewer basin Combined sewer basin	Combined Combined
51	C8	King's Barbecue house	303 12TH AVE S	Open	Eating Places	N N	03/15/04	Screening Y	Combined sewer basin	Combined
51	C8	Phu's Bakery & Deli	1221 S Main St	Open	Eating Places	N N	03/16/04	Screening Y	Combined sewer basin	Combined
51	C8	Tru-Line Frame & Wheel	312 Boren Ave S	Open	Automotive Repair Shops, NEC	N	11/04/03	Followup Y	Combined sewer basin	Combined
51	C8	Operation Nightwatch	302 14th Ave S	Open	Miscellaneous Personal Services, NEC	N	01/28/04	Followup Y	Combined sewer basin	Combined
51	C8	Banh Cuon Tan Dinh Deli	1212 S Main St	Open	Eating Places	N	03/16/04	Screening Y	Combined sewer basin	Combined
51	C8	Sinh Sinh Dong Medicare	200 12TH AVE S	Open	Offices and Clinics of Doctors of Medicine	N	04/07/04	Screening Y	Combined sewer basin	Combined
51	C8	JoJo Salon	200 12TH AVE S	Open	Beauty Shops	N	03/17/04	Screening Y	Combined sewer basin	Combined
51	C8	Malay Satay Hut	212 12th Ave S	Open	Eating Places	N	08/20/04	Followup Y	Combined sewer basin	Combined
51	C8	Seattle Koyasan Church	1518 S Washington St	Open		N	03/23/04	Screening Y	Combined sewer basin	Combined
51	C8	AT Systems	1401 E Yesler St	Open	Detective, Guard, and Armored Car Services	N	08/11/04	Followup Y	Combined sewer basin	Combined
51	C8	City of Seattle - Parks and Recreation	104 17th Ave S	Open	Theatrical Producers	N	10/15/03	Screening Y	Combined sewer basin	Combined
51	C8	Castle Cafe	1715 E Yesler Wy	Open	Eating Places	N N	09/24/03	Initial Y	Combined sewer basin	Combined
51	C8	Kusakabe Professional Corp.	1414 E Yesler Wy	Open	Offices and Clinics of Dentists	N	04/22/04	Followup Y	Combined sewer basin	Combined
51	C8	Urban League of Metropolitan Seattle	105 14th Ave	Open	Amusement and Recreation Services, NEC	N	05/27/04	Followup Y	Combined sewer basin	Combined
51	C8	Seattle Curtain	104 12th Ave	Open	Curtains and Draperies	N N	04/01/04	Followup Y	Combined sewer basin	Combined
51 51	C8 C8	Thanh Son Tofu Saba Ethiopian Restaurant	118 12th Ave 110 12th Ave	Open	Food Preparations, NEC	N N	04/30/04 02/27/04	Followup Y Screening Y	Combined sewer basin Combined sewer basin	Combined Combined
51	C8	Election Distribution Center	1215 E Fir St	Open Open		N N	04/05/04	Followup Y	Combined sewer basin Combined sewer basin	Combined
51	C8	Goodwill Missionary Baptist Church	126 15th Ave S	Open		N	04/01/04	Followup Y	Combined sewer basin	Combined
51	C8	Universal Auto Body & Services	1209 E Fir St	Open	Carwashes	N	12/21/11	Initial Y	Combined sewer basin	Combined
51	C8	Church of Christ	1708 E Fir St	Open	Odi Washios	N	04/22/04	Followup Y	Combined sewer basin	Combined
51	C8	Sons of Haiti	153 14th Ave	Open	Religious Organizations	N	06/16/04	Followup Y	Combined sewer basin	Combined
51	C8	Catholic Church of Holy Martyrs of Vietnam	1230 E Fir St	Open		N	05/05/04	Followup Y	Combined sewer basin	Combined
51	C8	Star Laundry	160 12th Ave	Open	Coin-Operated Laundry and Drycleaning	N	04/27/04	Followup Y	Combined sewer basin	Combined
51	C8	Blue Nile Store	173 16th Ave	Open	Grocery Stores	N	02/25/04	Screening Y	Combined sewer basin	Combined
51	C8	Rotary Boys and Girl Club	201 19th Ave	Open		N	03/12/04	Initial Y	Combined sewer basin	Combined
51	C8	H&I Automotive Inc.	317 12th Ave	Open	General Automotive Repair Shops	N	03/30/04	Screening Y	Combined sewer basin	Combined
51	C8	Jehovah's Witnesses Kingdom Hall	333 19th Ave	Open		N	01/31/05	Followup Y	Combined sewer basin	Combined
51	C9	Afro Mini Store	166 19th Ave	Open	Grocery Stores	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	D10	King Way Food Mart	804 Martin Luther King Jr Wy S	Open	Grocery Stores	N	08/27/03	Screening Y	Combined sewer basin	Combined
51	D10	Grace United Church of Christ	722 30th Ave S	Open	Religious Organizations	N	05/18/04	Followup Y	Combined sewer basin	Combined
51	D10	Central Area Senior Center	500 30th Ave S	Open	Individual and Family Social Services	N N	03/09/04	Initial Y	Combined sewer basin	Combined
51	D7	City of Seattle - Charles Street SDOT	801 S Plummer St	Open		N N	02/16/05	Followup Y	Combined sewer basin	Combined
<u>51</u>	D7	City of Seattle - Charles Street Auto Shop	805 S Charles St	Open	Conoral Automativa Panair Chana	N N	04/09/08	Ociccinity	Combined sewer basin	Combined
51 51	D7 D7	City of Seattle - Charles Street Maintenance Facility	805 S Dearborn ST	Open	General Automotive Repair Shops Regulation Licensing and Inspection of Miscellaneous Comp.	N N	06/15/05	1 Ollowap 1	Combined sewer basin	Combined
51	יט	City of Seattle - Charles Street Testing Station	805 S Dearborn St	Open	Regulation, Licensing, and Inspection of Miscellaneous Comr	IN	02/07/05	Followup Y	Combined sewer basin	Combined

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type In	Outfall	Sewer Class
Number	Number				·		Date	Complia	nce	
<u>51</u> 51	D8 	Scientific Supply & Equipment, Inc. Unique Sign & Design	926 POPLAR PL S 700 RAINIER AVE S	Closed Closed	Professional Equipment and Supplies, NEC Signs and Advertising Specialties	N N	11/06/03 08/29/03	Followup Y Initial Y	Combined sewer basin Combined sewer basin	Combined Combined
51 	D8	Thai Hung Auto Repair	509 RAINIER AVE S	Closed	Business Services, NEC	N N	05/18/04	Followup Y	Combined sewer basin Combined sewer basin	Combined
51	D8	Canton Noodle House	506 12TH AVE S	Open	Dusiness dervices, INEO	N	09/11/03	Initial Y	Combined sewer basin	Combined
51	D8	Lam Seafood	1221 S King St	Open		N	09/11/03	Initial Y	Combined sewer basin	Combined
51	D8	RS Auto Rebuild	1265 S King St	Open	General Automotive Repair Shops	N	09/11/03	Initial Y	Combined sewer basin	Combined
51	D8	Benjamin Moore, Inc.	1213 S King St	Open		N	09/11/03	Initial Y	Combined sewer basin	Combined
51	D8	Mikado Restaurant	1306 S King St	Open	Eating Places	N	02/27/08	Followup Y	Combined sewer basin	Combined
51	E7	Atlantic Place View Condominiums	1111 S Atlantic St	Open	Real Estate Agents and Managers	N	06/17/03	Initial Y	Combined sewer basin	Combined
51	<u>E7</u>	Bella Vista Apartments	1115 S Atlantic	Open		N	06/17/03	Screening Y	Combined sewer basin	Combined
51	E8	Helen B Ratcliff House	1531 13th Ave S	Open	Rooming and Boarding Houses	N	12/02/04	Screening Y	Combined sewer basin	Combined
51	E8	Rainier Corner Deli & Teriyaki	1265 14th Ave S	Open	Eating Places	N	09/04/03	Screening Y Screening Y	Combined sewer basin	Combined
51 51	F8 	Beacon Hill Driving School Work Source	2341 15th Ave S 2531 Rainier Ave S	Open	Schools and Educational Services NEC General Government, NEC	N N	10/14/03 08/09/04	Corooning	Combined sewer basin	Combined Combined
51	F9	Paine Electronics	2401 S Bayview St	Open Open	Industrial Instruments for Measurement, Display, and Control	N N	01/23/04	Followup Y Followup Y	Combined sewer basin Combined sewer basin	Combined
51	F9	United Ocean Seafood Inc.	2209 RAINIER AVE S	Closed	Fish and Seafoods	N	12/03/03	Followup Y	Combined sewer basin	Combined
51	F9	Paine Electronics	2203 23rd Ave S	Open	Industrial Instruments for Measurement, Display, and Control	N	03/30/04	Followup Y	Combined sewer basin	Combined
51	F9	Saigon Billiard	2205 Rainier Ave S	Open	Amusement and Recreation Services, NEC	N	10/23/03	Screening Y	Combined sewer basin	Combined
51	G10	Mekong Rainier Market & Gift	3400 Rainier Ave S	Open	Eating Places	N	09/08/04	Followup Y	Combined sewer basin	Combined
51	G10	Pacific Northwest Orthodontics	2815 S Mc Clellan St	Open	Offices and Clinics of Dentists	N	02/11/04	Initial Y	Combined sewer basin	Combined
51	G6	Votivo, Ltd.	3450 4th Ave S	Open	Nondurable Goods, NEC	N	10/21/03	Followup Y	Combined sewer basin	Combined
51	G6	Commercial Plastics Corp.	3414 4th Ave S	Open	Plastics Products, NEC	N	08/14/03	Initial Y	Combined sewer basin	Combined
51	G6	Paratex	423 S Horton St	Open	Disinfecting and Pest Control Services	N	05/28/03	Screening Y	Combined sewer basin	Combined
51	G7	Senior Services - Minor Home Repair	620 S SPOKANE ST	Closed	Individual and Family Social Services	N	04/01/04	Followup Y	Combined sewer basin	Combined
51	G7	Browne Production Group	3429 Airport Wy S	Open	Photographic Studios, Portrait	N	08/05/03	Screening Y	Combined sewer basin	Combined
51	G7	Unique Art Framing	3429 Airport Wy S	Open	Homefurnishings	N	08/05/03	Initial Y	Combined sewer basin	Combined
51	G7	Alaska Silk Pie	3429 Airport Wy S	Open		N	07/28/03	Screening Y	Combined sewer basin	Combined
51	G7	Big Top Studio	3429 Airport Wy S	Open	D 11 0 1 NF0	N N	08/05/03	Initial Y	Combined sewer basin	Combined
51	G7	All Ports Trading Co. LLC	3429 Airport Wy S	Open	Durable Goods, NEC	N	10/16/03	Followup Y	Combined sewer basin	Combined
<u>51</u> 51	G7	Evergreen Marketing Inc.	3429 Airport Wy S	Open	Trucking Eveent Leed	N N	07/28/03	Octobring	Combined sewer basin	Combined
51 	G7 G7	West Coast Trucking Stove Depot USA	3433 Airport Wy S 3429 Airport Wy S	Open Open	Trucking, Except Local Miscellaneous Homefurnishings Stores	N N	07/28/03 08/18/03	Screening Y Screening Y	Combined sewer basin Combined sewer basin	Combined Combined
51	G7	JEMCO, Inc.	901 S Hinds St	Open	Recreational Vehicle Dealers	N	12/19/03	Followup Y	Combined sewer basin	Combined
51	G7	Fabriform Plastics Inc.	3300 Airport Wy S	Open	Plastics Products, NEC	N	11/21/07	Followup Y	Combined sewer basin	Combined
51	G8	Jefferson Park Family Medicine	2902 Beacon Ave S	Open	Offices and Clinics of Doctors of Medicine	N	07/17/14	Followup Y	Combined sewer basin	Sanitary
51	G9	Jorve Roofing	3215 M L KING JR WAY S	Open	Roofing, Siding, and Sheet Metal Work	N	03/21/12	Followup Y	Combined sewer basin	Combined
51	H10	Hollywood Nails	4203 Rainier Ave S	Open	Beauty Shops	N	02/04/04	Initial Y	Combined sewer basin	Combined
51	H10	Ky Van Tran, M.D.	4203 Rainier Ave S	Open	Offices and Clinics of Doctors of Medicine	N	03/02/04	Initial Y	Combined sewer basin	Combined
51	H10	Quan P. Le, M.D.	4069 Rainier Ave S	Open	Offices and Clinics of Doctors of Medicine	N	05/05/04	Followup Y	Combined sewer basin	Combined
51	H10	Jone's Clavier Academy of Music, Inc.	3847 Rainier Ave S	Open	Schools and Educational Services NEC	N	07/09/04	Followup Y	Combined sewer basin	Combined
51	H10	WestCoast Auto Body	3815 Rainier Ave S	Open	Top, Body, and Upholstery Repair Shops and Paint Shops	N	01/22/04	Initial Y	Combined sewer basin	Combined
51	H10	Game Crazy	3820 Rainier Ave S	Open	Video Tape Rental	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	H10	Hollywood Video	3820 Rainier Ave S	Open	Video Tape Rental	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	H10	Laundromat	3820 Rainier Ave S	Open	Coin-Operated Laundry and Drycleaning	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	H10	RadioShack	3820 Rainier Ave S	Open	Radio, Television, and Consumer Electronics Stores	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	H10	Longs Drugs	3820 Rainier Ave S	Open	Drug Stores and Proprietary Stores	N	06/16/04	Followup Y	Combined sewer basin	Combined
51 51	H10 H10	Puget Sound License Agency Taco Bell	3820 Rainier Ave S 3820 Rainier Ave S	Open	Business Services, NEC Eating Places	N N	02/27/04 02/25/04	Screening Y Screening Y	Combined sewer basin Combined sewer basin	Combined Combined
51	H10	Washington Mutual	3820 Rainier Ave S	Open Open	Federal Reserve Banks	N N	03/01/04	Screening Y	Combined sewer basin Combined sewer basin	Combined
51	H10	Starbucks	3820 Rainier Ave S	Open	Eating Places	N	03/01/04	Screening Y	Combined sewer basin	Combined
51	H10	Best Beauty Supply	3820 Rainier Ave S	Open	Miscellaneous Retail Stores, NEC	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	H10	The Silver Fork	3800 Rainier Ave SE	Open	Eating Places	N	02/27/04	Screening Y	Combined sewer basin	Combined
51	H10	Custom Steel Fabricators, Inc.	3530 Rainier Ave S	Open	Special Trade Contractors, NEC	N	02/23/04	Initial Y	Combined sewer basin	Combined
51	H10	Tacos El Asadero	3513 Rainier Ave S	Open	Eating Places	N	07/29/04	Followup Y	Combined sewer basin	Combined
51	H2	7 Eleven	3280 SW Avalon WY	Open	Not in Licensing Database	N	11/19/09	Initial Y	Combined sewer basin	Combined
51	H2	British Auto Center Limited	2938 SW Avalon Wy	Open		N	04/12/06	Initial Y	Combined sewer basin	Combined
51	H3	Elliott Paint Company	3838 Delridge Wy SW	Closed	Painting and Paper Hanging	N	05/09/07	Initial Y	Combined sewer basin	Combined
51	H4	West Seattle Recycling, Inc	3881 16th Ave SW	Open	Scrap and Waste Materials	N	04/13/10	Screening Y	Combined sewer basin	Combined
51	H4	A+ Storage Container & Modification Inc.	3800 WEST MARGINAL WAY SW	Open	Not in Licensing Database	N	05/21/13	Followup Y	Combined sewer basin	Combined
51	H4	Bob's Boat Shop	3800 WEST MARGINAL WAY SW	Open	Boat Building and Repairing	N	05/21/13	Followup Y	Combined sewer basin	Combined
51	H6	Cascade Designs	3857 2nd Ave S	Closed	Metals Service Centers and Offices	N	11/29/11	Initial Y	Combined sewer basin	Combined
51	H6	C.C. Filson Co.	3851 1st Ave S	Open	Apparel and Accessories, NEC	N	08/04/04	Followup Y	Combined sewer basin	Combined
51	H6	Compton Lumber & Hardware	3847 1st Ave S	Open	Lumber and Other Building Materials Dealers	N N	04/06/04	Followup Y	Combined sewer basin	Combined
51 51	H6 H7	Coastwide Laboratories	3800 1ST AVE S	Closed	Industrial Supplies Direct Mail Advertising Services	N N	04/23/03	1 Ollowap 1	Combined sewer basin	Combined
51 51	H7 Н7	Lacy & Par Sysco	660 S Industrial Wy 654 S Industrial Wy	Open Open	Direct Mail Advertising Services	N N	09/08/03 06/18/03	Followup Y Screening Y	Combined sewer basin Combined sewer basin	Combined Combined
51 51	п <i>т</i>	Laird Plastics	650 S Industrial Wy	Open	Plastics Materials and Basic Forms and Shapes	N N	09/08/03	Followup Y	Combined sewer basin Combined sewer basin	Combined
υı	п/	Laiiu Fiasiics	000 S muustiai vv y	Open	i iastics iviateriais and dasic futtis and shapes	IN	09/06/03	rollowup Y	Combined Sewel Dasin	Combined

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES		Last Visit Type Ir	n Outfall	Sewer Class
Number	Number						Date	Compl	iance	
		D. W. O	4000 4:		W 4: U 5: 14: 0 F5 : 10		07/17/00			2 1: 1
51 51	<u>H7</u> H7	Pacific Coastal Sales, Inc. Teriaki Plus	4020 Airport Wy S 4001 Airport Wy S	Open Open	Warm Air Heating and Air-Conditioning Equipment and Supp Eating Places	N N	07/17/03 05/15/03	Screening Y Screening Y	Combined sewer basin Combined sewer basin	Combined Combined
51	H7	My Favorite Deli	4005 Airport Wy S	Open	Eating Places	N	05/15/03	Screening Y	Combined sewer basin	Combined
51	H7	Ontario Hotel	4003 Airport Wy S	Open	Hotels and Motels	N	05/15/03	Screening Y		Combined
51	H7	Action Communications, Inc.	4000 Airport Wy S	Open	Electronic Parts and Equipment, NEC	N	02/17/04	Followup Y	Combined sewer basin	Combined
51	H7	Continental Western Corporation	3925 9th Ave S	Open	Industrial Supplies	N	06/05/03	Screening Y	Combined sewer basin	Combined
51	H7	Flynn's Restaurant	3923 AIRPORT WAY S	Open	Eating Places	N	07/24/03	Initial Y	Combined sewer basin	Combined
51	H7	Goldie's Inc.	3924 Airport Wy S	Closed	Eating Places	N	08/28/07	Initial Y	Combined contentación	Combined
51 51	H7 H7	Barr Transmission Fleshtone Media LLC	3913 Airport Wy S 3909 Airport Wy S	Open Open	Automotive Transmission Repair Shops	N N	10/30/03 08/14/03	Followup Y Screening Y	COMBINION CONTON DUCIN	Combined Combined
51 51	п <i>т</i>	David Huchthausen Studio	3911 Airport Wy S	Open	Glass Products Made of Purchased Glass	N N	08/14/03	Screening Y	Combined Sewer Dasin	Combined
51	H7	Carlson Audio Systems	3801 Airport Wy S	Open	Electrical Work	N	07/24/03	Initial Y		Combined
51	H7	US Club House Home & Garden	3810 Airport Wy S	Open	Ornamental Floriculture and Nursery Products	N	12/04/03	Followup Y		Combined
51	H7	Westfire Coastal, Inc.	3710 Airport Wy S	Open	Electrical Work	N	07/15/03	Screening Y	Combined sewer basin	Combined
51	H7	Puget Sound Truck Lines, Inc.	3720 Airport Wy S	Closed		N	07/28/03	Followup Y	Combined Sewer Dasin	Combined
51	H8	Seattle Parks Dept - Citywide Horticulture Center	1600 S Dakota St	Open		N	04/07/04	Followup Y	Combined sewer basin	Combined
51	H8	Jefferson Park Golf Course Restaurant	4101 Beacon Ave S	Open	Eating Places Public Golf Courses	N N	07/16/03	Screening Y	Combined sewer basin	Combined
51 51	H8 H8	Jefferson Park Golf Maintenance Building Jefferson Park Golf Course Clubhouse	4101 Beacon Ave S 4101 Beacon Ave S	Open Open	Public Golf Courses Public Golf Courses	N N	08/08/11 08/08/11	Initial Y Initial Y	COMBINION CONTON DUCIN	Combined Combined
51	но Н9	Screenmakers Northwest	3925 Martin Luther King Jr Wy S	Open	Miscellaneous Retail Stores, NEC	N	02/03/04	Initial Y	Combined Sewer Basin	Combined
51	H9	Dalsan Mini Mart	3925 Martin Luther King Jr Wy S	Open	Miscolaricous (Ctali Otorcs, NEO	N	02/05/04	Screening Y	Combined sewer basin	Combined
51	l1	Mercer Automotive Group LLC	4457 Fauntleroy Way SW	Open	General Automotive Repair Shops	N	04/12/06	Initial Y		Combined
51	I10	Columbia Pharmacy	4741 Rainier Ave S	Open	Drug Stores and Proprietary Stores	N	02/10/04	Screening Y	Combined sewer basin	Combined
51	I10	Columbia City Chiropractic	4739 Rainier Ave S	Open	Offices and Clinics of Chiropractors	N	04/14/04	Followup Y	Combined sewer basin	Combined
51	I10	Rainier Valley Cultural Center	3515 S Alaska St	Open	Membership Organizations, NEC	N	04/14/04	Followup Y	OOITIDIITICA SCWCI DASIIT	Combined
51	I10	Clayton VW Repair	4709 Martin Luther King Jr Wy S	Open	Auto and Home Supply Stores	N	03/03/04	Initial Y	Combined sewer basin	Combined
<u>51</u> 51	110 I10	Columbia Funeral Home	4567 Rainier Ave S 4531 Rainier Ave S	Open	Funeral Services and Crematories	N N	04/14/04	Followup Y Screening Y	Combined sewer basin	Combined Combined
51 51	I10	Best Cleaning Concepts Wholesale Transmissions	4531 Rainier Ave S 4527 Rainier Ave S	Open Open	Building Cleaning and Maintenance Services, NEC Automotive Transmission Repair Shops	N N	02/10/04 11/10/05	Screening Y Followup Y	COMBINION CONTON DUCIN	Combined
51	I10	Speedy Glass	4243 Rainier Ave S	Open	Paint, Glass, and Wallpaper Stores	N	02/04/04	Initial Y	Combined Sewer Busin	Combined
51	I10	Rainier Valley Chiropractic P.S.	4236 36th Ave S	Open	Offices and Clinics of Chiropractors	N	09/03/04	Followup Y	Combined sewer basin	Combined
51	I10	Super Saver Furniture	4208 Rainier Ave S	Open	Miscellaneous Retail Stores, NEC	N	12/15/04	Followup Y	Combined sewer basin	Combined
51	l11	Fashion Nail & Hair	4851 Rainier Ave S	Open	Beauty Shops	N	01/27/04	Screening Y	Combined sewer basin	Combined
51	l11	Books 4 Cars	4850 37th Ave S	Open		N	01/29/04	Screening Y	Combined control bacin	Combined
51	<u> </u>	Shola Grocery Deli	3810 S Edmunds St	Open	Grocery Stores	N	12/23/09	Audit Y	OOITIDIITICA SCWCI DASIIT	Combined
51	<u> </u>	Bank of America	4825 Rainier Ave S	Open	Federal Reserve Banks	N N	04/01/04	Followup Y	Combined sewer basin	Combined
<u>51</u> 51	<u> </u>	The Mustard Seed Starbucks Coffee	4811 Rainier Ave S 4824 Rainier Ave S	Open Open	Record and Prerecorded Tape Stores Eating Places	N N	02/04/04 02/04/04	Screening Y Screening Y	Combined Sewer Dasin	Combined Combined
51	I11	Sweet Pea's	4820 Rainier Ave S	Open	Used Merchandise Stores	N	02/04/04	Screening Y	COMBINION CONTON DUCIN	Combined
51	l11	Image Star Shots	4801 Rainier Ave S	Open	Photofinishing Laboratories	N	06/16/04	Followup Y		Combined
51	l11	Columbia Plaza	4801 Rainier Ave S	Open	Operators of Nonresidential Buildings	N	04/14/04	Followup Y		Combined
51	l11	Consejo Counseling & Referral Service	3808 S Angeline St	Open	Individual and Family Social Services	N	02/04/04	Screening Y	Combined sewer basin	Combined
51	<u> </u>	Burdick's Security	4728 Rainier Ave S	Open	Security Systems Services	N	05/21/04	Followup Y	Combined sewer basin	Combined
51	<u> </u>	U.S. Post Office	3727 S Alaska St	Open	United States Postal Service	N	04/14/04	Followup Y	COMBINION CONTON DUCIN	Combined
<u>51</u>	<u> </u>	Rainier Pacific Management Irena M. Baker DDS	4714 Rainier Ave S 4704 RAINIER AVE S	Open	Management Services Offices and Clinics of Dentists	N N	05/13/04 04/14/04	Followup Y	OUTIDITION SOWER DUSITI	Combined Combined
51 51		Farmers Insurance Group	3601 S Alaska St	Open Open	Insurance Agents, Brokers, and Service	N N	02/10/04	Followup Y Screening Y	Combined sewer basin Combined sewer basin	Combined
51	i11	Seattle Parks Dept - Rainier Community Center	4600 38th Ave S	Open	Individual and Family Social Services	N	02/04/04	Screening Y		Combined
51	l12	Q.C. Cleaners	5000 S Genesee St	Open	Drycleaning Plants, Except Rug Cleaning	N	02/18/04	Screening Y		Combined
51	13	South West Plumbing	2401 SW Alaska St	Open	Plumbing, Heating, and Air-Conditioning	N	12/01/06	Followup Y	Combined sewer basin	Combined
51	16	Alaskan Copper & Brass	4700 Colorado Ave S	Open	Steel Pipe and Tubes	N	08/31/10	Followup Y	Combined sewer basin	Combined
51	18	Verity Credit Union	1660 S Columbian Wy	Open	Credit Unions, Federally Chartered	N	05/19/03	Screening Y	Combined sewer basin	Combined
51	18	Family Chiropractic Health Clinic, Inc. P.S.	4346 15th Ave S	Open	Offices and Clinics of Chiropractors	N	05/19/03	Initial Y	Combined contentación	Combined
<u>51</u> 51	<u>I8</u> J11	Beacon Hill Foods Halai Meat	4347 15th Ave S 4419 S Brandon St	Open	Grocery Stores Grocery Stores	N N	06/25/03 01/26/04	Screening Y Initial Y	Combined Sewer Basin	Combined Combined
51	J11	Avan Internet Coffee Shop	5400 Rainier Ave S	Open Open	Eating Places	N N	01/26/04	Screening Y	Combined Sewer Basin	Combined
51	J11	Radio Hart's	5303 Rainier Ave S	Open	Electrical and Electronic Repair Shops, NEC	N	03/04/04	Followup Y	Combined sewer basin Combined sewer basin	Combined
51	J11	Group Health Cooperative	5316 Rainier Ave S	Open	Offices and Clinics of Doctors of Medicine	N	05/18/04	Followup Y		Combined
51	J11	K-1 Auto Body Shop	5223 Rainier Ave S	Open	Top, Body, and Upholstery Repair Shops and Paint Shops	N	07/21/04	Followup Y		Combined
51	J11	Isaacs Chiropractic Clinic	5200 Rainier Ave S	Open	Offices and Clinics of Doctors of Osteopathy	N	07/07/04	Followup Y	Combined Sewer Basin	Combined
51	J11	Pac Staff	5102 Rainier Ave S	Open	Employment Agencies	N	01/21/04	Screening Y	Combined sewer basin	Combined
51	J11	In Sync Giftware	5100 Rainier Ave S	Open	Gift, Novelty, and Souvenir Shops	N	01/21/04	Screening Y	Combined sewer basin	Combined
51	J11	Dubb City	5022 RAINIER AVE S	Closed	General Automotive Repair Shops	N	04/14/05	Followup Y	Combined contentación	Combined
51	J11	Haramain Mini-Market	5020 Rainier Ave S	Open	Eating Places	N N	07/09/10	Screening Y	Combined sewer basin	Combined
<u>51</u> 51	J11 J11	New Freeway Hall Columbia City Beauty Salon	5018 Rainier Ave S 4901 Rainier Ave S	Open Open	Beauty Shops	N N	02/11/04 01/27/04	Screening Y Screening Y	Combined Sewer Basin	Combined Combined
51	J11	Matthiesen's Flowers	4873 Rainier Ave S	Open	Florists	N	01/27/04	Screening Y	Combined sewer basin	Combined
	U 1 1		.575 (\allinot /\v0.0	Орсп	. 1011010	14	J 1/2//UT	Coroning I	Combined Govern Dadill	Combined

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type	In	Outfall	Sewer Class
Number	Number						Date	Co	mpliance		
							21/2=/21		.,		
51	J11	Suzy Meyers	3830 S Ferdinand St	Open		N N	01/27/04	Screening	Y Y	Combined sewer basin	Combined
51 51	J11 J11	Soreano's Hatfield Plumbing & Heating Co., Inc. Pet Elegance	3704 S Ferdinand 4863 Rainier Ave S	Open Open	Miscellaneous Retail Stores. NEC	N N	01/12/04 01/27/04	Initial Screening	Y	Combined sewer basin Combined sewer basin	Combined Combined
51	J11	Garde Rail Gallery	4860 Rainier Ave S	Open	Miscellaneous Retail Stores, NEC	N	01/27/04	Screening		Combined sewer basin	Combined
51	J12	Christien Church Rainier	4620 S Findlay St	Open	Religious Organizations	N	01/21/04	Screening	Y	Combined sewer basin	Combined
51	J12	Seward Park Chiropractic	5370 Wilson Ave S	Open	Offices and Clinics of Chiropractors	N	02/18/04	Screening	Y	Combined sewer basin	Combined
51	J12	Rex's Service	5059 Wilson Ave S	Open	Business Services, NEC	N	05/18/04	Followup	Y	Combined sewer basin	Combined
51	J12	PCC Natural Markets	5041 Wilson Ave S	Open	Grocery Stores	N	06/22/04	Followup	Υ	Combined sewer basin	Combined
51	J12	PC International Inc.	5044 Wilson Ave S	Open	Miscellaneous Retail Stores, NEC	N	02/18/04	Screening	Υ	Combined sewer basin	Combined
51	J3	Alki Beach Boats	5050 Delridge Wy SW	Open	Boat Dealers	N	09/06/06	Initial	Υ	Combined sewer basin	Combined
51	J5	Argo Blower	5400 E Marginal Wy S	Open	Industrial and Commercial Fans and Blowers and Air Purifica	N	04/28/08	Followup	Υ	Combined sewer basin	Combined
51	J5	Can Do Services Pacific NW	53 S Dawson St	Open		N	05/10/11	Followup	Υ	Combined sewer basin	Combined
51	J5	Loomis	5200 E Marginal Wy S	Open	Detective, Guard, and Armored Car Services	N	05/10/11	Followup	Υ	Combined sewer basin	Combined
51	J5	Balzer Pacific Equipment Co.	5047 Colorado Ave S	Open	Nondurable Goods, NEC	N	12/04/03	Initial	Y	Combined sewer basin	Combined
51	J5	Charlie's Produce	5047 Colorado Ave S	Open	General Automotive Repair Shops	N	06/06/06	Initial	Y	Combined sewer basin	Combined
51	J5	Big Brothers Big Sisters of Puget Sound	5023 Colorado Ave S	Open	Used Merchandise Stores	N	11/17/09	Followup	Y	Combined sewer basin	Combined
51	J5	Colorado Building LLC	5021 Colorado Ave S	Open	Not in Licensing Database	N N	06/03/10	Followup	Y	Combined sewer basin	Combined
51 51	J5 	KR Powell & Co LLC Exhibit Design Consulting	5017 Colorado Ave S 111 S Findlay ST	Open Open	Fabricated Structural Metal Business Services, NEC	N N	03/04/15	Initial	N	Combined sewer basin	Combined Combined
51		Impression Printing	222 S Lucile St	Open Open	Commercial Printing, NEC	N N	05/24/05 03/17/09	Screening Followup	Y Y	Combined sewer basin Combined sewer basin	Combined
51		Mojo Systems	128 S LUCILE ST	Open Open	Commercial Finding, NEC	N N	03/17/09	Initial	Y	Combined sewer basin Combined sewer basin	Combined
51	J6	T & T Truck and Trailer Repair	5300 1st Ave S	Open		N N	08/09/05	Followup	Y	Combined sewer basin	Combined
51	J6	Electro Mechanical Company	411 S Dawson St	Open	Business Services, NEC	N	01/31/06	Followup	Y	Combined sewer basin	Combined
51	J6	Fryer Knowles, Inc	205 S Dawson St	Open	Terrazzo, Tile, Marble, and Mosaic Work	N	12/02/03	Initial	Y	Combined sewer basin	Combined
51	J6	Modine Western	115 S Dawson St	Open	Motor Vehicle Supplies and New Parts	N	03/09/04	Followup	Y	Combined sewer basin	Combined
51	J6	Rabanco	54 S Dawson St	Open	Local Trucking Without Storage	N	12/11/03	Initial	Y	Combined sewer basin	Combined
51	J6	Iridio	5050 1st Ave S	Open	Business Services, NEC	N	12/12/08	Initial	Υ	Combined sewer basin	Combined
51	J6	Interior Environments Inc.	5035 1st Ave S	Open	Furniture Stores	N	11/24/03	Initial	Υ	Combined sewer basin	Combined
51	J6	Hudson Bay Insulation	220 S Dawson St	Open	Plastering, Drywall, Acoustical, and Insulation Work	N	11/20/03	Initial	Υ	Combined sewer basin	Combined
51	J6	McKinstry	220 S Dawson	Open	Business Services, NEC	N	09/14/12	Initial	Υ	Combined sewer basin	Combined
51	J6	McKinstry Company	5005 3rd Ave S	Open	Business Services, NEC	N	09/14/12	Initial	Υ	Combined sewer basin	Combined
51	J6	Northwave	5000 1st Ave S	Open	Business Services, NEC	N	10/30/03	Initial	Υ	Combined sewer basin	Combined
51	J8	Cleveland High School	5511 15th Ave S	Open	Elementary and Secondary Schools	N	05/17/04	Followup	Υ	Combined sewer basin	Combined
51	K11	Time - 4 - Nails	5731 Rainier Ave S	Open	Beauty Shops	N	01/26/04	Screening	Y	Combined sewer basin	Combined
51	K11	Roe Milton R	5717 Rainier Ave S	Open	Drinking Places	N	01/21/04	Screening	Y	Combined sewer basin	Combined
51	K11	A.E. Raketley, Co.	5716 Rainier Ave S	Open	Nondurable Goods, NEC	N	02/05/04	Screening	Υ	Combined sewer basin	Combined
51	K11	New york Nails & Waxing	5614 Rainier Ave S	Open	Beauty Shops	N	01/26/04	Screening	Y	Combined sewer basin	Combined
51	K5	Longview Fibre	5901 E Marginal Wy S	Open	Nondurable Goods, NEC	N	10/06/09	Followup	Y	Combined sewer basin	Combined
51	K6	I Luv Teriyaki	6500 4th Ave S	Open Open	Eating Places	N	04/21/09	Initial	Y	Combined sewer basin	Combined
51	K6	Mobile Crane	5900 2nd Ave S	Open	Heavy Construction Equipment Rental and Leasing	N	09/09/08	Followup	Y	Combined sewer basin	Combined
51	K6	SPU Spoils Yard	5821 1st Ave S	Open	Not in Licensing Database	N N	04/23/08	Screening		Combined sewer basin	Combined
51	K6	Great Sun Corp	5930 1ST AVE S	Open	Service Establishment Equipment and Supplies	N N	01/30/15	Initial	N Y	Combined sewer basin	Combined
51 51	K7 K7	Rosso Gardens Versailles Stone	6404 Ellis Ave S 6314 7th Ave S	Open	Flowers, Nursery Stock, and Florists Supplies Not in Licensing Database	N N	09/21/09 12/17/09	Followup	V	Combined sewer basin Combined sewer basin	Combined Combined
	K7	Benz Friendz	6249 Flora Ave S	Open	General Automotive Repair Shops	N N	08/07/08	Followup Followup	V	Combined sewer basin	Combined
51 51	K7	Shell Gas Station & Food Mart	6200 Corson Ave S	Open Open	Gas and Other Services Combined	N	09/01/09	Followup	Y	Combined sewer basin	Combined
51	K8	NW Truck Transmission Inc.	6327 18th Ave S	Open	General Automotive Repair Shops	N	11/29/04	Followup		Combined sewer basin	Combined
51	K8	Nichols Truck Tire	6311 Corgiat Dr S	Open	Auto and Home Supply Stores	N	02/28/05	Followup	Y	Combined sewer basin	Combined
51	K8	Perspective Image	6309 Corgiat Dr S	Open	Photographic Studios, Portrait	N	06/17/04	Screening	Y	Combined sewer basin	Combined
51	K8	Atlas Paving Co.	6259 Airport Wy S	Open	Highway and Street Construction, Except Elevated Highways	N	08/26/08	Followup	Y	Combined sewer basin	Combined
51	K8	Washington Square Fruit & Produce	1622 S GRAHAM ST	Open	Fresh Fruits and Vegetables	N	08/02/11	Screening	Ý	Combined sewer basin	Combined
51	K8	Marine Vacuum Service	1516 S Graham St	Open	Repair Shops and Related Services, NEC	N	07/25/12	Initial	Y	Combined sewer basin	Combined
51	K8	Cacallori Marble	1535 S Albro St	Open	Terrazzo, Tile, Marble, and Mosaic Work	N	11/09/09	Followup	Υ	Combined sewer basin	Combined
51	L2	Thien-An Baptist Church	2900 SW Myrtle St	Open	· · ·	N	03/07/06	Followup	Υ	Combined sewer basin	Combined
51	L6	Industrial Container Services	7152 1ST AVE S	Open	Musical Instruments Stores	N	01/22/13	Initial	Υ	Combined sewer basin	Sanitary
51	L6	Koike Seafood Inc	500 S River St	Open	Fish and Seafoods	N	08/30/12	Followup	Υ	Combined sewer basin	Combined
51	L6	Donut Factory LLC	6560 5th Ave S	Open	Retail Bakeries	N	06/05/09	Followup	Υ	Combined sewer basin	Combined
51	L7	Markey	7266 8th Ave S	Open	Construction Machinery and Equipment	N	07/19/06	Followup	Y	Combined sewer basin	Combined
51	L7	Auburn West Enterprises, LLC	7201 E Marginal Wy S	Open	Local Trucking Without Storage	N	06/30/09	Initial	Υ	Combined sewer basin	Combined
51	L7	FleetMasters Inc.	7130 8th Ave S	Open	Business Services, NEC	N	09/04/09	Followup	Υ	Combined sewer basin	Combined
51	L7	Federal Aviation Administration	6526 Ellis Ave S	Open		N	11/09/04	Followup	Y	Combined sewer basin	Combined
51	L8	Neon Sign Systems	6606 Ursula PI S	Open	Public Building and Related Furniture	N	06/09/04	Initial	Υ	Combined sewer basin	Combined
51	L8	Pacific Multiforms Co., Inc.	6600 URSULA PL S	Open	Commercial Printing, NEC	N	07/01/04	Followup	Υ	Combined sewer basin	Combined
51	L8	Envelope Converting Service	6603 Ursula Ave S	Open	Envelopes	N	01/05/09	Followup	Y	Combined sewer basin	Combined
51	L8	Ferguson Property	1915 Ursula PI S	Open	Executive Offices	N	08/05/04	Followup	Υ	Combined sewer basin	Combined
51	L8	AV Factory	1900 S Corgiat Dr	Open	Equipment Rental and Leasing, NEC	N	09/24/04	Followup	Y	Combined sewer basin	Combined
51	L8	Puget Sound Energy	6500 Ursula Ave S	Open	Natural Gas Transmission and Distribution	N	10/27/04	Followup	Υ	Combined sewer basin	Combined

Table A-1: Business inspections.

Мар	Grid	DBAName	Address	Status	Description	NPDES	Last Visit	Last Visit Type	ln	Outfall	Sewer Class
Number	Number						Date		Compliance		
51	M6	Glitsa American, Inc.	327 S KENYON ST	Closed	Homefurnishings	N	04/07/08	Followup	V	Combined sewer basin	Combined
51	M6	Coach Maintenance	255 S Holden St	Open	Top, Body, and Upholstery Repair Shops and Paint Shops	N N	12/11/09	Initial	Y	Combined sewer basin	Sanitary
51	M6	American Environmental Construction LLC	7417 4th Ave S	Open	General Contractors - Single-Family Houses	N	11/01/12	Followup	Y	Combined sewer basin	Sanitary
51	M7	Smith Berger Marine Inc.	7915 10th Ave S	Open	Boat Building and Repairing	N	05/21/09	Followup	Y	Combined sewer basin	Combined
51	M7	Evergreen Refrigeration Inc.	727 S Kenyon St	Open	Plumbing, Heating, and Air-Conditioning	N	04/09/03	Initial	Y	Combined sewer basin	Combined
51	M7	Drainage System Cleaning	813 S KENYON ST	Open		N	06/24/13	Followup	Y	Combined sewer basin	Combined
51	M7	AIC International	736 S Chicago St	Open	Management Services	N	03/18/09	Followup	Υ	Combined sewer basin	Combined
51	N7	National Products Inc (UNICORPORATED KC)	8410 Dallas Ave S	Open	Transportation Equipment and Supplies, Except Motor Vehicl	N	10/10/08	Followup	Υ	Combined sewer basin	Combined
51	N7	BFC Architectural Metals Inc.	8300 7th Ave S	Open	Architectural and Ornamental Metal Work	N	10/23/09	Followup	Υ	Combined sewer basin	Combined
51	N7	National Products Inc.	1025 S Elmgrove St	Open	Not in Licensing Database	N	12/08/10	Initial	Y	Combined sewer basin	Combined
51	N7	National Products Inc.	1017 S Elmgrove St	Open	Transportation Equipment and Supplies, Except Motor Vehicl	N	12/08/10	Initial	Y	Combined sewer basin	Combined
51	N7	Green Day Trading and Recycling Co.	747 S MONROE ST	Open	Not in Licensing Database	N	10/30/14	Followup	Y	Combined sewer basin	Sanitary
51	O3	Aquarist World	9409 Delridge Wy SW	Open	Miscellaneous Retail Stores, NEC	N	07/23/12	Initial	Y	Combined sewer basin	Combined
51	04	Fuel Tank Installation Co. Inc.	9403 15th Ave SW	Open	Heavy Construction NEC	N	01/10/10	Followup	Y	Combined sewer basin	Combined
51	O5	SPD Mounted Horse Patrol	9300 8th Ave SW	Open	Not in Licensing Database	N	04/21/08	Screening	Y	Combined sewer basin	Combined
51	08	Heartwood Inc	1414 S Director St	Open	Furniture Stores	N	04/06/11	Screening	Y	Combined sewer basin	Combined
51	08	Southend Quality Auto Care	8902 14TH AVE S	Open		N	04/23/14	Initial	Y	Combined sewer basin	Combined
51	08	Centro America Body Shop	8902 14TH AVE S	Closed		N	06/17/14	Followup	Y	Combined sewer basin	Combined
51	08	South Park 76th Station	8819 14th Ave S	Open	Not in Licensing Database	N	12/28/10	Followup	Υ	Combined sewer basin	Combined
51	P11	Ohno Construction Company	9416 Martin Luther King Jr Wy S	Open	Heavy Construction NEC	N	06/23/11	Followup	Υ	Combined sewer basin	Sanitary

Note: Businesses listed in alphabetical order					and implement spill response es	or purchase adequate spill response	educate employees	roper permit for facility discharge	nt pretreatment for discharge	pretreatment system	d eliminate leaks and spills from areas	licit connection	charge process wastewater to	nt proper fueling operations	nt proper housekeeping	nt proper material transfer practices	nt proper washing practices	orm drain facility parts accessible	or damaged components to storm lifty need replacing	NPDES permit for discharge	perform maintenance of vehicles pment	store containerized materials	store non-containerized materials	ain facility needs to be cleaned	designate waste	dispose of waste	document waste disposal	store product/waste	label Containers	ופקומטים תפטומתפים יאיניון יייייייייייייייייייייייייייייייייי
					Develop	Improve	Properly	Obtain p	Impleme	Maintain	Clean an	Correct il	Don't dis stormdra	Impleme	Impleme	Impleme	Impleme	Make sto	Missing o	Obtain N	Properly and equi	Properly	Properly	Storm dr	Properly	Properly	Properly	Properly	Properly	container
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAST	E						٤	STORM	WATER								HAZ	ARDOU	IS WAST	IE .	
*Masons Supply Co.	5004 2ND AVE S	Diagonal SD	03/19/03	2	1																					1		\rightarrow	-+	_
1-World Globes & Maps, LLC	1605 S Jackson St	Diagonal SD	11/18/11	5	1	1	1													1				1						
3D Plastics LLC	5024 Ohio Ave S	Diagonal SD	09/21/09	3	1	1	1						-						4									\rightarrow	-+	
4101 W Marginal Way SW Business Park 4800 Denver Avenue Facility	4101 W Marginal Wy SW 4800 Denver Ave S	SW Dakota St SD Diagonal SD	04/30/10 07/21/05	1 1					+			+							1					1				+	-+	-
7 Eleven Store # 2360-24497C	2009 Rainier Ave S	Diagonal SD	09/23/10	2															1					1						
A & E Auto Repair Inc.	7902 9th Ave SW	Highland Park Way SD	04/12/10	6	1	1	1										1					1				1				
A Better Roofing Company Inc. A-1 Auto Repair & Towing, Inc.	4126 Airport Wy S 1821 Rainier Ave S	Diagonal SD Diagonal SD	01/10/12 01/20/04	<u>4</u> 6	1	1	1					+	+				1							1			-	1	1	
A-1 Auto Repair & Towing, Inc. A-1 Auto Repair & Towing, Inc.	1821 Rainier Ave S	Diagonal SD	08/09/07	6	1	1	1				1				1		-							1				-		
Aamco Transmission	2107 23rd Ave S	Diagonal SD	03/09/12	3	1		1																							
Aamco Transmission	2107 23rd Ave S	Diagonal SD	03/31/14	3								-	_				1				1		1						\rightarrow	
ABC Towing ABM Janitorial Services Northwest	710 S Dakota St 2001 22ND AVE S	Diagonal SD Diagonal SD	05/15/03 03/21/13	<u>2</u> 6	1	1	1					+	_	-	1		1							1		1		1	-	
Abodian	2024 21ST AVE S	Diagonal SD	03/21/13	6	1	1	1								1					1				1				$\overline{}$	-	
Ace Tank and Fueling Equipment	6703 EAST MARGINAL WAY S	S Brighton St SD	01/09/09	3	1												1									1		$\overline{}$		
Acme Construction Supply Co., Inc. Acme Construction Supply Co., Inc.	4747 1st Ave S 4747 1st Ave S	Diagonal SD Diagonal SD	03/24/03 01/18/13	<u>2</u> 6	1		1					-	-		1		1		1				1	1			-	\rightarrow		
ACRS	3639 M L KING JR WAY S	Diagonal SD	06/17/14	6		1	1					1	1				-						- '	1						
Action Communications, Inc.	4000 Airport Wy S	Diagonal CSO	05/13/03	1																				1						
Active Environmental Inc	4001 16th Ave SW	SW Dakota St SD	03/25/10	3	1		1					-	_						1									\rightarrow	\rightarrow	
Active Environmental Inc Active Gear	4001 16th Ave SW 4412 4th Ave S	SW Dakota St SD Diagonal SD	06/19/14 03/20/03	3 1								+	_	-	1									1		1		\rightarrow	-	
Adhesa Plate	4000 7th Ave S	Diagonal SD	05/15/03	1					1																			$\overline{}$	-	
Aero Motel Inn	7240 E Marginal Wy S	Slip 4	04/25/05	2								1																1	=	
Aeroflight (TUKWILA) Affordable Auto Wrecking	8555 Perimeter Rd S 9750 M L KING JR WAY S	Slip 5 KCIA SD #2 Norfolk SD/CSO/EOF	08/12/04 03/14/13	1 4	1	1	1					-	-			1											-	\rightarrow		
Affordable Auto Wrecking Affordable Auto Wrecking	9750 M L KING JR WAY S	Norfolk SD/CSO/EOF	03/14/13	4		- '						+	_	_	1								1	1		1		\rightarrow	-+	
Affordable Auto Wrecking	9802 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	08/03/04	4	1	1	1																					1		
Affordable Auto Wrecking	9802 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	10/26/05	2	1		1					-		-																
African Northwest Inc. Afrikando Banadir	470 S Kenyon St 5212 RAINIER AVE S	7th Ave S SD Diagonal CSO	09/11/09 02/03/04	5 2	1	1	1						_		1											1		1	\rightarrow	
Afrikando Banadir	5212 RAINIER AVE S	Diagonal CSO	03/26/13	3	1	1	1								· '														-	
Agbar Technologies, Inc.	3820 6th Ave S	Diagonal SD	07/25/03	4	1	1	1																	1						
AIC International Air Cold Supply	736 S Chicago St	Duwamish (NEC) CSO	02/06/09	5 4	1		1						_											1		1		1	-+	
Air Lift Northwest	594 S Dawson St 6987 Perimeter Rd S	Diagonal SD Slip 4	07/23/07 09/20/04	3	1	1	1					+	_	_														\rightarrow	-+	
Airclean Technologies Inc	4725 W Marginal Wy SW	SW Idaho St SD	03/18/10	6	1	1	1								1		1							1						
Airgas	4401 Airport Wy S	Diagonal SD	05/20/03	5	1		1					-	_											1		1		1	\rightarrow	
Airgas Airgas	4401 Airport Wy S 4401 Airport Wy S	Diagonal SD Diagonal SD	05/13/08 02/06/13	4	1	1					1		_	-					1					1				1	\rightarrow	
Airpac Airlines	7001 Perimeter Rd S	Slip 4	09/20/04	2	1		1																							
Airport Towing	301 S Sullivan St	7th Ave S SD	12/07/09	5	1	1	1												1					1						
Alaska Logistics Alaska Logistics	7400 8TH AVE S 7400 8TH AVE S	Slip 4 Slip 4	06/22/04 06/24/08	5 9	1	1	1				1		_		1								1	1		1		1	1	
Alaska Marine Lines	5600 WEST MARGINAL WAY SW	T115/Kenny SD	01/30/06	6	1	<u> </u>	1				1				1								<u> </u>	1		<u>' ' </u>		1		
Alaska Marine Lines	5600 WEST MARGINAL WAY SW	T115/Kenny SD	08/01/13	7	1								1	1	1								1	1		1				
Alaska Marine Lines	5615 W Marginal Wy SW	T115/Kenny SD	03/31/06	1	4								-		4		4			4		4		1				\rightarrow	-+	
Alaska Marine Lines Alaskan Copper & Brass	5615 W Marginal Wy SW 3200 6th Ave S	T115/Kenny SD Diagonal SD	08/01/13 04/29/08	5 	1	\vdash			+		1	+	+		1		1			1		1			1			1	+	-
Alaskan Copper & Brass	3200 6th Ave S	Diagonal SD	07/28/10	1											1															
Alaskan Copper & Brass	3200 6th Ave S	Diagonal SD	11/06/13	1								1																二	<u> </u>	
Alaskan Copper & Brass Alaskan Copper & Brass	3223 6TH AVE S 3223 6TH AVE S	Diagonal SD Diagonal SD	04/29/08 07/28/10	6 1	1				+		1	+			1										1			1	1	
Alaskan Copper & Brass	3223 6TH AVE S 3223 6TH AVE S	Diagonal SD	11/06/13	1					+ +			1	+		<u> </u>												_	+	-+	
Alaskan Copper & Brass	3300 6th Ave S	Diagonal SD	06/05/03	2	1	1																						二		
Alaskan Copper & Brass	3300 6th Ave S	Diagonal SD	04/29/08	3	1				+			_												1				1	$ \Gamma$	
Alaskan Copper & Brass Alaskan Copper & Brass	3300 6th Ave S 3300 6th Ave S	Diagonal SD Diagonal SD	07/28/10 11/06/13	1 1		\vdash			+			1	+	-	1					-					-		-	\rightarrow	-+	
Alaskan Copper & Brass	3301 6th Ave S	Diagonal SD	04/29/08	2	1							<u> </u>												1						
					•																					-	-			

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		I	ND WAST	Έ							STORM	WATER	₹							HA	ZARDO	US WAS	STE
Alcelon Conner 9 Brees	2204 04h Aves C	Diamonal CD	07/00/40																										
Alaskan Copper & Brass Alaskan Copper & Brass	3301 6th Ave S 3317 6th Ave S	Diagonal SD Diagonal SD	07/28/10 04/29/08	<u> </u>	1			\vdash							1														
Alaskan Copper & Brass	3317 6th Ave S	Diagonal SD	07/28/10	1				\vdash							1														
Alaskan Copper & Brass	3317 6th Ave S	Diagonal SD	11/06/13	1								1																	
Alaskan Copper & Brass	3400 6TH AVE S	Diagonal SD	06/05/03	4	1	1	1																	1					
Alaskan Copper & Brass	3405 6TH AVE S	Diagonal SD	06/05/03	5	1	1						1		1										1					
Alaskan Copper & Brass	3405 6TH AVE S	Diagonal SD	04/29/08	4	1			$\sqcup \sqcup$	1				-											1				1	1
Alaskan Copper & Brass	3405 6TH AVE S 3405 6TH AVE S	Diagonal SD	07/28/10 11/07/13	2 1				\vdash	+		+	1	1		1								\vdash				\vdash		
Alaskan Copper & Brass Alaskan Copper & Brass	4700 Colorado Ave S	Diagonal SD Duwamish (NEC) CSO	07/28/10	1 4				\vdash	+			1	-		1				1	1				1					
Alexander Lighting	6719 E Marginal Wy S	S Brighton St SD	08/05/09	3	1	1	1		+				_		'				<u>'</u>										
Algas-SDI International LLC	151 S Michigan St	S River St SD	10/02/08	12	1	1					1		1		1					1			1	1		1	1	1	
Algas-SDI International LLC	151 S Michigan St	S River St SD	04/12/12	1																		1							
Algas-SDI International LLC	151 S Michigan St	S River St SD	04/23/14	1																				1					
All City Fence Co.	2345 RAINIER AVE S	Diagonal SD	10/21/03	4	1	1	1		-										1							-			
All City Fence Co.	36 S Hudson St	Diagonal SD	02/23/09	4	1	1	1	\vdash	-				_											1					
All City Fence Co. All Metal Arts Seattle	36 S Hudson St 7800 7th Ave S	Diagonal SD 7th Ave S SD	10/10/13 10/01/09	3	1	1		\vdash				1											1	1					
All Ports Trading Co. LLC	3429 Airport Wy S	Diagonal CSO	08/05/03	2	1	1		\vdash				1	_																
Allied Furniture Clinic	1716 21st Ave S	Diagonal SD	06/11/10	4	1	1	1																					1	
Alpine Auto Sales	6722 Fox Ave S	S Brighton St SD	06/30/09	15	1	1	1				1				1		1				1	1	1		1	1	1	1	1 1
Alpine Auto Sales	6722 Fox Ave S	S Brighton St SD	04/05/12	3																		1						1	1
Aluminum & Bronze Fabricators	6301 W Marginal Wy SW	T115/Kenny SD	03/24/06	7	1	1	1						1											1				1	1
Aluminum & Bronze Fabricators	6301 W Marginal Wy SW	T115/Kenny SD	07/30/10	9	1	1									1		1		1	1				1		1	1		
Amazinan Civil Constructors West Coast Inc.	2646 Rainier Ave S	Diagonal SD	11/18/14	3	1	1	1	\vdash				-		4	4						4								
American Civil Constructors West Coast Inc. American Environmental Construction LLC	700 S RIVERSIDE DR 7417 4th Ave S	7th Ave S SD Trotsky Inlet	01/11/10 11/16/07	5 4	1		1						1	1	1						1			1					
American Northwest Import and Distribution	7910 OCCIDENTAL AVE S	1st Ave S SD-west	02/06/14	3		1	1						- '											'					
American Red Cross	1900 25th Ave S	Diagonal SD	10/23/03	2									1											1					
American Red Cross	1900 25th Ave S	Diagonal SD	01/05/11	2											1									1					
Ameriflight	7575 Perimeter Rd S	Slip 5 KCIA SD #2	06/04/04	6	1	1	1					1												1				1	
Andy Ide	4740 Airport Wy S	Diagonal SD	10/11/12	4	1	1							1													1			
Anthony Construction Inc.	8110 7th Ave S	7th Ave S SD	09/24/09	6		1		\vdash	-				-									1				1			1
Apex Facility Resources Apex Facility Resources	4435 Colorado Ave S 4435 Colorado Ave S	Diagonal SD Diagonal SD	07/26/07 08/29/12	<u>4</u> 5	1	1	1	\vdash	+				1		1		1						\vdash				\vdash		
Apex Facility Resources Aquatic Enterprises, Inc.	4101 W Marginal Wy SW	SW Idaho St SD	03/11/10	3	<u>'</u>	'	- 1	\vdash	+ +				1		'		- 1		1	1			\vdash				\vdash		
Arco am/pm #81706	427 12th Ave	Diagonal CSO	03/31/04	3	1	1	1						<u> </u>						Ė	·									
Arco AM/PM/E1-Assa/Inc.	665 23rd Ave	Diagonal CSO	04/01/04	4	1	1	1																	1					
Arco Marginal Way	7200 EAST MARGINAL WAY S	Slip 4	10/12/04	5	1	1																1		1					
Arctic Commercial Refrigeration Inc.	4050 EAST MARGINAL WAY S	Diagonal SD	07/26/07	4	1	1	1	\vdash	+		+		1													-			
Arctic Ice Cream Novelties Area Distributors Northwest Inc.	1901 23RD AVE S 3623 6th Ave S	Diagonal SD Diagonal SD	10/16/03 11/17/10	2 4	1	1	1	\vdash	+		1		+		1								\vdash				\vdash	1	
Argo Blower	5400 E Marginal Wy S	Duwamish (NEC) CSO	01/29/08	6	1	1			+				_		1									1		1			
ASA Mercer Middle School	1600 Columbian Wy	Diagonal SD	06/20/03	1																				1					
AT Systems	1401 E Yesler St	Diagonal CSO	03/04/04	5	1	1									1		1												
Atacs Products Inc.	850 S Cambridge St	S 96th St SD	09/16/10	3	1		1	\sqcup	1			-												_,			H		
Atlas Paving Co.	6259 Airport Wy S	Duwamish (NEC) CSO	07/02/08	9	1	1	1	\vdash	+			-	4		1								\vdash	1		1	1	1	1
Atlas Supply Atlas Supply	611 S Charlestown St 611 S Charlestown St	Diagonal SD Diagonal SD	06/24/03 04/05/11	3	1			\vdash	+				1		1											1			
Audio-Visual Products, Inc.	812 S Dakota St	Diagonal SD	06/11/03	2					+				1		'		1									<u> </u>			
Auto Quest	4115 4th Ave S	Diagonal SD	03/17/03	6		1							1				1					1		1				1	
Auto Quest	4115 4th Ave S	Diagonal SD	05/03/06	5	1	1	1								1								1						
Auto-Chlor System	4315 7th Ave S	Diagonal SD	06/23/03	1				1																					
AutoZone #4121	306 23rd Ave S	Diagonal SD	10/25/11	4	1	1	1	$\vdash \vdash$	+				_								1		\vdash				\vdash		
AV Factory	1900 S Corgiat Dr	Duwamish (NEC) CSO	05/19/04	2				\vdash	+			-	-						1				\vdash	1			\vdash		
B & G Machine Inc. Bader & Olson	11 S Nevada St 601 S Andover St	S Nevada St SD Diagonal SD	04/28/14 09/23/11	1 4	1	1	1	\vdash	+				_										\vdash	1			\vdash		
Bailey Gazert Elementary School	1301 E Yesler Wy	Diagonal SD Diagonal SD	10/15/03	7	1		1	\vdash	+ +		+		+									1		1				1	1
Bailey Gazert Elementary School	1301 E Yesler Wy	Diagonal SD	05/24/07	5	1	1	1		1									1						1				· ·	
	2028 21st Ave S	Diagonal SD	09/14/10	3					_				1				1			1					_				$\overline{}$

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical	containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAST	E				_			TORM	VATER								HAZ	ARDOL	JS WAS	TE	
Bamboo Hardwoods Inc.	510 S Industrial Wy	Diagonal SD	08/14/03	1								+	_											1					_	_
Bamboo Hardwoods Inc.	510 S Industrial Wy	Diagonal SD	08/19/11	5	1	1	1												1					1					$\overline{}$	
Bamboo Hardwoods Manufacturing Co	4100 4th Ave S	Diagonal SD	08/19/11	7	1	1	1								1				1			1		1						
Bank of America	4825 Rainier Ave S	Diagonal CSO	01/28/04	1								-												1						
Barcodes West LLC Barr Transmission	2755 AIRPORT WAY S 3913 Airport Wy S	Diagonal SD Diagonal CSO	01/16/14 07/02/03	2 4	1	1	1		+			+	_		1									1				-	-	
Bartell Drugs	4711 DENVER AVE S	Diagonal SD	03/18/03	5	1	1	1						1															1		
Bartell Drugs	4727 DENVER AVE S	Diagonal SD	08/03/12	4	1	1	1																	1						
Bartell Drugs #63	2345 RAINIER AVE S	Diagonal SD	09/17/14	4	1	1	1						_											1				\Box		
Bartell Drugs Distribution BAX Global	4140 E Marginal Wy S 8201 Perimeter Rd S	Diagonal SD Slip 5 KCIA SD #2	08/05/11 08/12/04	5 2	1	1	1					-			1					1										
Beacon Hill Dental Associates	3051 Beacon Ave S	Diagonal SD	03/20/13	2		'				1				+												1			\rightarrow	
Beacon Market	2500 Beacon Ave S	Diagonal SD	02/12/14	5	1	1	1								1		1													
Beckwith and Kuffel Inc.	5930 1st Ave S	Duwamish East Direct	01/14/09	2																				1				1		
Bendokas Painting Company, Inc.	805 Rainier Ave S	Diagonal SD	09/04/03	7	1	4	4					-	_	-	4								1			4		-	-	
Best Auto Repair Center	6249 Flora Ave S 2114 22nd Ave S	Duwamish (NEC) CSO Diagonal SD	04/08/08 04/19/12	9	1	1	1				1			-	1	1					1	1	1			1		1	1	_
Big Dipper Wax Works Inc.	700 S Orchard St	S Myrtle St SD	03/16/12	4	1	1	1								· ·					1		- i						-		
Big Leaf Manufacturing Co.	1128 Poplar PI S	Diagonal SD	01/21/11	5	1	1	1												1					1						
Big People Scooters	3861 1st Ave S	Diagonal SD	12/03/10	3	1	1	1					-							_											
Bill Hatch Sports Bill's Mobile Service	4202 6th Ave S 7265 2nd Ave S	Diagonal SD Trotsky Inlet	06/25/03 10/03/07	9	1	1	1							-	1				1		1	1	1	1				1	1	
Bill's Mobile Service	7265 2nd Ave S	Trotsky Inlet	08/20/09	6	· ·						1				1						1	1						1	1	
Bill's Mobile Service	7265 2nd Ave S	Trotsky Inlet	04/24/12	5							1				1						1	1	1							
Blaine Memorial United Methodist Church	3001 24th Ave S	Diagonal SD	02/18/04	1	_	4						-												1						
Blanchard Auto Electric/Automotive Service Co. Boom Boys Cranes LLC	640 S Spokane St 7400 8th Ave S	Diagonal SD Slip 4	07/28/03 04/15/10	2 8	1	1	1					1		1	1					1	1									
Boom Boys Cranes LLC	7400 8th Ave S	Slip 4	05/16/12	3	· ·										1					·	1			1					-	
Borracchini Foods	2001 S PLUM ST	Diagonal SD	10/24/13	2	1																			1						
Botanical Designs Inc.	4201 AIRPORT WAY S	Diagonal SD	08/27/14	5	1	1	1					-	-		1							4		1						
Boyer Logistics Boyer Logistics	7318 4th Ave S 7318 4th Ave S	Duwamish West Direct Duwamish West Direct	01/30/03 05/03/07	6 4	1	1	1				1		1	-								1		1						
Boyer Logistics	7318 4th Ave S	Duwamish West Direct	08/03/12	2							<u> </u>			1								1							-	
Braicks Construction Inc	309 S Cloverdale St	7th Ave S SD	06/19/08	3	1	1																				1				
Broadway Sports & Internal Medicine	600 Broadway	Diagonal CSO	03/31/04	3		1			1			-														1				
Budd & Co. Budget Batteries	800 Rainier Ave S 2006 Rainier Ave S	Diagonal SD Diagonal SD	11/22/10 10/16/03	6	1	1			+	-	1	+	1	+	1		-							1	1			1	-	—
Budget Batteries	2006 Rainier Ave S	Diagonal SD	12/05/05	3		1													1					1						
Budget Batteries	2006 Rainier Ave S	Diagonal SD	10/30/07	6	2																									
Bud's Auto & Truck Burdick's Security	750 S Orchard St 4728 Rainier Ave S	S Myrtle St SD Diagonal CSO	01/24/12 01/29/04	11 1	1	1	1					+			1					1	1		1	1		1	1	1	1	
Burger King - Rainier	2021 Rainier Ave S	Diagonal SD	10/21/11	3	1	1	1					+												- '					\rightarrow	
Bush Woodcraft	841 RAINIER AVE S	Diagonal SD	08/18/03	3																				1		1	1			
Bush Woodcraft	841 RAINIER AVE S	Diagonal SD	08/31/07	3										-										1		1	1			
BYG Maintenance BYG Taxi Co-op	74 S Hudson St 74 S Hudson St	Diagonal CSO Diagonal SD	11/24/03 08/12/03	1	1							+	1	-														-	-+	_
Byrne Specialty Gases, Inc.	601 S Andover St	Diagonal SD	06/05/03	1									<u> </u>											1					$\overline{}$	
C & C Food Store	3002 Beacon Ave S	Diagonal SD	05/23/03	8	1	1	1								1				1					1		1		1		
C & C Food Store	3002 Beacon Ave S	Diagonal SD	10/29/07	7	1	1	1					-			1									1		1		1		
C & C Food Store C.C. Filson Co.	3002 Beacon Ave S 3851 1st Ave S	Diagonal SD Diagonal CSO	12/15/11 02/19/04	<u>6</u> 2	1	1	1							-			1		1					1					1	
Cacallori Marble	1535 S Albro St	Duwamish (NEC) CSO	09/28/09	1																				1						
Caffe D'Arte LLC	719 S Myrtle St	S Myrtle St SD	03/16/12	5		1	1				1	_								1										
Caliber Inspection	7724 7th Ave S	7th Ave S SD	08/26/09	5	1	4		\vdash	-		1	+-	-		1				4		1					1		\rightarrow	-+	_
Caliber Inspection CalPortland - Seattle Aggregate Yard	7500 Perimeter Rd S 4002 WEST MARGINAL WAY SW	Slip 5 KCIA SD #2 Duwamish West Direct	08/18/04 06/02/06	<u>5</u>	1	1			+			+	1						1						1	1		-		-
Camerich	6767 E Marginal Wy S	Duwamish East Direct	08/05/09	3		1	1																							
Campus Shell Service Station	700 12th Ave	Diagonal CSO	03/11/04	1																				1						
Can Do Services Pacific NW	53 S Dawson St	Diagonal CSO	02/17/11	4	1	1	1		-			-	_						1											
Canton Noodle House	506 12TH AVE S	Diagonal CSO	09/11/03	1				<u> </u>																		1				

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	M Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Proper	Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		'	ND WASI	-						,	SIORIVI	WAIER	`							ПА	ZAKDU	JS WAS	,1E	
Cascade Columbia Distribution	6900 Fox Ave S	S Brighton St SD	03/16/12	2	1		1		-				_																-+	
Cascade Designs	130 S Dakota St	Diagonal SD	03/13/03	1																				1					-+	
Cascade Designs	3800 1st Ave S	Diagonal SD	03/13/03	9	1	1	1								1								1			1	1	1	1	
Cascade Designs	3857 2nd Ave S	Diagonal CSO	03/13/03	7	1	1	1		\perp						1							1	1					1	T	
Cascade Designs	4000 1st Ave S 4000 1st Ave S	Diagonal SD	03/13/03 09/18/07	10	1	1	1		+ +			-	-	-	1				1				\vdash	1		1		1	1	_1
Cascade Designs Cascade Designs	4000 1st Ave S 4000 1st Ave S	Diagonal SD Diagonal SD	11/27/13	2 2					+ +			+	+				1							1		1			-+	-
Cascade Designs	4225 2nd Ave S	Diagonal SD	03/13/03	7	1		1					1	1										1					1	-+	
Cascade Designs	4225 2nd Ave S	Diagonal SD	11/03/06	2	1	1																								
Cascade Designs	4225 2nd Ave S	Diagonal SD	11/27/13	1					\perp													1							-	
Cascade Engine Center Cascade Fuel Oil Distributing Company	9800 40TH AVE S 925 Hiawatha PI S	Norfolk SD/CSO/EOF	09/19/05 01/05/11	1 4	1				-			-					1		1					1				1		
Cascade Machinery & Electric, Inc.	4600 E Marginal Wy S	Diagonal SD Diagonal SD	03/14/03	6	1	1	1						1				1							- '				1	1	
Cascade Machinery & Electric, Inc.	4600 E Marginal Wy S	Diagonal SD	01/18/13	3											1											1		1		
Cascade Motor Inc.	9650 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	12/01/05	2	1		1																							
Cash & Carry #583	1915 21st Ave S	Diagonal SD	02/11/10	6	1	1	1		-						1						-	1		1						
Cash & Carry #583 Catholic Church of Holy Martyrs of Vietnam	1915 21st Ave S 1230 E Fir St	Diagonal SD Diagonal CSO	04/18/14 03/08/04	5 1	1	1	1		-			-			1							1		1				_		
Catholic Community Services of King County	100 23rd Ave S	Diagonal SD	09/18/03	2								-			1									1					-+	
Catholic Printery Inc.	6327 WEST MARGINAL WAY SW	T115/Kenny SD	03/13/06	2															1					1						
Catholic Printery Inc.	6327 WEST MARGINAL WAY SW	T115/Kenny SD	06/26/08	2													1							1						
Catholic Printery Inc.	6327 WEST MARGINAL WAY SW	T115/Kenny SD	04/28/14	3	1	1	1		-												-									
CDL Recycle	7201 E Marginal Wy S	Slip 4 Other	06/30/09	2 1					-			-			1									1				_		
Cedrus Technologies Inc. Center For Career Alternatives	3922 6TH AVE S 901 Rainier Ave S	Diagonal SD Diagonal SD	08/13/03 08/13/03	3																				1		1	1		\rightarrow	
Certainteed Gypsum	5931 E Marginal Wy S	Duwamish East Direct	05/12/09	5		1							1		1	1												1	$\overline{}$	
Certainteed Gypsum	5931 E Marginal Wy S	Duwamish East Direct	10/05/10	2											1	1														
Certainteed Gypsum	5931 E Marginal Wy S	Duwamish East Direct	01/07/14	5	1								1				1						1	1						
Charlie's Produce Charlie's Produce	3844 1st Ave S	Diagonal SD	03/14/03	3	1	1	1		-			-									-			1						
Charlie's Produce Charlie's Produce	3844 1st Ave S 3844 1st Ave S	Diagonal SD Diagonal SD	12/01/05 10/06/11	3 4	1	1	1				1									1		1		1						
Charlie's Produce	3844 1st Ave S	Diagonal SD	02/12/14	7	1	1	1				<u> </u>				1				1	<u> </u>		1		1					$\overline{}$	
Charlie's Produce	4103 2nd Ave S	Diagonal SD	03/14/03	3	1		1																	1						
Charlie's Produce	4103 2nd Ave S	Diagonal SD	12/12/05	4	1	1	1						1																	
Charlie's Produce Chau's Complete Auto Repair	4103 2nd Ave S 509 Rainier Ave S	Diagonal SD Diagonal SD	10/06/11 11/18/10	3 4	1	1			-		1	1					1				1								\rightarrow	
Chelan MFG Co. Inc	5901 W Marginal Wy SW	T115/Kenny SD	07/01/06	6	1	1	1						_		1		- '				-							1	1	
Chelan MFG Co. Inc	5901 W Marginal Wy SW	T115/Kenny SD	08/26/09	4	-																	1		1	1	1		-		
Chemithon	5430 W Marginal Wy SW	Duwamish West Direct	04/28/06	4	1			1						1										1						
Chester Dorsey Auto Salon & Detail	2227 E Madison Ave	Diagonal CSO	02/07/05	4	1	1	1					-	1																	
Chiles & Company Property Management Chinese Baptist Church	2212 S Jackson St 5801 BEACON AVE S	Diagonal SD Slip 4	09/16/03 07/26/04	2									_											1		1			\rightarrow	
Christine Pham	2326 Rainier Ave S	Diagonal SD	01/26/11	1																				1		<u> </u>			$\overline{}$	
Church of Christ	1708 E Fir St	Diagonal CSO	03/08/04	1																								1		
Churchkey Can Co.	4700 Ohio Ave S	Diagonal SD	04/11/12	6	1	1	1	1				_								1		1								
City Art Works at Pratt Fine Arts Center City Commerce Park	1902 S MAIN ST 3849 1st Ave S	Diagonal SD Diagonal SD	10/02/13 05/08/03	<u>5</u> 1			1					1	1											1	1				\rightarrow	
City Commerce Park	3849 1st Ave S	Diagonal SD	10/11/10	2									_						1					1					-	
City of Seattle - Charles Street Auto Shop	805 S Charles St	Diagonal CSO	08/24/04	5	1	1	1																	1				1		
City of Seattle - Charles Street Maintenance Facility	805 S Dearborn ST	Diagonal CSO	07/28/04	3											1								1	1						
City of Seattle - Charles Street SDOT	801 S Plummer St	Diagonal CSO	09/01/04	3	1				+			-		\vdash	1								\vdash						1	
City of Seattle - Charles Street Testing Station City of Seattle - Charles Street Truck Shop	805 S Dearborn St 815 S Dearborn St	Diagonal CSO Diagonal CSO	09/03/04 08/24/04	3 4	1	1	1		+	1	+		-	1					-		-				_				\rightarrow	-
City of Seattle - Charles Street Truck Shop City of Seattle-OCC	2700 Airport Wy S	Diagonal CSO Diagonal SD	10/06/03	3	'	1			+ +	'	+	1	+		1									1					+	-
City of Seattle-OCC	2700 Airport Wy S	Diagonal SD	11/06/07	4	1							Ľ			1									1				1		
City of Seattle-OCC	2700 Airport Wy S	Diagonal SD	09/30/10	8		1							1		1		1		1					1		1		1		
CL Auto Repair	2901 17TH AVE S	Diagonal SD	05/21/03	8	1	1	1		1						1								1	1				1	1	
CL Auto Repair	2901 17TH AVE S	Diagonal SD	12/15/04	3	4	1	4		+		1	-	-	-	1		4			-			1				1	1	\rightarrow	—
CL Auto Repair Classic Helicopters	2901 17TH AVE S 6505 Perimeter Rd S	Diagonal SD Slip 4	08/10/07 08/05/04	9 3	1	1	1		+		1		+		1		1		-				1		-		1	1	\rightarrow	_
οιασοίο η ισιιούριστο	0000 Fellinetel Ku S	Oilþ 4	00/05/04	<u> </u>		1	1														1									

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properl	Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		'	ND WASTE								STORM	WATER	!							HA	ZARDOL	JS WAS	TE	
Clay Lacy Aviation	8285 Perimeter Rd S	Slip 5 KCIA SD #2	08/04/04	3	1	1											1												\rightarrow	
Cleanscapes	5939 4th Ave S	Duwamish (NEC) CSO	08/14/08	<u>5</u>		1					1		_		1		'									_		1	\rightarrow	
Cleanscapes Inc	7303 8TH AVE S	Duwamish East Direct	04/18/13	3										1											1				1	
Clear Channel Outdoor	3601 6th Ave S	Diagonal SD	06/27/03	1																							1			
Clear Channel Outdoor CMARR	3601 6th Ave S 1216 S Weller St	Diagonal SD	07/13/12	6	1				+	_		-	-		1						\vdash		1		_	1		1	1	
Coast Crane Company	1216 S Weller St 8250 5th Ave S	Diagonal SD 7th Ave S SD	11/10/11 10/23/12	3	1				+ +			1	+		1							1		1	+	+		1	\rightarrow	
Coastwide Laboratories	3800 1ST AVE S	Duwamish (NEC) CSO	03/11/03	1	1				1						-							'						\rightarrow	\rightarrow	
Color Graphics Inc.	1421 S Dean St	Diagonal SD	09/04/03	4	1										1									1				1		
Color Graphics Inc.	1421 S Dean St	Diagonal SD	10/08/07	2		1																		1						
Color Graphics Inc.	1421 S Dean St	Diagonal SD	05/27/10	3 4				\vdash				-			1							4	1	1	_	-		-	_	
Color Graphics Inc. Columbia City Chiropractic	1421 S Dean St 4739 Rainier Ave S	Diagonal SD Diagonal CSO	06/20/12 02/12/04	1											1							1		1					1	
Columbia Funeral Home	4567 Rainier Ave S	Diagonal CSO	01/29/04	1																				1					\rightarrow	
Columbia Plaza	4801 Rainier Ave S	Diagonal CSO	01/29/04	1																				1						
Commercial Fence Corp.	150 SW MICHIGAN ST	Duwamish West Direct	05/19/10	3											1		1			1										
Commercial Floor Distributors Inc.	6000 W Marginal Wy SW	T115/Kenny SD	11/28/12	6	1	1	1	\vdash				-	1		1								1	1	_	-		-		
Commercial Floor Distributors Inc. Commercial Warehouse Co., Inc.	210 S River St 3623 6th Ave S	S River St SD Diagonal SD	06/18/09 06/18/03	5 3	1	1	1						1											1					\rightarrow	
Community House Mental Health Agency	2212 S JACKSON ST	Diagonal SD	10/15/14	1	<u> </u>	<u> </u>																		1					\rightarrow	
Compton Lumber & Hardware	3847 1st Ave S	Diagonal CSO	02/13/04	3	1	1	1																							
Concept Asia Food Services LLC	1222 S Weller St	Diagonal SD	01/06/11	4	1	1	1	Ш.			1															-				
Concrete Restoration Inc ConGlobal Industries	4025 WEST MARGINAL WAY SW 1 S IDAHO ST	SW Idaho St SD	03/18/10 04/09/09	14 14	1	1	1	1		1	1	-	-		1		1				1	1	1		1	1	1	1	1	
ConGlobal Industries ConGlobal Industries	1 S IDAHO ST	Diagonal SD Diagonal SD	11/14/12	2	<u>'</u>	- '	1			-	1		1		1						- '		1		<u>'</u>	- '		1		
Consistent Coatings Inc	719 S Riverside Dr	7th Ave S SD	10/01/09	3	1	1	1																						$\overline{}$	
Consolidated Press	600 S Spokane St	Diagonal SD	08/19/03	2	1	1																								
Container Care Inc.	1 S IDAHO ST	Diagonal SD	03/28/03	2								-										1						1		
Continental Van Lines Continental Van Lines	4501 WEST MARGINAL WAY SW 4501 WEST MARGINAL WAY SW	SW Idaho St SD SW Idaho St SD	03/16/10 10/28/14	3 1	1			\vdash					-					1						1		-			\longrightarrow	
Control Contractors	1128 POPLAR PL S	Diagonal SD	08/27/03	2									_						1					1					\rightarrow	
Control Contractors Inc.	5300 Denver Ave S	Diagonal SD	01/28/11	3	1	1	1												•										\rightarrow	
Copiers Northwest Inc	615 S ALASKA ST	Diagonal SD	04/10/14	1																				1						
Copiers Northwest Inc.	601 S Alaska St	Diagonal SD	09/21/10	3	1	1	1					-																		
Corporate Jets, Inc COSTCO Wholesale	8167 Perimeter Rd S 4401 4th Ave S	Slip 5 KCIA SD #2 Diagonal SD	08/05/04 03/20/03	1 1	1			\vdash	+			-	_											1					\rightarrow	
COSTCO Wholesale	4401 4th Ave S	Diagonal SD	11/18/05	2	1	1			+ +			1																	\rightarrow	
COSTCO Wholesale	4401 4th Ave S	Diagonal SD	10/02/12	2																				1				1		
Cramer Inspection Services	2411 S Walker St	Diagonal SD	10/09/03	1					1															1						
Crosscut Hardwoods Crosscut Hardwoods	4100 1st Ave S 4100 1st Ave S	Diagonal SD Diagonal SD	11/18/03 09/23/11	1 4	1	1	1	\vdash					-						1					1		-			\longrightarrow	
Crosscut Hardwoods Crosscut Hardwoods	4100 1st Ave S	Diagonal SD	09/11/13	2	<u> </u>	-							_									1				1			\rightarrow	
Cucina Fresca Inc.	8300 Military Rd S	Norfolk SD/CSO/EOF	01/11/12	7		1	1	1			1									1		1								1
Cunningham Manufacturing	318 S Webster St	Trotsky Inlet	04/24/07	3	1														1					1						
Custom Crating Company inc.	233 S Holden St	7th Ave S SD	10/01/09	1				\vdash				-		-								1			_				\longrightarrow	
D&J Equipment Sales D.P. Nicoli	3413 4th Ave S 3700 6TH AVE S	Duwamish (NEC) CSO Diagonal SD	09/16/05 05/16/14	4 7	1	1	1						1		1								1	2				1	\rightarrow	
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	08/16/04	6	2																								\rightarrow	
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	10/13/07	3	1																							1	1	
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	01/31/12	3								-			1					1				1					\Box	
Dan Byrne Daniel Smith Inc.	620 S Dakota St	Diagonal SD	12/14/10	1				\vdash	+		_	1	-		1					1	\vdash					+	\vdash		1	
Davis Door Service, Inc.	4150 1st Ave S 2021 S Grand St	Diagonal SD Diagonal SD	09/11/13 01/05/04	3 5	1	1	1		+ +				+		1					1				1	+	+		1	1	
Davis Door Service, Inc.	2021 S Grand St	Diagonal SD	02/25/10	6	<u> </u>		- 1		+ +		1	1								1		1		1		1		-	\rightarrow	
Dawn Food Products, INC	6901 Fox Ave S	S Brighton St SD	09/05/08	4	1						1									1				1						
Deeny Construction Co. Inc.	2545 Rainier Ave S	Diagonal SD	10/22/03	4	1													1										1		
Delta North	6701 Fox Ave S	S Brighton St SD	09/12/12	3	1		1																				\square			
Demolition Man Inc. Demolition Man Inc.	8129 Occidental Ave S 8129 Occidental Ave S	1st Ave S SD-west 1st Ave S SD-west	09/28/11 03/27/14	7 	1	1	1	\vdash	+		1		-		1						1	1		1	+	1		1	\rightarrow	
Demolition Man Inc. Demolition Man Inc.	8129 Occidental Ave S 8151 Occidental Ave S	1st Ave S SD-west	03/27/14	5 5	1	1	1		+ +	-+	+ '	+	+		1							1	1		+	1		-	\rightarrow	
Demolition Ivian Inc.	6151 Occidental Ave S	15t Ave o od-west	09/28/11	5		1	1															1	1						\perp	

Note: Businesses listed in alphabetical order					op and implement spill response dures	ve or purchase adequate spill response ials	rly educate employees	n proper permit for facility discharge	ment pretreatment for discharge	ain pretreatment system	and eliminate leaks and spills from ye areas	ct illicit connection	discharge process wastewater to drain	ment proper fueling operations	ment proper housekeeping	ment proper material transfer practices	ment proper washing practices	storm drain facility parts accessible	ng or damaged components to storm facility need replacing	n NPDES permit for discharge	rrly perform maintenance of vehicles quipment	rly store containerized materials	uly store non-containerized materials	drain facility needs to be cleaned	rly designate waste	rly dispose of waste	rly document waste disposal	irly store product/waste	rrly label Containers r or replace degraded open chemical	f of replace degraded upen dreinival
DBA Name					Develop	Improve materials	Prope	Obtain	ND WAST	Maint	Clean	Corre	Don't storm	Imple	Imple	Imple	FTORM	 ⊠ake Mater	Missir	Obtail	Prope and e	Prope	Prope	Storm	Prope	Prope	ARDOL	LS WAS	Prope	contai
DDA Name	Address	Outfall	Date	CA Count		SFILL			ND WAST	_		_		_			JOKW	WAILN								ПА	ANDOC	JO WAO	15	
Demolition Man Inc.	8151 Occidental Ave S	1st Ave S SD-west	03/27/14	5							1	+			1						1	1				1			-+	
Dere Auto	1818 Rainier Ave S	Diagonal SD	02/24/06	3	1	1	1																							
Dere Auto	1818 Rainier Ave S	Diagonal SD	11/10/11	5											1											1	1	1	1	
DHL Express DHL Express	4450 E Marginal Wy S 4450 E Marginal Wy S	Diagonal SD Diagonal SD	10/10/07 09/18/12	1 1		\vdash			+			+	-				1									\vdash			-+	
DHL/ABX Air	8075 Perimeter Rd S	Slip 5 KCIA SD #2	08/06/04	1	1	\vdash			+ +																				-+	
Dilettante Chocolates	2021 22nd Ave S	Diagonal SD	09/23/10	7	1		1				1													1		1		1	二	
Dirty Hand Co-op	1817 S Jackson St	Diagonal SD	03/13/12	12	1	1	1	1				-		1						1		1		1		1	1	1	1	
DMH Industrial Electric, Inc. Don's Quality Automotive	7800 7TH AVE S 1117 12th Ave	7th Ave S SD Diagonal CSO	02/06/14 03/31/04	4 1	1	1	1					-	-									1			-	\vdash		1	-+	
Don's Quality Automotive Donut Factory LLC	1117 12th Ave 6560 5th Ave S	Diagonal CSO Duwamish (NEC) CSO	03/31/04	1 7	1	1	1		1	_		+		+		\vdash									-	1	1	1	1	
Douglas Management	7100 1st Ave S	Duwamish West Direct	05/11/06	4	1		1						1																	
Down Products	4011 6TH AVE S	Diagonal SD	08/07/03	1																				1						
Drainage System Cleaning	813 S KENYON ST	Duwamish (NEC) CSO	03/21/13	6	1	1	11	1				-	1															1		
Dubb City Duwamish Metal Fabrication	5022 RAINIER AVE S 16 S Michigan St	Diagonal CSO Duwamish East Direct	02/12/04 07/23/08	2 5	1	1	1					+	_							1				1			_		\rightarrow	
Eagle Eye Enterprise Corp	8219 7TH AVE S	7th Ave S SD	10/20/09	5		1		1																-				1	-	
Eagle Eye Enterprise Corp	8219 7TH AVE S	7th Ave S SD	08/22/13	3							1				1									1						
Eastmont Transfer Station	7201 W Marginal Wy SW	Highland Park Way SD	09/15/09	2	1										1															
Eastmont Transfer Station Eastmont Transfer Station	7201 W Marginal Wy SW	Highland Park Way SD	06/06/13	<u> </u>				1	-			-	1	-													-		\rightarrow	
Eco Waterborne Coatings	7201 W Marginal Wy SW 420 S Hinds St	Highland Park Way SD Diagonal CSO	10/07/14 05/19/03	3								+	- '													1	1		1	
Eco Waterborne Coatings	420 S Hinds St	Diagonal CSO	08/31/07	2	1		1																							
eCullet	5801 E Marginal Wy S	Duwamish East Direct	08/18/09	3	1		1								1															
Ed Wyse Beauty Supply	3701 7th Ave S	Diagonal SD	12/01/03	2	4	4	4		-			-	_	-					1					1			-		\rightarrow	
Ed Wyse Beauty Supply El Centro de la Raza	3701 7th Ave S 2524 16th Ave S	Diagonal SD Diagonal SD	03/31/11 10/23/03	<u>4</u> 5	1	1	1					+												1					1	
El Centro de la Raza	2524 16th Ave S	Diagonal SD	08/22/13	5	1	1	1															1		1						
El Delicioso	2500 BEACON AVE S	Diagonal SD	02/12/14	4	1	1	1										1													
Election Distribution Center	1215 E Fir St	Diagonal CSO	02/25/04	1								-												1						
Electro Mechanical Company Elliott Bay Industries	411 S Dawson St 7500 West Marginal Wy S	Diagonal CSO 2nd Ave S SD	11/14/05 11/20/07	7	1	1	1		-			+	1	-												1	-	1	1	
Elliott Bay Industries Elliott Bay Industries	7500 West Marginal Wy S	2nd Ave S SD	07/10/12	3									- '							1			1					1		
Emerald City Bindery	4809 Airport Wy S	Diagonal SD	06/17/03	4									1		1					-			-	1				1		
Emerald City Bindery	4809 Airport Wy S	Diagonal SD	10/17/07	3	1		1																							
Emerald City Brewing Company Emerald City Cleaners	3100 Airport Wy S 850 Rainier Ave S	Diagonal SD	06/13/12	3 4	1	1	1		+			-	-	-		\vdash										\vdash		1		
Emerald City Cleaners Emerald Paving, Inc.	2547 RAINIER AVE S	Diagonal SD Diagonal CSO	01/27/12 10/22/03	1		-	ı		+ +	-+		+	_														-	1	+	
Emerald Services	6851 EAST MARGINAL WAY S	S Brighton St SD	08/20/14	2								1										1								
Emerald Services	7343 E Marginal Wy S	Slip 4 Other	10/28/05	5	1								1		1													1	1	
Emerson Enterprises LLC Emmanuel's Inc.	525 S BRIGHTON ST 1105 Rainier Ave S	S Brighton St SD Diagonal SD	11/07/14 08/13/03	1 5	1	1	1					-	1					1										1	-	
Emmanuel's Inc.	1105 Rainier Ave S	Diagonal SD	07/12/07	<u>3</u>		- '-							- '											1				-	-	
Emswiler Construction	6045 W Marginal Wy SW	T115/Kenny SD	04/28/06	5	1	1	1															1							1	
Emswiler Construction	6045 W Marginal Wy SW	T115/Kenny SD	12/28/09	8	1	1	1						1	1	1								1	1						
Emswiler Construction Encore Oils LLC	6045 W Marginal Wy SW 4034 West Marginal Wy SW	T115/Kenny SD SW Dakota St SD	10/18/13 05/18/12	<u>4</u> 5	1	1	1		-		1	+	_	-	1			1	1				1				-		-+	
Engineered Products	9883 40th Ave S	Norfolk SD/CSO/EOF	03/30/12	3	1		1																						-	
Envelope Converting Service	6603 Ursula Ave S	Duwamish (NEC) CSO	05/19/04	3	1	1	1																							
Envelope Converting Service	6603 Ursula Ave S	Duwamish (NEC) CSO	09/04/08	2		1																		1						
Essential Baking Company	1001 S Myrtle St	Slip 4 Georgetown SD SW Idaho St SD	06/16/09	3	1	1	1		+		_	-	1	-		\vdash	1									\vdash				
Evergreen Building Products LLC Evergreen Chiropractic Clinic	4835 W Marginal Wy SW 1032 S Jackson St	Diagonal CSO	03/18/10 04/19/04	3 1	1	\vdash	1		1			+		+			1									\vdash			-+	-
Evergreen Tractor	164 S Michigan St	1st Ave S SD-east	11/20/12	1															1											
EWC Group, Inc	660 S Othello St	Duwamish East Direct	07/30/09	2	1		1																							
Expert Marble & Granite Inc.	4749 W Marginal Wy SW	SW Idaho St SD	04/12/10	5	1	1	1	1	1			-	_	-															<u></u>	
Express Cold Storage EZ Buy Motors Inc.	4606 4TH AVE S 401 RAINIER AVE S	Diagonal SD Diagonal SD	10/25/13 07/25/13	7 3	2	1	2		+	-+		+	_							1		2					-	-	-+	
Ezell's Famous Chicken	501 23rd Ave	Diagonal CSO	08/05/03	2			-		+													1		1					-+	
Fabriform Plastics Inc.	3300 Airport Wy S	Diagonal CSO	05/30/03	6											1							1				1	1	1	1	

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properl	Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		·	ND WAST	=		,		,		,	STORM	WATER								HAZ	ZARDOL	JS WAS	JTE	
Fabriform Plastics Inc.	3300 Airport Wy S	Diagonal CSO	09/06/07	5	1							+	_		1										_	1	1	1		
Fairn and Swanson	9875 40th Ave S	Norfolk SD/CSO/EOF	09/29/05	2	1							_			1											<u> </u>	-	-		
Fast Rabbits	2822 Martin Luther King Jr Wy S	Diagonal SD	12/16/10	6	1	1	1						1						1					1						
Federal Aviation Administration	6526 Ellis Ave S	Duwamish (NEC) CSO	08/05/04	4	1		1		+			-											1	1		\Box			\Box	
Federal Marine & Defense Services, LLC FedEx	8000 5th Ave S 651 S Alaska St	7th Ave S SD Diagonal SD	11/16/09 03/07/14	2	1	1	1					+	-	-	1				1					1	+	+-				
Feaex Ferguson Construction Inc.	7433 5th Ave S	Trotsky Inlet	03/07/14	2	1					_		+	_	+					<u> </u>					1		+		-	\rightarrow	
Ferguson Construction Inc.	7433 5th Ave S	Trotsky Inlet	04/06/11	1																				1						
Ferguson Enterprises Inc.	4100 W Marginal Wy SW	SW Dakota St SD	04/05/10	7	1		1								1		1		1					1		1				
Ferguson Property	1915 Ursula PI S	Duwamish (NEC) CSO	06/09/04	1									_											1						
Filterfresh Seattle Fire King of Seattle, Inc.	9243 10th Ave S 240 S Holden St	S 96th St SD	09/16/10	4 1	1	1	1					+		-			1							1						
Fire King of Seattle, Inc.	240 S Holden St	7th Ave S SD 7th Ave S SD	11/20/07 01/31/12	4							1	-										1		- '		1	1			
Firestone	2915 RAINIER AVE S	Diagonal SD	10/28/03	8	1	1									1									1		1	· ·	1	1	1
Firestone	2915 RAINIER AVE S	Diagonal SD	11/07/07	4	1	1	1																	1						
First Student	7400 8th Ave S	Slip 4 Other	05/05/10	4	1		1		-					-										2	_	-				
First Student First Student Inc.	7400 8th Ave S 7739 1st Ave S	Slip 4 Other 1st Ave S SD-west	10/03/12 11/03/10	3 6	1		1	1		1		+		-			1			1								1		
Fittings Inc	5979 4th Ave S	Duwamish East Direct	07/17/08	5	1	1	1					+		_			- '			-				1		1			\rightarrow	
FleetMasters Inc.	7130 8th Ave S	Duwamish (NEC) CSO	07/28/09	3	1		1																			1				
FleetPride	600 S Dakota St	Diagonal SD	05/14/03	1																								1		
FleetPride	600 S Dakota St	Diagonal SD	08/30/11	6	1	1	1		-					-											_	1		1	1	
Flexi-Van Leasing Inc.	1 S IDAHO ST	Diagonal SD	03/28/03	2								+		-		1	1					1						1		
Flying Fish Express Fog Tite Inc	7937 2nd Ave S 4819 W Marginal Wy SW	2nd Ave S SD SW Idaho St SD	12/28/09 03/24/09	2 5	1	1	1	1				1				1	1													
Fog Tite Inc	4819 W Marginal Wy SW	SW Idaho St SD	02/12/13	3	1										1								1							
Food Lifeline	4011 6th Ave S	Diagonal SD	08/22/11	6	1	1	1						1		1									1						
Food Service International	4601 6th Ave S	Diagonal SD	07/14/03	11		1																								
Food Service International	4601 6th Ave S	Diagonal SD	10/17/11	2					-			+	_	-	4		1							1		-				
Fox Plumbing & Heating Fox Plumbing & Heating	7501 2nd Ave S 7501 2nd Ave S	Trotsky Inlet Trotsky Inlet	05/29/07 08/30/11	3 4	1	1	1					-			1		- 1							1						
Frank Coluccio Construction Co	9600 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	11/08/05	8	1	1	1				1	_	1	1	<u> </u>				1									1		
Frank Coluccio Construction Co.	9850 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	11/08/05	4		1	1				1																			
Frank Coluccio Construction Co.	9850 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	04/22/11	4																		1						1	1	1
Franks Quality Produce Inc. Franks Quality Produce Inc.	612 S Alaska St 612 S Alaska St	Diagonal SD Diagonal SD	10/17/11	3 3	1	1	1				1	+	_	-								1		1	_					
Franks Quality Froduce Inc. Franz Family Bakeries	2006 S Weller St	Diagonal SD	08/27/14 12/02/10	6	1	1					<u>'</u>	1		_	1	1						- '		1					\rightarrow	
Freight Expeditors	6501 EAST MARGINAL WAY S	S River St SD	02/18/10	1																		1								
Galvin Flying Service, Inc.	6987 Perimeter Rd S	Slip 4	08/11/04	2	1		1																							
Galvin Flying Service, Inc.	7001 Perimeter Rd S	Slip 4	08/11/04	2	1		1					-	_																	
Galvin Flying Service, Inc. Galvin Flying Service, Inc.	7023 Perimeter Rd S 7149 Perimeter Rd S	Slip 4 Slip 4	08/11/04 08/11/04	3	1		1				1	-																		-
Galvin Flying Service, Inc.	7201 Perimeter Rd S	Slip 4	08/11/04	2	1		1																							
Galvin Flying Service, Inc.	7777 Perimeter Rd S	Slip 5 KCIA SD #2	08/11/04	3	1	1	1																							
Garfield High School	400 23RD AVE	Diagonal SD	03/15/04	5	1	1	1					-														1	1			
Garlatz/Seattle Air Corp GE Equipment Management	1115 S Elizabeth St 9801 Martin Luther King Jr Wy S	Slip 4 Norfolk SD/CSO/EOF	10/06/04 10/25/05	<u>1</u> 3	1							+	_	+					1				1	1						
Gene Summy Lumber	6000 W Marginal Wy SW	T115/Kenny SD	06/23/06	3	1	1	1					_																		
Gene Summy Lumber	6000 W Marginal Wy SW	T115/Kenny SD	05/11/10	2	1										1															
Gene Summy Lumber	6000 W Marginal Wy SW	T115/Kenny SD	06/10/14	11																								1	\Box	
General Biodiesel Seattle	6333 1st Ave S	Duwamish East Direct	10/02/14	2		4	4					-	_	-	1	4				4		1				\vdash			\rightarrow	
Georgetown Brewing Co. Georgetown Brewing Co.	5200 Denver Ave S 5200 Denver Ave S	Diagonal SD Diagonal SD	09/16/10 10/16/13	7 1	1	1	1				1	+		_	1	1				1				1					\rightarrow	
Georgetown Management	6801 Perimeter Rd S	Slip 4	08/17/04	3	1	1	1					+																		
Girlie Press	1658 21ST AVE	Diagonal CSO	03/17/04	3	1		1																							
Glacier Northwest - Seattle Redi-Mix Plant	5975 E Marginal Wy S	Duwamish East Direct	05/25/06	2		1																		1						
Glacier Northwest - Seattle Terminal	5900 WEST MARGINAL WAY SW	Duwamish West Direct	06/02/06	3		1	_		+			-	-		1									- - +	_	1				
Glacier Northwest - Truck Parking and Storage Lot Glassworks	5902 WEST MARGINAL WAY SW 927 Rainier Ave S	T115/Kenny SD Diagonal SD	06/02/06 08/13/03	4 2	1	1	1		+	-+		+	-	_				\vdash						1	_	1	1	-	\rightarrow	
Glassworks	927 Rainier Ave S 927 Rainier Ave S	Diagonal SD	08/13/03	6	1	1	1	1		-+		+	-	+				\vdash						\vdash	+	1	1	1	\rightarrow	
Olassanolivs	JAI NAIHEI AVE J	Diagoriai 3D	01/21/11	U		1	1																			1		1	$\overline{}$	

Note: Businesses listed in alphabetical order					o and implement spill response	e or purchase adequate spill response	y educate employees	proper permit for facility discharge	ent pretreatment for discharge	n pretreatment system	nd aliminate lasks and snills from	areas	illicit connection	ischarge process wastewater to ain	ent proper fueling operations	ent proper housekeeping	ent proper material transfer practices	ent proper washing practices	torm drain facility parts accessible	or damaged components to storm cility need replacing	NPDES permit for discharge	y perform maintenance of vehicles ulpment	y store containerized materials	y store non-containerized materials	Irain facility needs to be cleaned	y designate waste	y dispose of waste	y document waste disposal	y store product/waste	ly label Containers or replace degraded open chemical ers
DD4 N					Develor	Improve	Propert	Obtain	Implem	Maintai	Cloan	storage	Correct	Don't di stormdr	Implem	Implem	Implem	Implem	Make s	Missing drain fa	Obtain	Properl and equ	Properl	Properl	Storm	Properl	Properli	Properli	Properli	Proper Repair contain
DBA Name	Address	Outfall	Date	CA Count		SPILL			ND WAS	IE							•	STORM	WATER								HAZ	ARDOL	S WAS	IE
Global Diving & Salvage Inc.	8165 1st Ave S	1st Ave S SD-west	01/25/10	4	1		1																				1		1	
Global Fulfillment	4 S IDAHO ST	Diagonal SD	08/28/08	2	1																				1					
Global Inc	7619 5th Ave S	7th Ave S SD	01/09/03	3	1		1																							
Global Inc	7619 5th Ave S	7th Ave S SD	11/21/07	12	1		1				\vdash					1	1						1	1			1	1	1	1 1
Global Inc Golden Pheasant Foods, LLC	7619 5th Ave S 1222 S Weller St	7th Ave S SD Diagonal SD	07/03/12 08/13/03	5 1	1	1	1				\vdash			-						1							1			1
Goldie's Inc.	3924 Airport Wy S	Diagonal CSO	08/20/03	3										1				1							1					
Goodwill Missionary Baptist Church	126 15th Ave S	Diagonal CSO	03/04/04	1																					1					
Gourmondo	309 S Cloverdale St	7th Ave S SD	03/03/10	3	1	1	1																							
Grace United Church of Christ	722 30th Ave S	Diagonal CSO	04/01/04	1 2		1			-		_	-	-	-						-					1				1	
Grand Central Baking Company Grand Central Baking Company	4634 EAST MARGINAL WAY S 4634 EAST MARGINAL WAY S	Diagonal SD Diagonal SD	03/12/03 10/14/10	1		- '			_									1											-	
Granite Pro	700 Rainier Ave S	Diagonal SD	11/19/10	1				1																						
Gray Line of Seattle and Horizon Coach Lines	4500 W Marginal Wy SW	Duwamish West Direct	02/07/06	3	1																			1	1					
Grease Monkey #481	2101 23rd Ave S	Diagonal SD	09/14/10	3						1						1											1			
Grease Monkey #481	2101 23rd Ave S	Diagonal SD	03/31/14	2	4							_											4	1	1				-	
Green Day Trading and Recycling Co. Green Depot Wa Pacific Coast LLC	747 S MONROE ST 4121 1st Ave S	Duwamish (NEC) CSO Diagonal SD	07/08/14 11/29/11	2 1	1				+			-	_	-									1				1		-	
Greenspace Inc.	910 Boylston Ave	Diagonal CSO	04/14/04	1																					1					
Gretchen's Shoebox Express	3922 6th Ave S	Diagonal SD	08/19/11	9	1	1	1					1				1		1		1	1				1					
Gretchen's Shoebox Express	3922 6th Ave S	Diagonal SD	12/03/13	3	1																1		1							
Group Health Cooperative	5316 Rainier Ave S	Diagonal CSO	01/30/04	4		1			1		_	-	-	-	_					4					1		4	_	1	1
GSA Halfon Candy Co. Inc.	4735 E Marginal Wy S 9229 10th Ave S	Duwamish East Direct S 96th St SD	06/25/04 09/16/10	<u>5</u> 3	1	1	1													1					1		1		1	1
Han Han Market	412 12th Ave S	Diagonal CSO	03/16/04	3	1		1		_																					
Harborview Medical Center	325 9th Ave	Diagonal CSO	04/27/04	3			1		1																		1			
Harrington Industrial Plastics LLC (TUKWILA)	4322 S 104th PI	Norfolk SD/CSO/EOF	11/28/07	1	1																									
Harsch Investment Properties	309 S Cloverdale St	7th Ave S SD	10/05/09	2	1				-			-	_	-		4							4				1			
Harsch Investment Properties HD Supply Waterworks LTD	309 S Cloverdale St 10013 M L KING JR WAY S	7th Ave S SD Norfolk SD/CSO/EOF	06/20/14 04/29/13	2												1		1					1	1						
Heath Landscape Services Inc	4849 W Marginal Wy SW	SW Idaho St SD	03/26/10	6	1	1	1		_								1	1						-					1	
Heath Landscape Services Inc	4849 W Marginal Wy SW	SW Idaho St SD	05/19/14	1		1																								
Heathco International Inc	4033 16th Ave SW	SW Dakota St SD	04/13/10	3		1	1																							
Hedwall Architectural Iron	4750 Ohio Ave S	Diagonal SD	10/04/12	4	1	1							_	_							1		1							
Heko Inc Hello Bicycle	7400 8th Ave S 3067 Beacon Ave S	Slip 4 Other Diagonal SD	05/16/12 11/19/10	3	1	1	1		_			_		-		1									1					1
Hertz Equipment Rental	5055 4TH AVE S	Diagonal SD	06/10/14	1	<u> </u>	<u> </u>																			1					
High-Rise Cabinets Inc.	2755 Airport Wy S	Diagonal SD	05/28/03	5	1	1	1																				1	1		
High-Rise Cabinets Inc.	2755 Airport Wy S	Diagonal SD	07/19/12	3																	1		1				1			
Hollywood Lights Hospital Central Services Association	660 S Dakota St 1300 E Columbia St	Diagonal SD Diagonal CSO	07/27/10 03/16/04	2 1	1				-		_	-	_	-				1							1				_	
Hudson Bay Insulation	8230 5th Ave S	7th Ave S SD	12/04/09	4	1	1	1		+							1									1					
Hughes Supply Inc.	10013 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	09/16/05	3	1		1																		1					
Hui-Intertrading Inc.	2100 22nd Ave S	Diagonal SD	10/01/10	5	1	-	1													1					1					
Hydroslice Aerospace LLC	9688 M L KING JR WAY S	Norfolk SD/CSO/EOF	10/18/13	8	1							1	_			1			1		1		1						_	
iclick Ikan Two Auto & Truck Wrecking	3931 1st Ave S 9802 M L KING JR WAY S	Diagonal SD Diagonal SD	08/30/12 11/14/07	6 9	1	-	1		-			-	_	-	_	1						1					1	1	1	1
Image Star Shots	4801 Rainier Ave S	Diagonal CSO	02/05/04	3	1											-														1
Imagine Visual Service LLC	665 S DAKOTA ST	Diagonal SD	08/20/14	6	1		1													1	1				1					
Immaculate Conception	820 18th Ave	Diagonal CSO	04/16/04	1																					1					
Impression Printing	222 S Lucile St	Duwamish (NEC) CSO	12/31/08	5	1		1		-		\vdash	_				4							4		1				1	-
IMS IMS	7901 1st Ave S 7901 1st Ave S	1st Ave S SD-west 1st Ave S SD-west	05/11/10 09/11/13	7 6	1		1		+		\vdash	-	-			1		1				1	1		1		1		-	
Inca Marble & Granite	5212 6TH AVE S	Diagonal SD	09/04/07	4	1		1		+		\vdash	_	_	1								1					1		_	
Independent Metals	703 S Monroe St	7th Ave S SD	08/13/03	6	1																			1					1	1
Independent Metals	703 S Monroe St	7th Ave S SD	02/16/12	3	1							1											1							
Independent Metals	747 S Monroe St	7th Ave S SD	06/05/08	10	1	1	1					1		1											1	\Box	1	1	1	1
Independent Metals	747 S Monroe St	7th Ave S SD	02/16/12	3	_	\vdash			+		$\vdash \vdash$	1	-	4		1			-		1								4	
Industrial Battery Systems Industrial Tire Service	211 S AUSTIN ST 540 S Holden St	2nd Ave S SD 7th Ave S SD	04/15/08 10/06/08	9	1	1	1		+		\vdash	-	-	1		1		1			1			1	1		1		1	1
muustiai ille seivice	040 S Holderi St	I III AVE O OD	10/00/08	Ö		1	1											1								,	1			

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system		Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date (CA Count		SPILL			IND WA	SIE							•	SIUKIN	WAIE								ПА	ZARDOU	O WAS	IE.
Innevetive Peneira III C	0440.7TH AVE C	74h Aug C CD	07/06/44						+	+	$+ \top$			_														$\overline{}$		-
Innovative Repairs LLC Intermountain Supply, Inc.	8110 7TH AVE S 3700 6TH AVE S	7th Ave S SD Diagonal SD	07/28/14 07/18/03	3	1	1	1		_	_	+					1									1					
International Construction Equipment	8101 OCCIDENTAL AVE S	1st Ave S SD-west	11/03/11	6		1	1	1				1																\rightarrow		1
International Construction Equipment	8101 OCCIDENTAL AVE S	1st Ave S SD-west	08/27/14	2								1											1							
International Lubricants Inc.	7930 OCCIDENTAL AVE S	1st Ave S SD-west	04/18/13	1																									1	
International Sign	2914 S MCCLELLAN ST	Diagonal SD	11/08/10	8	1		1									1				1							1		1	1
International Truck Leasing & Rental	3801 7th Ave S	Diagonal SD	05/27/03	3		1								1									1							
INX International Ink	4029 1ST AVE S	Diagonal SD	03/21/03	6	2		2		-		\vdash														1	+				1
Irena M. Baker DDS	4704 RAINIER AVE S	Diagonal CSO	01/30/04	1	1				_		-														1					
Iridio Isaacs Chiropractic Clinic	5050 1st Ave S 5200 Rainier Ave S	Duwamish (NEC) CSO Diagonal CSO	10/31/03 02/04/04	2	1				_	1	-							_							1				_	
IsGood Woodworks	4660 E Marginal Wy S	Diagonal SD	11/10/11	6	1	1	1		_	<u> </u>											1				1				1	
Ishimitsu & Sons Inc.	2304 Rainier Ave S	Diagonal SD	10/27/03	2																	·						1		1	
Island Detail	308 14th Ave S	Diagonal SD	09/04/03	1																							1			
J.A. Jack & Sons, Inc.	5427 Ohio Ave S	Duwamish East Direct	01/29/09	2	1																								1	
J.H. Carr & Sons	37 S HUDSON ST	Diagonal SD	03/19/03	5	1	1	1									1	1													
J.R. Abbott Construction	3512 AIRPORT WAY S	Diagonal SD	08/11/03	6	1	1	4		_	-								_							1		1		1	1
J.R. Abbott Construction Jacks Inc.	3512 AIRPORT WAY S 24 S IDAHO ST	Diagonal SD Diagonal SD	10/12/07 03/20/03	3	1		1		_	_	+														1				1	1
Jacks Inc. Jackson Cleaners	2301 S Jackson St	Diagonal SD	01/05/11	3	1	1	1																					\rightarrow	-	
Jackson Motors, Inc.	401 Rainier Ave S	Diagonal SD	07/29/04	2	•									1															1	
JCE Inc.	2021 22ND AVE S	Diagonal SD	09/19/14	3	1	1	1																							
Jefferson Park Family Medicine	2902 Beacon Ave S	Diagonal SD	10/30/03	1																					1					
Jefferson Park Family Medicine	2902 Beacon Ave S	Diagonal SD	03/26/14	2																					2					
Jefferson Park Golf Course Clubhouse	4101 Beacon Ave S	Diagonal CSO	06/25/03	7 6	1		1		_		-			1		4		1					1		1				4	
Jefferson Park Golf Course Clubhouse Jefferson Park Golf Maintenance Building	4101 Beacon Ave S 4101 Beacon Ave S	Diagonal CSO Diagonal CSO	09/04/07 07/16/03	11	1		1		_		+			1		1		1				1	1		1		1		1	1
Jefferson Park Golf Maintenance Building	4101 Beacon Ave S	Diagonal CSO	05/31/07	4	1		- '							'		1						-	- '	1	1		-	\rightarrow	-	
Jefferson Park Horticulture	4101 Beacon Ave S	Diagonal SD	09/20/11	5	1											1				1				1	1					
Jehovah's Witnesses Kingdom Hall	333 19th Ave	Diagonal CSO	12/03/04	2																1					1					
JEMCO, Inc.	901 S Hinds St	Diagonal CSO	08/11/03	1																									1	
Jensen Family LTD Partners	1001 S Myrtle St	Slip 4	09/29/04	2																1					1					
John Perine Co.	820 S Adams St	Diagonal SD	12/08/09	6	1	1	1		_	-	+		1										1	1	_					
John Plantish Johnson Western Gunite Company	4235 WEST MARGINAL WAY SW 833 S Director St	SW Idaho St SD S 96th St SD	04/28/14 11/05/10	2	1		1		_	-															1	-			_	
Jon-Don	4111 Airport Wy S	Diagonal SD	10/21/11	3	1	1			_																			\rightarrow	_	
Jone's Clavier Academy of Music, Inc.	3847 Rainier Ave S	Diagonal CSO	03/03/04	2							\Box									1					1			\rightarrow		
Jones Stevedoring Company	7245 W Marginal Wy SW	1st Ave S SD-west	07/16/09	4	1	1	1																				1			
Jones Stevedoring Company	7245 W Marginal Wy SW	1st Ave S SD-west	04/20/12	4														1									11		1	
Jon's Recycling	7620 2nd Ave S	2nd Ave S SD	04/21/08	11	1	1			-	-	+	1		-		1					1		1		1		1		1	1
Jon's Recycling Jorgensen Forge (TUKWILA)	7620 2nd Ave S 8531 E Marginal Wy S	2nd Ave S SD Duwamish East Direct	06/07/10 01/13/06	3	1				_	_	-							_					1	1					1	1
JSH Properties Inc.	2601 S Mc Clellan St	Diagonal SD	10/22/03	1					_																1					
JSH Properties Inc.	2601 S Mc Clellan St	Diagonal SD	10/08/13	1																					1					
K-1 Auto Body Shop	5223 Rainier Ave S	Diagonal CSO	02/25/03	6	1	1	1							1									1						1	
K-1 Auto Body Shop	5223 Rainier Ave S	Diagonal CSO	04/22/04	2										1									1							
K2 Sports	4201 6th Ave	Diagonal SD	09/22/11	4					-	-	+			-		1				1					1		1		-	
Kawabe Memorial House KDL Hardware Supply	221 18TH AVE S 850 POPLAR PL S	Diagonal SD Diagonal SD	09/24/03 07/18/13	2					_	_	-							_							2				_	
KDL Hardware Supply Kellan's Motor Works	1501 S Dearborn St	Diagonal SD	08/27/03	1		1					+																	\rightarrow	-	
Kellan's Motor Works	1501 S Dearborn St	Diagonal SD	01/21/11	4	1	1	1				1 1							1										$\overline{}$		
Kellan's Motor Works	1501 S Dearborn St	Diagonal SD	01/28/14	2	1											1														
Kelly-Ryan Inc.	7235 2nd Ave S	Trotsky Inlet	09/21/09	8	1											1							1			1	1		1	1 1
Kidney Centers	700 Broadway	Diagonal CSO	04/06/04	1							\sqcup														1					
King Auto & Truck Parts Inc.	543 S Monroe St	South Park/Riverside Dr	11/16/09	2	1				-	-	+									4							1			-
King County Airport Office Building (TUKWILA) King County Maintenance Facility	9010 E Marginal Wy S 6518 Ellis Ave	Slip 6 KCIA SD #1 Slip 4	01/27/05 12/22/04	7	1	1	1	\vdash	_	_	++							-		1					1		1	\rightarrow	1	
King County Maintenance Facility King County Sheriff	4623 7th Ave S	Diagonal SD	05/19/03	3	- 1	- 1			_	+	++			1				1		I					1		-	\rightarrow	1	
King County Sheriff	4623 7th Ave S	Diagonal SD	12/19/07	7	1	1	1			+	+			 '				<u> </u>							1		1	1	1	
King County Sheriff (TUKWILA)	8600 Perimeter Rd S	Slip 6 KCIA SD #1	08/03/04	3		1	1				+																•		-	
g county choint (TOTATILE)	2500 : 00tor rtu 0	p 0 (OD #1	33/30/07	<u> </u>										-	-															

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from strang areas	Correct illicit connection	Correct lilicit connection Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Proper	Kepair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		l l	ND WAS	STE				_			STORM	WATER								HA	ZARDO	US WAS	STE	
King Electrical Mfg. Company	9131 10th Ave S	S 96th St SD	10/03/08	17	1	1	1	1	1		1	+	1	+	1			_		1			1	1	1	1	1	1	1	1
King Electrical Mfg. Company	9131 10th Ave S	S 96th St SD	03/04/14	1				·	<u> </u>											<u> </u>			<u> </u>	1		<u> </u>	<u> </u>			
King's Oriental Foods Co. Ltd	1238 S Weller St	Diagonal SD	11/04/03	2									1											1						
Kleen Environmental Technologies	5955 W Marginal Wy SW	T115/Kenny SD	03/13/06	1													4		1			4				-				
Kleen Environmental Technologies Koike Seafood Inc	5955 W Marginal Wy SW 500 S River St	T115/Kenny SD Duwamish (NEC) CSO	10/18/13 11/13/06	3	1		1					-		+	1		1					1				-			-	
Koike Seafood Inc	500 S River St	Duwamish (NEC) CSO	07/13/12	6		1	1				1				1		1													
KRS Marine	7400 8th Ave S	Slip 4	05/16/12	3											1									1					1	
Krueger Sheet Metal Co.	6515 W Marginal Wy SW	SW Idaho St SD	04/12/10	5	1	1	1		_			_		-	1	\square						1								
Krueger Sheet Metal Co. KT Building Supply	6515 W Marginal Wy SW 3614 6th Ave S	SW Idaho St SD Diagonal SD	03/28/14 02/12/09	7 6	1	1	1		_			-	1	_	1				1		_		1	1		1		1	-	
KT Building Supply KT Building Supply	3614 6th Ave S	Diagonal SD	09/19/13	9	1	1	1					_	2									1		2		1				
Kukuruza Popcorn	1214 S WELLER ST	Diagonal SD	05/09/14	3	1		1																							
Kusakabe Professional Corp.	1414 E Yesler Wy	Diagonal CSO	03/09/04	11																				1						
L & K Holdings LLC L&W Food Corp	2000 23rd Ave S 651 S Industrial Wy	Diagonal SD Diagonal SD	10/26/11 08/22/12	<u> </u>					-			-		-										1						
Lacy & Par	660 S Industrial Wy	Diagonal CSO	06/18/03	1								_												1						
LaFarge Corp	5400 W Marginal Wy SW	Duwamish West Direct	05/25/06	11	1	1	1	1			1				1								1	1		1		1	1	
LaFarge Corp	5400 W Marginal Wy SW	Duwamish West Direct	04/02/13	6							1			1	1	1							1	_						
Laird Plastics Larry's Market	650 S Industrial Wy 1001 S MYRTLE ST	Diagonal CSO Slip 4	06/19/03 11/03/04	3	1	1	1		-			-		-	1									1		1				
Leduc Packaging, Inc.	4424 4th Ave S	Diagonal SD	06/16/11	1	-'-	- '-	- 1		_					_										1						
Leon Sullivan Health Care Center	2611 S Dearborn St	Diagonal SD	08/26/03	3															1					1		1				
Leon Sullivan Health Care Center	2611 S Dearborn St	Diagonal SD	04/18/13	5	1	1	1								1									1						
Liberty Sidecars Liberty Sidecars	2310 Rainier Ave S 2310 Rainier Ave S	Diagonal SD Diagonal SD	10/09/03 10/10/07	5 4	1	1	1		_			-	1	_							_					-	1	1	1	
Liberty Sidecars	2310 Rainier Ave S	Diagonal SD	01/27/12	2	- '	'	'													1						1		-		
Life Style Landscape	4101 4th Ave S	Diagonal SD	10/22/03	2																			1	1						
Lion Trucking, Inc.	8425 1st Ave S	1st Ave S SD-west	01/18/07	6	1	1	1								1									1					1	
Lion Trucking, Inc. Liquor Control Board	8425 1st Ave S 4401 E Marginal Wy S	1st Ave S SD-west Diagonal SD	10/11/12 09/29/03	5 8	1	1	1		-		1		1 1	-	1						-		1					1	1	
Liquor Control Board	4401 E Marginal Wy S	Diagonal SD	06/12/07	8	1	1	1	1					1		1							1	'	1				-		
Liquor Control Board	4401 E Marginal Wy S	Diagonal SD	02/21/12	1			·																1							
Longs Drugs	3820 Rainier Ave S	Diagonal CSO	02/27/04	2	1		1																							
Loomis Loomis	5200 E Marginal Wy S 5200 E Marginal Wy S	Diagonal CSO Diagonal CSO	10/30/03 12/01/05	2 4	1		1		-		1	-		-										1				1		
Loomis	5200 E Marginal Wy S 5200 E Marginal Wy S	Diagonal CSO	02/02/11	4	1	1	1							+		\vdash						1				_		'		-
Loudeye	1130 Rainier Ave S	Diagonal SD	08/06/03	1																				1						
Lowes Home Improvement Warehouse	2700 Rainier Ave S	Diagonal SD	10/14/03	2		1	1				1.													1		_				
Lowes Home Improvement Warehouse Lowes Home Improvement Warehouse	2700 Rainier Ave S 2700 Rainier Ave S	Diagonal SD Diagonal SD	09/23/08 01/27/11	4	1		1		_		1	_		-	1		1							1						
Lowes Home Improvement Warehouse	2700 Rainier Ave S	Diagonal SD	04/17/12	2									1						1											
Lowes Home Improvement Warehouse	2700 Rainier Ave S	Diagonal SD	06/21/13	5	1		1				1					1						1								
Lucky Seafood Lukas Machine, Inc.	3217 Beacon Ave S	Diagonal SD	09/05/08	<u>1</u>	1				-			-	1				1					1			1	-			1	
LVI Environmental Services Inc.	707 S RIVERSIDE DR 5409 Ohio Ave S	7th Ave S SD Duwamish East Direct	01/30/08 01/14/09	3	1	1						_	1				-					<u> </u>							1	
M&M Auto Repair	2116 22nd Ave S	Diagonal SD	07/02/09	3	1	1	1																							
M&M Auto Repair	2116 22nd Ave S	Diagonal SD	04/19/12	11					-					-	1											-				
M&R Equipment, Inc. M&R Equipment, Inc.	3626 Airport Wy S 3626 Airport Wy S	Diagonal SD Diagonal SD	07/15/03 11/19/07	6 5	1	1	1		+		1	+		+	1	\vdash								1		1	1	1	1	
MacDonald Miller Co., Inc.	7707 DETROIT AVE SW	1st Ave S SD-west	05/24/10	7	1	1	1		+		1			+	1											_		1	1	
MacDonald Miller Co., Inc.	7707 DETROIT AVE SW	1st Ave S SD-west	03/28/14	6	2		2																			2				
MacDonald Miller Facility Solutions Inc	3701 S NORFOLK ST	Norfolk SD/CSO/EOF	06/05/14	2					-		_	-		-					4			1	1			-				
MacDonald-Miller Machinists Inc Plant 2	9833 40th Ave S 7600 5TH AVE S	Norfolk SD/CSO/EOF 7th Ave S SD	10/18/05 08/28/13	5 2	1		1				_	-		+		\vdash			1			1		 		_		1		
Machinists Inc Plant 3	8201 7th Ave S	South Park/Riverside Dr	10/23/12	1																		1								
Machinists Inc. Plant 4	8101 7TH AVE S	7th Ave S SD	10/23/12	3	1		1																							
MacMillan Piper Inc.	655 S Edmunds St	Diagonal SD	06/04/03	13	1	1	1		-		1	-		1	1	1			1		1	1	4	1		-		1	1	
MacMillan Piper Inc. MacMillan Piper Inc.	655 S Edmunds St 655 S Edmunds St	Diagonal SD Diagonal SD	10/25/07 10/11/10	9	1	1	1		+		-	+	1	+	1	1							1	1	-	_			1	
wadwiiian r iper iild.	000 O Euniunus St	Diagonal 3D	10/11/10												1														1	

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical	containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			ND WAST	E							STORM	WATER								HAZ	ARDOL	JS WAS	TE	
MacMillan Piper Inc.	655 S Edmunds St	Diagonal SD	02/19/13	2	1							-			1															_
Madison Park Church of Christ	1115 19th Ave	Diagonal CSO	04/01/04	1	'																			1						_
Magic Dragon Chinese Eatery	306 23rd Ave S	Diagonal SD	10/25/11	3	1	1	1																							
Magnum Print Solutions	633 S Snoqualmie St	Diagonal SD	11/16/11	4	1	1	1		+	$-\Gamma$		+												1		↓	\Box			
Mail Movers Mail Movers	4500 4TH AVE S 4500 4TH AVE S	Diagonal SD Diagonal SD	03/19/03 09/06/07	5 2		1			+	-+	1	+	1	+	1									1	+	1			1	_
Mailhandlers	4005 6TH AVE S	Diagonal SD	08/14/03	1					+ +	-+		+		+	-									1	+				+	-
Malay Satay Hut	212 12th Ave S	Diagonal CSO	03/16/04	2		1	1																							
Mallory & Church	676 S Industrial Wy	Diagonal SD	06/04/03	3	1	1													1											
Mallory & Church	676 S Industrial Wy	Diagonal SD	10/21/11	11								_										1								
Mallory & Church	676 S Industrial Wy 1225 S Weller St	Diagonal SD	10/28/14	2 1								-	1	-					1							1	_	_		
Mar Properties Marginal Way ARCO	7200 E Marginal Wy S	Diagonal SD Slip 4	08/18/03 02/04/11	5	1	1	1							+										1				1	+	_
Marine Lumber Service	525 S Chicago St	7th Ave S SD	03/24/09	1		·																	1					-	-	
Marine Vacuum Service	1516 S Graham St	Duwamish (NEC) CSO	01/26/05	1	1																									
Marine Vacuum Service	1516 S Graham St	Duwamish (NEC) CSO	07/25/12	5					-		1	-			1				1	1									1	
Markey Martin Luther King 76	7266 8th Ave S 2801 Martin Luther King Jr Wy S	Duwamish (NEC) CSO Diagonal SD	03/17/06 11/08/10	<u>4</u> 6	1		1			1		1		-										1				1	1	
Masins	3701 S Norfolk St	Norfolk SD/CSO/EOF	02/09/12	3	1	1	1					'	'											- '				-	-+	
Maurer Supply	843 Rainier Ave S	Diagonal SD	08/11/03	3	1	1	1																							
Maurer Supply	843 Rainier Ave S	Diagonal SD	09/26/13	3	1		1																							
McKinstry	220 S Dawson	Diagonal CSO	09/14/12	1					-			-												1						
McKinstry Company	4800 Denver Ave S	Diagonal SD	07/06/07	1								-		-										1			_	1	1	
McKinstry Company McKinstry Company	5005 3rd Ave S 5005 3rd Ave S	Diagonal CSO Diagonal CSO	03/28/03 07/06/07	2								1	1 1															1		
McKinstry Company	5005 3rd Ave S	Diagonal CSO	09/02/10	4	1			1				<u> </u>	· · · ·						1					1					-	
McKinstry Company	5005 3rd Ave S	Diagonal CSO	09/14/12	4			1															1		1					1	
MDE Engineers, Inc.	700 S Industrial Wy	Diagonal SD	07/09/03	4									1									1		1		1				
MDE Engineers, Inc.	700 S Industrial Wy	Diagonal SD	12/19/07	3	1	1	1		-			-	_	-	1					1		1					-	-		
Meeco Manufacturing Co. Inc. Mekong Rainier Market & Gift	432 S Cloverdale St 3400 Rainier Ave S	2nd Ave S SD Diagonal CSO	09/28/11 02/23/04	6 1	1	- 1	1								- '					1		- '-		1					-	
Mercury Commercial Cleaning	309 S CLOVERDALE ST	7th Ave S SD	06/26/14	4	1		1						1				1												$\overline{}$	
Merlino Foods	4100 4th Ave S	Diagonal SD	10/21/11	7		1	1										1		1					1		1				
Merlino Foods	5200 DENVER AVE S	Diagonal SD	05/29/03	7	1		1						1						1		1			1		1				
Messenger, Inc.	37 S Hudson St	Diagonal SD	07/23/07	5	1		1		-			-	_								0					1	-	0	1	
Metal Works Northwest Metal Works Northwest	3834 4TH AVE S 3834 4TH AVE S	Diagonal SD Diagonal SD	04/05/04 05/15/08	12 6	1	2				-+	1	+		_			1				2				+	1		2	1	-
Metal Works Northwest	3834 4TH AVE S	Diagonal SD	01/22/13	4																		1				1			1	
Mi La Cay	718 Rainier Ave S	Diagonal SD	08/29/03	4	1	1	1																	1						
Mi La Cay	718 Rainier Ave S	Diagonal SD	11/18/11	1					1			-	_	-	\vdash									1	+					
Mi La Cay Mikado Restaurant	718 Rainier Ave S 1306 S King St	Diagonal SD Diagonal CSO	10/09/13 09/11/07	3	1	1	1		+	-+		+	-	+										1	_				-+	-
Mike's Truck Repair and Fabrication Inc.	515 S Southern St	7th Ave S SD	09/11/09	5	1	1						+										1							1	
MJL Partners	7827 PERIMETER RD S	Slip 5 KCIA SD #2	09/20/04	3	1	1	1																							
Mobile Crane	5900 2nd Ave S	Duwamish (NEC) CSO	07/15/08	3	1		1																							
Mobile Equipment Systems	2120 Airport Wy S 655 S Andover St	Diagonal SD	05/28/03 05/21/03	4	1	1	1		-			-	_	-										1		1	1	-		
Modelwerks Modern Coach/Modern Pattern	7601 5th Ave S	Diagonal SD 7th Ave S SD	03/14/03	3								+	1								1		1	- ' -		1			-+	
Modern Machine	519 S Elmgrove St	7th Ave S SD	02/20/08	5	1	1	1																					1	1	
Modern Machine Co.	524 S Southern St	7th Ave S SD	05/27/11	7			1									1				1		1			1	1	1			
Modern Machine Co.	524 S Southern St	7th Ave S SD	07/24/13	4								-			1					1	1			1		1				
Modine Western Money Tree	115 S Dawson St 1400 Madison St	Diagonal CSO	12/08/03 04/14/04	5 1	1	1	1			-+		-	-	-	\vdash							1		1	_				-+	
Money Tree Moonlight Cafe	1919 S JACKSON ST	Diagonal CSO Diagonal SD	11/03/11	1 5	1	1	1			+	1	+	-	_								1			+		-	-	-+	-
Moonlight Cafe	1919 S JACKSON ST	Diagonal SD	01/28/14	4	1		1				1																		-	
Mount Baker Auto Care Detail Enterprises	2800 Martin Luther King Jr Wy S	Diagonal SD	02/10/11	4	1	1	1										1													
Mount Baker Auto Care Detail Enterprises	2800 Martin Luther King Jr Wy S	Diagonal SD	07/25/13	6	1	1			\perp	-		+			1							1	1						$\overline{}$	_
Mount Zion Bontiat Church	2864 S Mc Clellan St	Diagonal SD	10/08/13	3	1	1	1		+	-+		-	-	-	\vdash				1					1			-	-		_
Mount Zion Baptist Church MSI - Marine Services International	1634 19th Ave 6000 WEST MARGINAL WAY SW	Diagonal CSO T115/Kenny SD	03/24/04 06/23/06	2 5	1	1	1		+	-+		-	_	+	1				1					1	+			1	-+	-
INIOI - IVIAIIITE OETVICES ITTETTIATIONAL	0000 WEST WARGINAL WAY SW	T I TO/Netilly SD	00/23/00	Ü	I										1													1		

Note: Businesses listed in alphabetical order					op and implement spill response dures	ve or purchase adequate spill response ials	rly educate employees	proper permit for facility discharge	ment pretreatment for discharge	ain pretreatment system	and eliminate leaks and spills from	le areas	ct illicit connection	discharge process wastewater to drain	ment proper fueling operations	ment proper housekeeping	ment proper material transfer practices	ment proper washing practices	storm drain facility parts accessible	g or damaged components to storm facility need replacing	אר NPDES permit for discharge	rly perform maintenance of vehicles quipment	rly store containerized materials	rly store non-containerized materials	drain facility needs to be cleaned	rly designate waste	rly dispose of waste	rly document waste disposal	rly store product/waste	rly label Containers r or replace degraded open chemical ners
DBA Name				- }	Develo	Improve material	Prope	Obtair	ND WAS	Maint	Clean	storag	Corre	Storme	Impler	Impler	Impler	TORMV	Make Mater	Missin drain 1	Obtair	Prope and ec	Prope	Prope	Storm	Prope	Prope	ZARDOL	Lope B WAS	Proper Repair contair
DBA Name	Address	Outfall	Date CA	Count		SFILL		"	ND WAS	15							-	IORIVIV	MIER								ПА	ANDOC	3 WAS	16
MTI	7709 5th Ave S	7th Ave S SD	08/26/09	2	-				-		\vdash	-				-	-		-										1	1
Mutual Fish Co. Inc.	2335 Rainier Ave S	Diagonal SD		2														1							1				-	
Mutual Fish Co. Inc.	2335 Rainier Ave S	Diagonal SD		6	1	1	1													1				1	1					
Mutual Fish Co. Inc.	2335 Rainier Ave S	Diagonal SD		2														1							1					
Mygrant Glass Company	4321 7th Ave S	Diagonal SD		1							$\vdash \vdash$	_				_	_								1					'
National Aviation National Products Inc (UNICORPORATED KC)	7170 Perimeter Rd S 8410 Dallas Ave S	Slip 4		8	1	1	1				\vdash	-				1	-	-			1						1		1	1
National Products Inc (UNICORPORATED KC) National Products Inc.	1017 S Elmgrove St	Duwamish (NEC) CSO Duwamish (NEC) CSO		5	1	1	1				\vdash	-		-		-	-+	-	-	-							1		-	1
NCM	7245 W Marginal Wy SW	1st Ave S SD-west		5	-	-						-	_	_	_	1	$\overline{}$	1	$\overline{}$								1		1	1
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF	11/21/05	2												1									1					
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF		5		1						1						1						1						1
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF		7	1	1	1								1		-	1			1		1							<u>'</u>
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF		7	1	4	_		-			_	_	_	1		-	-	_	_			1			1	1	_	4	
New Finishes, Inc. New Finishes, Inc.	4235 W Marginal Wy SW 4235 W Marginal Wy SW	SW Idaho St SD SW Idaho St SD	01/20/10	1	1	1	1		-									1								1	1		1	1
Ngoc Viet Jewelry	1236 S Jackson St	Diagonal SD		3														-					1	1	1					
Nha Hang Ngoc Huong	1200 S Jackson St	Diagonal CSO		5	1	1	1																1				1			
Nichols Truck Tire	6311 Corgiat Dr S	Duwamish (NEC) CSO		4	1	1	1																				1			
Nieder MFG Co	2814 Martin Luther King Jr Ave S	Diagonal SD		2																1					1					
Nikkei Concerns	1601 E Yesler Wy	Diagonal SD		12					-							2		-					2		2		2	2		2
Nikkei Concerns	1601 E Yesler Wy	Diagonal SD		2	1	1	1		-			_	_	_	_		-	-	_	_					1			_		 '
Noble Wines Noble Wines	9860 40th Ave S 9860 40th Ave S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF		1	1													1							1					
Non Ferrous Metal	230 S Chicago St	1st Ave S SD-west		2			1	1										•												-
NorStar Specialty Foods Inc.	3901 7th Ave S	Diagonal SD		1																					1					
North Industries	401 S WEBSTER ST	Trotsky Inlet	11/15/07	6	1	1	1																	1			1		1	
North Pacific Seafoods	7417 4th Ave S	Trotsky Inlet		1										1																
North Pacific Seafoods	7417 4th Ave S	Trotsky Inlet		1	-				1			-	-	-	-	_	-	-		-					1		4	-	4	
North Star Casteel North Star Casteel	3909 9th Ave S 3909 9th Ave S	Diagonal SD Diagonal SD		8	1	1	1		1			1	-	-	-	1	-	-		_		1			1		1		1	1
North Star Casteel	3909 9th Ave S	Diagonal SD		10	-	-	1					1					1					- 1	1	1	1	1			1	1 1
North Star Casteel	3909 9th Ave S	Diagonal SD		3		1			1			1				1	-									<u> </u>				
North Star Ice Equipment Corporation	8151 Occidental Ave S	2nd Ave S SD		2																			1		1					
Northland Services	6701 Fox Ave S	S Brighton St SD		8	1											1	1			1						1			1	1 1
Northwest Building Tech Inc.	215 S Austin St	7th Ave S SD		3	1	1	1				$oxed{oxed}$																			
Northwest Center	7272 W Marginal Wy S	Trotsky Inlet		4	1	1	1		-		$\vdash \vdash$	-	-	-	-	1		1					1		1					
Northwest Center Northwest Concrete Resurfacing	7272 W Marginal Wy S 3828 4TH AVE S	Trotsky Inlet Diagonal SD		5		1			+		\vdash	-	-			1	-	1	-	-			1	1	1			-	-	
Northwest Consolidated Investments	3828 4th Ave S	Diagonal SD		1	-	-			_							-	-		_	_				- '	1					
Northwest Consolidated Investments	3828 4th Ave S	Diagonal SD		4												2							2							
Northwest Gourmet Food Products Inc.	9620 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	04/27/12	1																			1							
Northwest Laboratories	241 S HOLDEN ST	7th Ave S SD		5	1	1	1																				1		1	
Northwest Laboratories	241 S HOLDEN ST	7th Ave S SD		1	1	4			-		$\vdash \vdash$	-	_	-		-	\rightarrow								1					
Northwest Oriental Foods Northwest Publishing Center	20 S Idaho St 1710 S Norman St	Diagonal SD Diagonal SD		3	1	1			+		\vdash	-	-			-	-	-	-	-								-	-	
Northwest Publishing Center Northwest Pump & Equipment	601 S Snoqualmie St	Diagonal SD		3	1	-					\vdash	_	_	_	_	\rightarrow	$\overline{}$	_									1		1	
Northwest SeaFood Processors Inc.	206 SW Michigan St	1st Ave S SD-west		4	1	1	1										1													
Northwest Tofu Inc	1911 S Jackson St	Diagonal SD		3	1	1																	1							
Northwind Marine	605 S Riverside Dr	7th Ave S SD		7							$oxed{oxed}$	1				1		1			1						1		1	1
Nuprecon	7245 W Marginal Wy SW	1st Ave S SD-west		9		1		1	-	1	\vdash	_	-	1		1	1	1	-	-			1	1	1		1	1	1	
NW Autowrecking (TUKWILA) NW Container Services Inc.	10230 EAST MARGINAL WAY S 635 S Edmunds St	Norfolk SD/CSO/EOF Diagonal SD		12 5	1	1	1		+		\vdash	-	-	1		1	1	1	-	-			1	1	1		1	-	1	1
NW Container Services Inc.	635 S Edmunds St	Diagonal SD		6	1	_			_					•		1	-	1	-	-							1	1	_	1
NW Container Services Inc.	635 S Edmunds St	Diagonal SD		2																	1	1								
NW Kidney Center	9700 M L KING JR WAY S	Norfolk SD/CSO/EOF	11/23/05	5	1	1	1							1											1					
NW Kidney Center	9700 M L KING JR WAY S	Norfolk SD/CSO/EOF		3			1									1											1			
NW Truck Transmission Inc.	6327 18th Ave S	Duwamish (NEC) CSO		5	1						oxdot												1				1	1		1
Oberto Sausage Company	1715 Rainier Ave S	Diagonal SD		4	1	1	1		-		$\vdash \vdash$	-	_	-		-	-	-							1					
Occuhealth Ohno Construction Company	726 Broadway	Diagonal CSO Norfolk SD/CSO/EOF		4	1				-		\vdash					1	-		-	-							1	1		1
Onno Construction Company	9416 Martin Luther King Jr Wy S	NUTUIK SD/CSO/EUF	02/22/00	4												1											I	1		

Note: Businesses listed in alphabetical order					lement spill response	iase adequate spill response	employees	rmit for facility discharge	atment for discharge	ment system	ate leaks and spills from		nection	process wastewater to	r fueling operations	ir housekeeping	r material transfer practices	r washing practices	facility parts accessible	ged components to storm I replacing	ermit for discharge	maintenance of vehicles	ontainerized materials	on-containerized materials	ty needs to be cleaned	te waste	of waste	int waste disposal	oduct/waste	ontainers e degraded open chemical	
					Develop and imp procedures	Improve or purcha materials	Properly educate	Obtain proper pe	Implement pretre	Maintain pretreal	Clean and elimin	storage areas	Correct illicit con	Don't discharge stormdrain	Implement prope	Implement prope	Implement prope	Implement prope	Make storm drai	Missing or dama drain facility nee	Obtain NPDES p	Properly perform and equipment	Properly store co	Properly store no	Storm drain facil	Properly designa	Properly dispose	Properly docume	Properly store pr	Properly label Co	containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAS	STE							S1	FORMV	VATER								HAZ	ARDOL	JS WAS	TE	
Ohno Construction Company	0.44C Martin Luthar King In W. C	Norfolk SD/CSO/EOF	02/02/09	0	4	1	1								1			1		1			4		1					=	
Ohno Construction Company Ohno Construction Company	9416 Martin Luther King Jr Wy S 9416 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	05/12/11	<u>8</u> 3	1	1			_			1			'			-					1		'					-	
Olsson Manufacturing Inc.	525 S Elmgrove St	South Park/Riverside Dr	02/03/12	2																1					1						
Olympic Steel Door Inc.	7800 7th Ave S	7th Ave S SD	09/14/09	3																	1				1		1				
Oma Construction Inc. O'Neill And Sons	2760 6TH PL S 6640 Ellis Ave S	Diagonal SD Slip 4	11/23/13 08/20/04	<u>4</u> 5	1		1	\vdash	_		_	+	-		-	1	-	1					1	1	1				1	-+	_
Operation Nightwatch	302 14th Ave S	Diagonal CSO	11/14/03	2			- -					+	_		-	-	_	-							1		1		-	-	-
Oppenheimer Cine Rental LLC	7400 3rd Ave S	Trotsky Inlet	10/16/07	6	1	1	1																				1	1	1		
O'Reilly Auto Parts	2805 Rainier Ave S	Diagonal SD	11/10/11	3	1							\Box						1							1					$ \Box$	
Organic Fuel Processors Organic Fuel Processors	7400 8th Ave S 7400 8th Ave S	Slip 4 Slip 4	04/22/10 05/16/12	7 3	1	1	1		-			1	-			1	-	-	-	1	1				1			-			
Oversea Casing Company	601 S Nevada	Diagonal SD	01/23/09	3	1			1				-	_			-									1					-	
Pacer Global Logistics	655 S Edmunds St	Diagonal SD	06/03/03	2	-											1						1			-						
Pacific Grip & Lighting (TUKWILA)	10401 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	12/12/07	4	1	1	1																				1				
Pacific Medical Centers	1200 12th Ave S	Diagonal SD	10/30/03	3 4	4	1	4	\vdash	-			-	-			-	-	-	-	_	_				1			-	1	1	
Pacific Medical Centers Pacific Northwest Theatre Associates, Inc.	1200 12th Ave S 615 S ALASKA ST	Diagonal SD Diagonal SD	05/21/12 05/20/03	4 5	1	1	1	1																	1		1				
Pacific Pile & Marine	582 S Riverside Dr	Duwamish West Direct	12/17/09	9	1	1	1								1			1				1	1	1						1	
Pacific Pile & Marine	582 S Riverside Dr	Duwamish West Direct	12/07/12	3											1								1						1		
Pacific Plumbing Supply Co. LLC	7115 W Marginal Wy SW	Highland Park Way SD	12/07/09	7	1	1	1					_	_			1		1							1		1				
Pacific Plumbing Supply Co. LLC Pacific Publishing Co.	7115 W Marginal Wy SW 636 S Alaska St	Highland Park Way SD Diagonal SD	04/18/14 05/19/03	9	1	1	1	\vdash	1			-	-	-	_	1	_	1	_	_			1				1		1	-+	_
Pacific Publishing Co.	636 S Alaska St	Diagonal SD	11/06/07	3	- '-	1			· ·							-		-					-		1		1		-		
Pacific Rim Equipment Rental	6515 W Marginal Wy SW	T115/Kenny SD	12/17/09	8	1	1	1								1	1		1		1					1						
Pacific Rim Equipment Rental	6515 W Marginal Wy SW	T115/Kenny SD	06/19/12	7						1					1			1		1					1	1				1	
Pacific Shipping Company Pacific Tower	4707 Denver Ave S 1200 12th Ave S	Diagonal SD Diagonal SD	08/03/12 10/30/03	3 4	1	1	1					-				-									1						
Pacific Tower	1200 12th Ave S	Diagonal SD	10/30/03	3		1	1					_	_												'					-	
Pacific Tower	1200 12th Ave S	Diagonal SD	02/03/14	1																1											
Pacific Western Agencies	7700 2nd Ave S	2nd Ave S SD	10/16/09	3	1	1	1																								
Pacifica Marine Inc.	4233 W Marginal Wy SW	SW Idaho St SD	03/11/10	5	1	1	1	\vdash	_			-				4			_				4				1		4	1	
Pacifica Marine Inc. PACO, Yard 1	4233 W Marginal Wy SW 7400 2nd Ave S	SW Idaho St SD 2nd Ave S SD	04/23/14 03/29/07	3	1							_	_			1				1			1	1			1		1	-	
PACO, Yard 1	7400 2nd Ave S	2nd Ave S SD	07/07/10	2												1													1		
PACO, Yard 2	7560 2nd Ave S	2nd Ave S SD	03/29/07	3	1							1												1							
PACO, Yard 2 PACO, Yard 3	7560 2nd Ave S 7601 2nd Ave S	2nd Ave S SD 2nd Ave S SD	07/07/10 03/29/07	1 1	1							-				1															
PACO, Yard 3	7601 2nd Ave S	2nd Ave S SD	07/07/10	1												1														-	
Paine Electronics	2203 23rd Ave S	Diagonal CSO	01/23/04	3																					1				1	1	
Paine Electronics	2401 S Bayview St	Diagonal CSO	10/22/03	2	1																				1						
Pape Material Handling Pape Material Handling	9892 40th Ave S 9892 40th Ave S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	09/30/05 03/30/12	2 2	1							1			1	-		1													
Parent Trust for Washington Children	2200 RAINIER AVE S	Diagonal SD	04/23/14	1											-			-							1					-	
Pawn X-Change	2825 Rainier Ave S	Diagonal SD	01/27/11	1																					1						
Payless Shoe Source	2326 RAINIER AVE S	Diagonal SD	10/09/03	1								_	_			-									1						
PCC Natural Markets Pedersen's Rentals & Sales	5041 Wilson Ave S 4500 4th Ave S	Diagonal CSO Diagonal SD	02/09/04 06/16/11	<u> </u>	1	1	1											1							1						
Pennington Metals & Auto Recycling LLC	543 S Monroe St	7th Ave S SD	04/11/12	4	1		- i											•			1		1							1	
Penske	3301 S Norfolk St	Norfolk SD/CSO/EOF	03/19/08	3	1		1																								
Penthouse Drapery	4033 16th Ave SW	SW Idaho St SD	08/02/10	6	1		1					-	-			_					1				1		1			\rightarrow	
Pepsi Bottling Group Petrocard Systems Inc.	5300 Denver Ave S 9014 14TH AVE S	Diagonal SD S 96th St SD	05/22/03 09/11/13	<u>6</u> 2	1		<u> </u>	\vdash	_		-	+	-	1	-		-	1							1	_	1			-+	_
Phelps Tire	3922 7th Ave S	Diagonal SD	08/28/03	4		-						+	_		-	1	_	\dashv						1	1		1			$\overline{}$	\dashv
Phelps Tire	3922 7th Ave S	Diagonal SD	05/24/06	7	1	1										1								1					1		
Phil's Custom Bindery	309 S Cloverdale St	7th Ave S SD	01/23/09	4	1	1	1	\square				_	-		_	_										1				-	-
Pho Bac 1 Pho Bac IV	1314 S Jackson St 1240 S Jackson St	Diagonal CSO Diagonal CSO	09/17/03 09/17/03	2 1			-	\vdash	_		-	+	-	1	-	1	-	\rightarrow			-				1			-	-	-+	-
Pho Nuong	2826 Martin Luther King Jr Wy S	Diagonal SD	11/12/03	5	1	1	1				\top	+	_		\rightarrow	$\overline{}$	$\overline{}$	\rightarrow							1				1	-	\dashv
Photographic Center Northwest	900 12th Ave	Diagonal CSO	03/11/04	1				1																							
Pike Brewing Co.	6725 EAST MARGINAL WAY S	S Brighton St SD	12/24/13	4	1	1	1																	1							

Note: Businesses listed in alphabetical order					op and implement spill response dures	ve or purchase adequate spill response ials	rly educate employees	n proper permit for facility discharge	ment pretreatment for discharge	ain pretreatment system	and eliminate leaks and spills from Je areas	ct illicit connection	discharge process wastewater to drain	ment proper fueling operations	ment proper housekeeping	ment proper material transfer practices	ment proper washing practices	storm drain facility parts accessible	ng or damaged components to storm facility need replacing	ר NPDES permit for discharge	rrly perform maintenance of vehicles quipment	rly store containerized materials	rly store non-containerized materials	drain facility needs to be cleaned	rfy designate waste	rly dispose of waste	rly document waste disposal	rly store product/waste	rify label Containers r or replace degraded open chemical	iners
DBA Name					Develop	Improve materials	Prope	Obtair	를 발 ND WASTE	Maint	Clean	Corre	Don't storm	Implei	Implei	Implei	TORM	Make	Missir drain 1	Obtair	Prope and e	Prope	Prope	Storm	Prope	Prope	ARDOU	Prope	Prope Repai	contai
ВВА Name	Address	Outfall	Date	CA Count		SPILL		'	ND WASIE	•						•	IOKWI	WAIER								ПА	AKDOU	S WAS	15	
Pile Contractors, Inc.	150 S River St	S River St SD	03/07/07	5	1	1	1		+												1							-	1	_
Pioneer Human Services	7440 W Marginal Wy S	2nd Ave S SD	11/05/07	4	1	1	1																	1					<u> </u>	_
Pioneer Human Services	7440 W Marginal Wy S	2nd Ave S SD	01/10/13	3											1					1		1								
Pioneer Industries	7000 Highland Park Wy SW	Highland Park Way SD	11/03/09	7	1		1								1				1					1				1	1	
Pioneer Industries	7000 Highland Park Wy SW	Highland Park Way SD	09/14/12	4	1	1			+		1		4		1		1									1	1	1	1	_
Plantscapes Horticultural Services Plantscapes Horticultural Services	1127 POPLAR PL S 1127 POPLAR PL S	Diagonal SD Diagonal SD	08/26/03 06/20/07	11 5	1	1	1		+				1		1		1				1			1			1	1	1	
Plantscapes Horticultural Services	1127 POPLAR PL S	Diagonal SD	03/17/11	5					+ +				- '		1	1	-						1				\rightarrow	1	1	
Plantscapes Horticultural Services	1127 POPLAR PL S	Diagonal SD	11/24/14	2													1				1									
Plymouth Poultry	4500 7th Ave S	Diagonal SD	06/04/03	4	1	1	1																	1						
Plymouth Poultry	4500 7th Ave S	Diagonal SD	08/13/09	3		1							1				1												\rightarrow	
Plymouth Poultry PNP Properties LLC	4500 7th Ave S 860 S Cambridge St	Diagonal SD S 96th St SD	10/01/13 01/25/12	<u>4</u> 1													1		1	1		1		1			-		-	_
Polar Supply Sub Lease Area	6000 WEST MARGINAL WAY SW	T115/Kenny SD	06/23/06	1																				1					-	_
Pollos A La Brasa	900 RAINIER AVE S	Diagonal SD	09/06/13	4	1	1	1																	1						
Porbug	820 S CHARLESTOWN ST	Diagonal CSO	12/29/03	5	1														1					1		1		1		
Pork Chop Screen Printing	3706 AIRPORT WAY S	Diagonal SD	05/16/14	8		2	2																			2		2		
Portable Sheds of America	7510 5th Ave S	7th Ave S SD	04/22/09	6 7	1	1	1				1				4		4					4	1			1		1		
Precision Welder & Engine Repair	7510 5th Ave S 4429 Airport Wy S	7th Ave S SD Diagonal SD	10/24/13 12/18/07	3	1		1				1		1		1		1					1	1			1	-			_
Precision Welder & Engine Repair	4429 Airport Wy S	Diagonal SD	08/05/10	3	-								<u> </u>				1							1					1	_
Precision Welder & Engine Repair	4429 Airport Wy S	Diagonal SD	03/12/14	4				1			1												1	1						
Presbytery of Seattle	1625 S COLUMBIAN WAY	Diagonal SD	05/19/03	2																						1		1		
Prince Telecom	4323 AIRPORT WAY S	Diagonal SD	03/12/14	4	1	1	1																	1					-	
Pro Express Inc. Pro Sweep	4800 DENVER AVE S 401 S WEBSTER ST	Diagonal SD	03/18/03 12/11/07	5 4	1	1	1						1				1							1			-	1	1	_
Professional Marketing Group	912 Rainier Ave S	7th Ave S SD Diagonal SD	08/06/03	1	-'-	-											1							1			_	_	-	_
Promenade 23 Shopping Center	2301 S Jackson St	Diagonal SD	08/27/03	1																				1						
Promenade 23 Shopping Center	2301 S Jackson St	Diagonal SD	01/05/11	7	1	1	1					1					1					1		1						
Promenade 23 Shopping Center	306 23rd Ave S	Diagonal SD	08/08/03	1																				1						
Promenade Red Apple Market	2301 S Jackson St	Diagonal SD	08/27/03	3		1									1											1				
Promenade Red Apple Market	2301 S Jackson St	Diagonal SD	01/05/11	<u>4</u> 1							1				1		1					1		1				-	-	_
Public Storage - MLK WY S Public Storage - MLK WY S	10020 M L KING JR WAY S 10020 M L KING JR WAY S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	10/31/05 10/03/13	2															1					1			_	_	-	_
Puget Sound Coatings	9220 8th Ave S	S 96th St SD	01/17/07	8	1	1						1			1		1	1						1				1	-	
Puget Sound Coatings	9220 8th Ave S	S 96th St SD	09/20/12	2										1								1								
Puget Sound Energy	6500 Ursula Ave S	Duwamish (NEC) CSO	05/27/04	5	1	1	1		+			-									\vdash			1				1		_
Puget Sound Foot & Ankle Center Puget Sound Industry Services	600 Broadway 4429 AIRPORT WAY S	Diagonal CSO Diagonal SD	03/30/04 07/23/03	1 8	1	1	1	1	+		_	1			1			1			\vdash			1	-	1	-		-+	-
Puget Sound Industry Services Puget Sound Industry Services	4429 AIRPORT WAY S 4429 AIRPORT WAY S	Diagonal SD	11/22/05	4	1	-			+ +		1				1						\vdash			1			-	-	-	-
Puget Sound Industry Services	4429 AIRPORT WAY S	Diagonal SD	12/18/07	6	1	1					1				1													1	1	
Puget Sound Solar	805 RAINIER AVE S	Diagonal SD	08/02/13	4	1		1																	1						
Puget Sound Truck Lines	7303 8TH AVE S	Duwamish East Direct	11/29/07	9	1	1	1				1				1								1	1				1	1	
Puget Sound Truck Lines, Inc. QFC #849	3720 Airport Wy S 2707 Rainier Ave S	Diagonal CSO Diagonal SD	07/15/03 10/21/03	2	1														1					1			-	-	-	_
QFC #849	2707 Rainier Ave S 2707 Rainier Ave S	Diagonal SD	10/21/03	7		1	1				1		1						<u>'</u>			1		1					-	_
QFC #849	2707 Rainier Ave S	Diagonal SD	09/19/12	4		1	·				1				1							1								
Quan P. Le, M.D.	4069 Rainier Ave S	Diagonal CSO	02/04/04	1																				1						
Queen Anne Upholstery	1414 S Director St	S 96th St SD	07/10/12	6	1	1	1					1							1							1				_
Quorum Property Management	807 RAINIER AVE S	Diagonal SD	09/10/13	1					+		_				1						\vdash			1	-		-	1	-+	_
Qwest Radio Hart's	1313 E Columbia St 5303 Rainier Ave S	Diagonal CSO Diagonal CSO	03/16/04 01/27/04	3					+ +						1						\vdash			2	1	1		1	-+	-
Railworks Comstock	6533 3rd Ave S	S River St SD	09/25/08	2	1		1		+ +																	' '		\dashv	-	-
Rainier Ave Chevron	2802 Rainier Ave S	Diagonal SD	10/10/03	4																				1		1	1	1		
Rainier Ave Chevron	2802 Rainier Ave S	Diagonal SD	07/12/07	3		1																		1					1	
Rainier Ave Chevron	2802 Rainier Ave S	Diagonal SD	11/08/10	4					+			-									\vdash	1						1	1 1	1
Rainier Commons LLC	3100 Airport Wy S	Diagonal SD	03/29/12	5	4	4	4		+					\vdash	1					1		1					-	1	1	\dashv
Rainier Development Group LLC Rainier Grocery Outlet	2021 22ND AVE S 2901 27th Ave S	Diagonal SD Diagonal SD	09/17/14 10/27/03	<u>3</u>	1	1	1		+ +												\vdash			1	1	1	1	-	-+	-
Rainier Grocery Outlet	2901 27th Ave S	Diagonal SD	10/27/03	5		1			+						1											1		-	-	
Grootly Guilot	2001 21 117 140 0	5.agonal OD	10/00/01	J								_																		_

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Proper	Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		II	ND WASTE	•							TORMV	VAIER								HA	ZARDO	US WAS	IL	
D : : M D III #405	2000 254 4 2	D: 10D	10/00/00	,																								=	\dashv	
Rainier McDonald's #435 Rainier McDonald's #435	2336 25th Ave S 2336 25th Ave S	Diagonal SD Diagonal SD	10/30/03 12/10/10	1 6	1	1	1						1						1					1	_			\rightarrow	\rightarrow	
Rainier Pacific Management	4714 Rainier Ave S	Diagonal CSO	03/31/04	1	'	-	'						1						'					1				\rightarrow	\rightarrow	
Rainier Plaza #2 LLC	2707 Rainier Ave S	Diagonal SD	10/01/10	2															1					1				\rightarrow	$\overline{}$	
Rainier Valley Chiropractic P.S.	4236 36th Ave S	Diagonal CSO	03/10/04	1																				1						
Rainier Valley Cultural Center	3515 S Alaska St	Diagonal CSO	02/10/04	1																				1						
Rainier Veterinary Hospital	815 Rainier Ave S	Diagonal SD	08/27/03	1																				1						
Ralph's Concrete Pumping	1511 Rainier Ave S	Diagonal SD	12/12/03	2					-				2													-			\rightarrow	
Ralph's Concrete Pumping	1511 Rainier Ave S	Diagonal SD	03/11/11	3		1			+	-+	1	-	-								\vdash		\vdash	1	_	-			\rightarrow	
Ralph's Concrete Pumping Ralph's Concrete Pumping	1511 Rainier Ave S 816 Poplar PI S	Diagonal SD Diagonal SD	07/16/13 08/12/03	6	1	1	1	-	1		1	-	2		1						\vdash		\vdash	1	_	-		1	\rightarrow	
Ralph's Concrete Pumping Ralph's Concrete Pumping	816 Poplar PI S	Diagonal SD	08/12/03	6	- 1	1	-				1				1						1	1		1						
Ralph's Concrete Pumping	816 Poplar PI S	Diagonal SD	07/02/13	9	1		1				1				1						- '	1	1	1				1	-	1
Rasmussen Equipment Co.	8727 5th Ave S	7th Ave S SD	02/12/08	5	1		1																		1	1		1	-	
Rasmussen Equipment Co.	8727 5th Ave S	7th Ave S SD	09/20/12	5				1		1		1			1									1						
ReBinder.com	6779 E Marginal Wy S	S Brighton St SD	08/20/09	4	1	1	1	1																						
Recession Auto Repair	2702 S Lander St	Diagonal SD	02/08/05	3	1	1	1																							
Recycling Depot	851 RAINIER AVE S	Diagonal SD	08/14/03	4	1	1	1								4									1				\rightarrow	\rightarrow	
Recycling Depot	851 RAINIER AVE S	Diagonal SD	02/04/09	7	1		1				1		1		1	1				1			1			-		\rightarrow	\rightarrow	
Recycling Depot Red Soul	851 RAINIER AVE S 3433 AIRPORT WAY S	Diagonal SD Diagonal SD	10/01/10 10/29/14	3	1	1	1				1				1	1				1			- '-							
Redox Inc.	7800 7th Ave S	7th Ave S SD	09/14/09	5	1	1	1													1						1			$\overline{}$	
Reed Aviation	8490 Perimeter Rd S	Slip 5 KCIA SD #2	10/04/04	1	1																								$\overline{}$	
Refrigeration Supplies Distributor Total Control	625 S Industrial Wy	Diagonal SD	01/11/12	2													1							1						
Reliable Auto Parts (TUKWILA)	4345 S 104th PI	Norfolk SD/CSO/EOF	12/10/07	2	1																								1	
Reliance Fire Protection	3706 Airport Wy S	Diagonal SD	07/30/03	4	1	1	1						1																	
Remo Borracchini's Bakery	2307 Rainier Ave S	Diagonal SD	10/23/03	1								-												1				\longrightarrow	\rightarrow	
Remo Borracchini's Bakery	2307 Rainier Ave S	Diagonal SD	12/10/10	6	4	4					1		4		4				1			1		1		-		\rightarrow		
Renaissance Renato's Auto	5212 6TH AVE S 9830 Martin Luther King Jr Wy S	Diagonal SD Norfolk SD/CSO/EOF	05/15/03 04/14/11	7	1	1	1						1		1						1			1				1	1	
Rent-A-Center	2301 S JACKSON ST	Diagonal SD	08/05/03	2	-								1								- '					1				
Resolute	4660 Ohio Ave S	Diagonal SD	11/16/11	3	1	1	1																						$\overline{}$	
Rex's Service	5059 Wilson Ave S	Diagonal CSO	02/09/04	3	1		1																	1						
Richlen's Mini-Mart/76 Gas Station	2220 E Union St	Diagonal CSO	03/10/04	4	1	1	1																	1						
Richlen's Mini-Mart/76 Gas Station	2220 E Union St	Diagonal CSO	08/12/10	4	1	1	1		<u> </u>															1						
Rite Aid #5224	2707 Rainier Ave S	Diagonal SD	10/20/03	3	4	4	4		1						1		-					1			_	1			\rightarrow	
Rite Aid #5224 Robert Grenley, M.D.	2707 Rainier Ave S 600 Broadway Ave	Diagonal SD Diagonal CSO	10/01/10 04/02/04	<u>4</u> 1	- 1	1	- '					-					_									1			-	
RockTenn Recycling & Waste Solutions	4050 E Marginal Wy S	Diagonal SD	08/02/11	4	1									1	1					1								\rightarrow	\rightarrow	
Rogers Machinery Co.	7800 5th Ave S	7th Ave S SD	02/12/08	4	1	1	1																						1	
Rogers Machinery Co.	7800 5th Ave S	7th Ave S SD	05/07/12	7	1			1	1															1		1		1	1	
Rosella's Fruit and Produce Co, Inc.	6731 E Marginal Wy S	S Brighton St SD	04/15/09	3	1	1	1																							
Rosso Gardens	6404 Ellis Ave S	Duwamish (NEC) CSO	08/06/09	7			1	1									-								1	1	1	1	1	
Royal Glass Co., Inc. Ruan Transportation	1216 S Weller St 4058 Rainier Ave S	Diagonal SD Diagonal CSO	08/19/03 02/18/04	7		1	1				1	-			1		_					1		2			1	1	-	
Safari Exports	3655 EAST MARGINAL WAY S	Diagonal SD	01/24/14	3	1						<u> </u>													1			<u> </u>		\rightarrow	
Safelite Auto Glass	4005 6TH AVE S	Diagonal SD	12/20/12	1	-												1													
Safelite Glass Corp.	665 S Dakota St	Diagonal SD	06/23/03	5	1	1	1						1											1						
Safelite Glass Corp.	665 S Dakota St	Diagonal SD	05/15/08	2	1																			1						
Saigon Viet Nam Deli	1200 S Jackson St	Diagonal CSO	03/16/04	5			1								4							1				1			\rightarrow	
Saint Gobain Containers Saint Gobain Containers	5801 E Marginal Wy S 5801 E Marginal Wy S	Duwamish East Direct Duwamish East Direct	06/03/08 08/31/10	5 4	1	1		_	+	-+	1	-			1				1		\vdash		\vdash			-		1	\rightarrow	
Sam Perkins	720 S ORCHARD ST	S Myrtle St SD	11/14/05	1		1			+						-				1		\vdash		\vdash			-			\rightarrow	-
Samson Tug and Barge	6361 1st Ave S	Duwamish East Direct	07/28/08	5	1	-			+	1	_						-			1	\vdash		-	1		+			1	
Samson Tug and Barge	6361 1st Ave S	Duwamish East Direct	11/14/13	3	1	1																1						, — †	\rightarrow	
Samson Tug and Barge	7400 8TH AVE S	Slip 4	06/24/08	9	1	1	1								1								1	1		1		1	1	
Samson Tug and Barge	7553 Detroit Ave SW	1st Ave S SD-west	09/28/10	4	1										1						1							1		
San Gennaro Foods	9620 M L KING JR WAY S	Norfolk SD/CSO/EOF	11/17/05	2															1					1				\Box		
Schooner Exact Brewing Co.	3901 1st Ave S	Diagonal SD	10/11/10	5	1		1	1	+											1	\vdash		\vdash		_	-			\rightarrow	
Schubert Floorcovering Co.	8305 7th Ave S	7th Ave S SD	10/19/09	5	1	1	1															1		1	L					

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Correct illicit connection Don't discharge process wastewater to	stormarain Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Renair or replace degraded open chemical	Kepair or replace degraded upen diennoal containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		<u> </u>	ND WAS	E							STORM	WATER	· · · · · ·							HA	ZARDO	JS WAS	TE	
Cabuahant Care	F20 C	74h Aug 0 00	44/40/00		4												4													\Box
Schuchart Corp. Schwartz Brothers Bakery Seattle	530 S Holden St 619 S Nevada St	7th Ave S SD Diagonal SD	11/16/09 10/21/11	3 4	1		1	\vdash	-		1	-		_			1		1	1		1				-			\rightarrow	
Schwartz Brothers Bakery Seattle	619 S Nevada St	Diagonal SD	11/22/13	1			- 1				- '	_							- '	1				1					\rightarrow	
Scientific Supply & Equipment Inc.	619 S Snoqualmie St	Diagonal SD	02/26/14	3	1	1	1																						-	
Scientific Supply & Equipment, Inc.	926 POPLAR PL S	Diagonal CSO	08/07/03	3		1																		1				1		
SCS Refrigerated Services	303 S River St	S River St SD	03/06/09	6	1	1	1												1					1					1	
Sea Pac Transport Services LLC	3544 W Marginal Wy SW	T115/Kenny SD	10/05/06	6	1	1	1								1								1	1					\Box	
Sea Pac Transport Services LLC	3544 W Marginal Wy SW	T115/Kenny SD	06/17/14	2				\square			1	-		_	-									1	_	-			\rightarrow	
Seafreeze	7245 W Marginal Wy SW	1st Ave S SD-west	07/16/09	2	1	1		\vdash	+			-		_	1										\perp				\rightarrow	-
SeaFreeze Cold Storage Sealant Specialists	206 SW Michigan St 4621 Airport Wy S	Highland Park Way SD Diagonal SD	09/26/12 05/20/03	<u>3</u>	1	1	1	\vdash				-			1				1					1				1	-	
Sealant Specialists Sealant Specialists	4621 Airport Wy S	Diagonal SD	06/29/10	4	1	1	1		_			+	_	_	1											1		-	-+	
Seapine Brewing Co.	3828 4TH AVE S	Diagonal SD	08/29/14	4	1	1	1								<u>'</u>					1						-				
Seaport Food Mart	7801 Detroit Ave SW	2nd Ave S SD	09/24/10	6	1	1	1			1									1					1					-	
Seaport Food Mart	7801 Detroit Ave SW	2nd Ave S SD	09/12/14	5	1	1					1						1							1						
Seaport Petroleum	7800 Detroit Ave SW	1st Ave S SD-west	02/07/11	12		1	1				1	_		1	1	1	1			1		1		1		1			1	
Seaport Petroleum	7800 Detroit Ave SW	1st Ave S SD-west	01/26/12	5	1						1			-		1						1				1				
Seaport Petroleum	7800 Detroit Ave SW	1st Ave S SD-west	12/06/13	9	1	1			_		1	-		1	1	1		_				1		4		_		_	1	
Sears Service Center Sears Service Center	4786 1ST AVE S	Diagonal SD	03/21/03	6	1	1	1		_			-			1							1		1		-		1	\rightarrow	
Sears Service Center Sears Service Center	4786 1ST AVE S 4790 1st Ave S	Diagonal SD Diagonal SD	07/13/12 07/13/12	2 4						1		-			1									1		1				
Sears Service Center	4790 1st Ave S 4790 1st Ave S	Diagonal SD	09/19/14	4											1				1					1		-		1		
Seatac Marine Services LLC	6701 FOX AVE S	S Brighton St SD	04/23/09	7		1	1				1				1													1	1	1
Seatac Marine Services LLC	6701 FOX AVE S	S Brighton St SD	06/14/12	4											1				1			1						1		
Seattle Automotive Distributing, Inc.	1264 S King St	Diagonal CSO	03/15/04	1																				1						
Seattle Barrel	4621 AIRPORT WAY S	Diagonal SD	03/07/14	1										_										1						
Seattle Barrel Company	4520 7th Ave S	Diagonal SD	06/30/03	3				\vdash				_		_	1			_				1				_			1	
Seattle Barrel Company Seattle Barrel Company	4716 Airport Wy S 4716 Airport Wy S	Diagonal SD Diagonal SD	06/03/03 08/02/06	7 9	1	1	1		_	1	1	_	1	_	1	_	1									_			-+	
Seattle Barrel Company	4716 Airport Wy S	Diagonal SD	09/10/08	9	1	-	-				1		1	_	1	-	1								1	1	1	1	1	
Seattle Barrel Company	4716 Airport Wy S	Diagonal SD	02/09/09	2								_	1	_	<u> </u>		1								<u> </u>	<u> </u>	<u> </u>	•		
Seattle Boiler Works Inc.	500 S MYRTLE ST	Duwamish East Direct	11/13/13	2		1						1																	$\overline{}$	
Seattle Cabinet & Design LLC	6533 3rd Ave S	S River St SD	11/03/10	3	1	1	1																							
Seattle Central Community College - Wood Technology		Diagonal SD	01/25/13	6	1	1	1								1									1				1		
Seattle Children's Play Garden	1745 24TH AVE S	Diagonal SD	06/12/14	2								_	1	_			1													
Seattle City Light Seattle City Light	3613 4th Ave S 3613 4th Ave S	Diagonal SD Diagonal SD	05/07/03 03/03/09	2				$\vdash\vdash$	+	-+	-	+		_	+	-	1	-	1			-		1	+	+	\vdash		1	-
Seattle City Light	3613 4th Ave S	Diagonal SD Diagonal SD	03/03/09	1	1				+			+	_	+	+				<u> </u>							+			+	-
Seattle Curtain	104 12th Ave	Diagonal CSO	03/01/04	1	•							\top			1									1					$\overline{}$	
Seattle Distribution Center	6701 E Marginal Wy S	S Brighton St SD	03/18/09	1																				1						
Seattle DOT - Sunny Jim	4200 Airport Wy S	Diagonal SD	05/30/03	2	1		1																							
Seattle DOT - Sunny Jim	4200 Airport Wy S	Diagonal SD	05/07/08	2	1										1														—	
Seattle Farm Co- Operative Seattle Forging & Tool Inc.	1817 S Jackson St 218 S Holden St	Diagonal SD Trotsky Inlet	03/09/12 11/19/07	5 1	1	1	1	\vdash				-			1									1					-	
Seattle Goodwill	1400 S Lane St	Diagonal SD	08/15/03	5	1		1		_			+	_	_	_							1				1		1	-+	
Seattle Goodwill	1400 S Lane St	Diagonal SD	11/28/07	12		1	1						1	1	1		1					· ·	1	1		1		1	1	
Seattle Goodwill	1400 S Lane St	Diagonal SD	07/15/11	6							1		1		1							1						1		1
Seattle Goodwill	1400 S Lane St	Diagonal SD	05/01/14	6	1												1			1				1		1		1		
Seattle Granite Countertops	4700 Ohio Ave S	Diagonal SD	07/25/08	5	1	1	1								1	1													—	
Seattle Granite Countertops	4700 Ohio Ave S	Diagonal SD	02/19/09	2	1			\vdash	+	-	_	-	1	-	1										+	+		4	1	
Seattle Habitat for Humanity Seattle Housing Authority - Housing Operations Faci	21 S Nevada St	S Nevada St SD Diagonal SD	10/26/11 04/03/13	3	-				+		-	+			+		1	1				1			+	+		1	1	-
Seattle Iron & Metals Corp.	601 S Myrtle St	S Garden St SD	01/30/09	4	1										1			<u> </u>				1	1						\rightarrow	-
Seattle Iron And Metals Truck Parking	730 S Myrtle St	S Myrtle St SD	03/14/12	6	1		1				1				1							1						1		
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	10/24/03	7	1	1	1	1									1		1					1						
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	09/26/07	6	1		1								1	1					1							1		
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	08/11/09	5	1										1									1	_	1	\Box	1		
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	05/24/12	3				Н.	+		1	-		_	-										\perp	1		1	\rightarrow	-
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	06/18/14	2				1	+		1	-		-	+										+	1	\vdash		\rightarrow	-
Seattle Lighting Fixture Co Distribution Center	3800 1st Ave S	Diagonal SD	03/20/03	1				ш																		1				

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	MA Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical	containers
DBA Name	Address	Outfall	Date	CA Count		SFILL		"	ND WASI	_						•	OKW	WAIER	`							ПА	AKDOU	JS WAS	16	
Scottle Parks Dont Citywide Harticulture Conter	1600 S Dakota St	Diagonal CSO	06/30/03	1									-											1	_					_
Seattle Parks Dept - Citywide Horticulture Center Seattle Parks Dept - Medgar Evers Pool	1600 S Dakota St 500 23rd Ave	Diagonal CSO Diagonal SD	11/04/03	4	1	1	1		+ +			+	+														-	-	1	-
Seattle Public Library	2821 Beacon Ave S	Diagonal SD	12/20/04	1			•															1								\exists
Seattle Public Utilities - Paint Shop	3641 2ND AVE S	Diagonal SD	03/14/03	1																				1						
Seattle Radiator Works	5011 Ohio Ave S	Diagonal SD	04/06/11	4											1									1				1	1	
Seattle Schools- Science Materials center	6795 E Marginal Wy S	S Brighton St SD	12/01/10	3	1	1	1		-	\dashv		-		\square	\square															_
Seattle Self Storage	1100 Poplar PI S	Diagonal SD	08/07/03	3	\vdash	1	11		-	\dashv	_	-	-	\vdash	\vdash	-			4					1			-			-
Seattle Self Storage Seattle University	1100 Poplar PI S 900 Broadway	Diagonal SD Diagonal CSO	09/06/12 04/05/04	2	\vdash				+	-+		-	+		\vdash			1	1					1			-	-	-+	-
Seattle University Seattle University	900 Broadway 901 12th Ave	Diagonal CSO	03/11/04	1	\vdash	1							+					<u> </u>						- ' -			\rightarrow	-	+	-
Seattle University Engineering Building	900 Broadway	Diagonal CSO	03/11/04	3	1	1	1																							_
Seattle Vocational Institute	2120 S Jackson St	Diagonal SD	01/25/13	7	1	1	1			1							1							1				1		
Seattle's Central Bark	838 Poplar PI S	Diagonal SD	08/11/03	1																						1				
Seattle's Central Bark	838 Poplar PI S	Diagonal SD	07/02/13	3	1	1	1																							
Second Use	3223 6TH AVE S	Diagonal SD	12/13/12	2								-							1					1	_				\longrightarrow	
Second Use Building Materials Inc. Second Use Building Materials Inc.	7953 2ND AVE S 8001 5TH AVE S	1st Ave S SD-west 1st Ave S SD-west	10/19/09 09/11/09	<u>3</u> 5	1	1	1								1									1	_				-	_
Security Service Northwest, Inc	9640 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	12/22/05	4	1	1	1						1		- '									'						_
Senior Services - Minor Home Repair	620 S SPOKANE ST	Diagonal CSO	08/21/03	3		1							<u> </u>											1		1				_
Service Welding and Machine	1435 S Jackson St	Diagonal SD	09/10/12	5	1		1																	1		1		1		
Servpro	1915 21ST AVE S	Diagonal SD	01/21/04	4				1											1									1	1	
Seven Star Mini Mart	1917 S Jackson St	Diagonal SD	11/03/11	3	1	1	1																							
SFD - Fire Station # 27	1000 S Myrtle St	Slip 4 Other	08/20/04	1																				1			-		-	_
SGM- Strategic Global Mobility SHA - South Operations Facility	6000 WEST MARGINAL WAY SW 7500 Detroit Ave SW	T115/Kenny SD 1st Ave S SD-west	06/23/06 06/21/13	3 2	1	1	1		-		_		_									1					-	_	1	_
Shell #111	852 Rainier Ave S	Diagonal SD	09/05/03	3	1		1																	1						_
Shell #111	852 Rainier Ave S	Diagonal SD	07/09/10	1																				1						
Shell Gas Station	2015 E Union St	Diagonal CSO	03/10/04	3	1	1	1																							
Shell Gas Station & Food Mart	6200 Corson Ave S	Duwamish (NEC) CSO	03/11/08	2		1	1																							
Shell Gas Station & Food Mart	6200 Corson Ave S	Duwamish (NEC) CSO	06/30/09	2	1																			1						
Shiomi and Chinn Investments LLC	1032 S Jackson St	Diagonal CSO	04/15/04	2											1									1			-		-	_
Show Quality Metal Finishing Show Quality Metal Finishing	1115 S ELIZABETH ST 1115 S ELIZABETH ST	Slip 4 Slip 4	10/06/04 01/29/08	5 1	1	1	1		_			-	_										1		1	1	-	_	-	_
Shultz Distributing Inc.	6851 E Marginal Wy S	S Brighton St SD	01/27/06	6	1						1				1	1			1					1						_
Shultz Distributing Inc.	6851 E Marginal Wy S	S Brighton St SD	08/18/10	4		1		1	1	1																			-	
Shultz Distributing Inc.	6851 E Marginal Wy S	S Brighton St SD	02/06/12	1									1																	
Shultz Distributing Inc./Galvin Flying	1495 S Hardy St	Slip 4	03/15/05	4	1	1	1								\square									1		\vdash				_
Shultz Distributing Inc./Galvin Flying	1495 S Hardy St 2104 S Plum St	Slip 4 Diagonal CSO	05/22/07	2	1	1	1		-		1	-	-		\vdash									1				1		-
Skeeter's Auto Rebuild, Inc. Skeeter's Auto Rebuild, Inc.	2104 S Plum St 2104 S Plum St	Diagonal CSO Diagonal CSO	02/03/04 03/26/09	5 7	1	1	1		+ +	-+			1				1							1			-	1	+	-
Skyline Electric & MFG. Company	3619 7th Ave S	Diagonal SD	12/01/03	5		1											-						1					1	-	_
Skyline Electric & MFG. Company	3619 7th Ave S	Diagonal SD	05/21/14	1																				1						
Skyline Pacific Northwest	4105 AIRPORT WAY S	Diagonal SD	01/17/13	3	1		1																							
SME Electrical Contractors	828 Poplar PI S	Diagonal SD	08/11/03	8	1	1	1		-				1		1				-			1	1	1				_	-	_
SME Electrical Contractors SME Electrical Contractors	828 Poplar PI S 828 Poplar PI S	Diagonal SD Diagonal SD	08/21/07 01/26/12	3		1									1									1		1				_
Smith Berger Marine Inc.	7915 10th Ave S	Duwamish (NEC) CSO	02/27/09	6	1	1	1								1									1					1	
Snorkel Stove Company	4216 6th Ave S	Diagonal SD	01/27/12	3	1		1																							
Sons of Haiti	153 14th Ave	Diagonal CSO	03/12/04	1																				1						_
Soreano's Hatfield Plumbing & Heating Co., Inc.	3704 S Ferdinand	Diagonal CSO	01/12/04	11						\rightarrow					\vdash		4									1		-		_
Sound Marine and Industrial Services Inc Sound Transit LINK Operations and Maintenance Fac	300 S SULLIVAN ST	1st Ave S SD-west Diagonal SD	01/24/14 06/11/13	2	1				+	-+	_	-	+		1		1		1			1	1		+		-		-	-
South Paw Screen Printing	309 S CLOVERDALE ST	7th Ave S SD	06/11/13	4	1	1	1		1	-+	_	+	+										1		+	1	+	-	-	-
South Seattle Business Park	4634 E Marginal Wy S	Diagonal SD	10/14/10	3	1	1	1																			<u> </u>		$\overline{}$	$\overline{}$	\dashv
South Seattle Business Park	4634 E Marginal Wy S	Diagonal SD	07/15/14	4							1								1			1		1						
South Seattle Community College	6000 16TH AVE SW	SW Idaho St SD	06/06/11	10	1	1	1					1			1		1		1			1		1		1				
South Seattle Community College	6000 16TH AVE SW	SW Idaho St SD	04/24/14	3											I				1			1		1		1				_
Southern Wine and Spirits	4101 1ST AVE S	Diagonal SD	07/03/13	5	1	1	1		+		_	-	-		\vdash	1			4			1						4		-
Special Asphalt Products Inc Special Asphalt Products Inc	9243 Martin Luther King Jr Wy S 9243 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	12/01/05 09/02/10	6 8	1	1	1		+	-+	1	-	+		1	1			1	1		1		1		1		1	-+	-
ореста Аэрнан гточисть птс	3243 Martin Lutter King Jr Wy 5	INUTION SD/CSC/EUF	09/02/10	0												I			<u> </u>	<u> </u>				1		1				

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implemer	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		II	ND WASTE							S	TORMV	VATER								HA	ZARDO	JS WAS	,TE
Speedeelube Speedway Collision Service Center Spencer Technologies Sprague Pest Solutions Sprague Pest Solutions SPU South Transfer Station SPUD.com SSCC - Aviation Department Hangar (TUKWILA) Stan's Hamburgers Stan's Hamburgers Star Laundry Starbucks Coffee Company Starbucks Coffee Company Starbucks Coffee Company Starline Inc Starline Inc Starline Inc Stella Toe Studios Steeler Inc Steeler Inc Steeler Inc Steeler Inc Stella Color Stewart Industries Stewart Lumber Co. Stone Fly Design Stusser Electric Co. Stusser Electric Co. Summit Radiology Summit Radiology Sun Food Trading Co.	9637 Martin Luther King Jr Wy S 1801 Rainier Ave S 701 16th Ave 1136 Poplar PI S 1136 Poplar PI S 8100 2nd Ave S 8 S IDAHO ST 8900 E Marginal Wy S 828 RAINIER AVE S 828 RAINIER AVE S 160 12th Ave 2921 Martin Luther King Jr Wy 2920 Martin Luther King Jr Wy 2920 Martin Luther King Jr Wy 2921 Martin Luther King Jr Wy 2920 M L KING JR WAY S 8900 E Marginal Wy S 5020 Ohio Ave S 10023 M L KING JR WAY S 620 S Dakota St 16 S IDAHO ST 1761 Rainier Ave S 4660 E Marginal Wy S 660 S Andover St 660 S Andover St 660 S Andover St 861 Poplar PI S 861 Poplar PI S 861 Poplar PI S 4715 6th Ave S 4715 6th Ave S 1328 S Weller St	Outfall Norfolk SD/CSO/EOF Diagonal SD Diagonal SD Diagonal SD Diagonal SD 1st Ave S SD-west Diagonal SD Slip 5 KCIA SD #2 Diagonal SD Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF Diagonal SD	01/11/12 10/01/10 03/16/04 08/27/03 04/03/13 06/10/05 05/10/11 08/11/04 09/03/03 07/12/07 02/27/04 10/13/03 01/14/11 06/11/10 07/21/14 08/11/04 09/30/05 05/12/11 10/09/14 12/10/10 03/26/03 12/23/03 03/19/03 07/02/03 12/05/08 08/20/03 08/07/13 05/19/03 10/17/07 09/05/12 04/04/14 08/19/03	2 6 1 2 1 1 2 3 4 4 4 4 2 4 3 2 3 3 8 8 5 5 3 2 6 2 4 5 1 4 7 4 3 2 2 2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				1 1 1 1	1	1		1 1 1 1 1 1 1 1 1 1		1 1 1 1 1		1	1		1 1 1	1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1 1 1 1 1 1 1 1	1 1	1 1 1 1 1 1	
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Column C	Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need replacing	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical containers
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DBA Name	Address	Outfall	Date	CA Count		SPILL		I	ND WAS	ΓE							STORM	WATER	₹							HA	ZARDO	US WAS	šTE
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University of Washington Consolidated Laundry Upgrade Auto Service	2901 27th Ave S 520 12th Ave S	Diagonal SD Diagonal SD	11/14/13 08/15/03	2	1	2			_																				
UPS	4455 7th Ave S	Diagonal SD	05/28/03	4									1		1				1					1					
UPS	4455 7th Ave S	Diagonal SD	10/24/12	3	1						1								1										
UPS	4455 7th Ave S	Diagonal SD	03/21/14	1																				1					
Urban Hardwoods Inc	8427 1st Ave S	1st Ave S SD-west	10/19/12	1																		1				1			
Urban Hardwoods Inc.	4755 Colorado Ave S	Diagonal SD	10/04/12	4	1	1	1					_								1									
Urban League of Metropolitan Seattle	105 14th Ave	Diagonal CSO	02/24/04	1 1	-	-			+			-	-	-		_								1		-			
US Bank US Club House Home & Garden	2910 Rainier Ave S 3810 Airport Wy S	Diagonal SD Diagonal CSO	01/14/11 08/28/03	3		1	-		+			-	-	+										1	+-	1		1	
US Printing	6501 E Marginal Wy S	S River St SD	06/10/09	3	1	1	1		+			-		+											+-	1		1	
Utility Inc.	3931 1ST AVE S	Diagonal SD	09/08/04	5	1	1							1													1			
Uwajimaya	4601 6th Ave S	Diagonal SD	10/17/11	2													1							1					
V.Van Dyke, Inc.	150 S River St	S River St SD	12/01/06	3		1					1													1					
V.Van Dyke, Inc.	150 S River St	S River St SD	03/19/09	5							1				1							1						1	1
Valley Gear & Transmission, Inc.	1543 Rainier Ave S	Diagonal SD	10/29/03	11																				1					
Van Asselt Elementary School	8311 Beacon Ave S	Norfolk SD/CSO/EOF	10/31/05	1								_		-	_									1					
Vans Metal Spinning	1819 S Jackson St	Diagonal SD	10/14/11	8	1	_	1				1	-	_	-	-				1	1		1		4		1			1
Verizon Wireless Versatile Drilling	3440 6th Ave S 7201 DETROIT AVE SW	Diagonal SD 1st Ave S SD-west	01/31/12 08/30/11	6 2	1	1	1		_			-	_	+	1		1		1					1		+			
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Veterans Administration Medical Center	1660 S Columbian Wy	Diagonal SD	07/06/12	1								1																	
Victor's Granite & Marble LLC	4660 E Marginal Wy S	Diagonal SD	11/16/11	6	1	1	1						1							1		1							
Viet Wah Supermarket	1032 S Jackson St	Diagonal CSO	03/15/04	3	1	1	1																						
Vietnam's Pearl	708 Rainier Ave S	Diagonal SD	08/28/03	3	1	1									1														
Votivo, Ltd.	3450 4th Ave S	Diagonal CSO	08/14/03	3	1	1	1					_																	
Vy Da	1200 S Jackson St 7745 1st Ave S	Diagonal CSO	07/07/04	5	1	1	1					-	_	-	-		-						1			1			
W & O Supply Inc W. G. Wright & Associates, Inc.	301 S Webster St	1st Ave S SD-east 7th Ave S SD	08/30/11 10/16/07	5 1	1	1	1		_			-	_	+	1		1									+		1	
W.G. Clark Construction Co.	7958 Occidental Ave S	2nd Ave S SD	10/20/09	8	1		1		_					+	_		1		1			1		1				1	1
W.W. Grainger, Inc.	4930 3rd Ave	Diagonal SD	04/17/03	3	1		1										i i		<u> </u>			<u> </u>		1					
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WA Air National Guard	6736 Ellis Ave S	Slip 4	07/29/04	1			1																						
Walgreen Store # 03632	2400 S Jackson St	Diagonal SD	11/22/11	3	1																								
Wall & Ceiling	9830 40th Ave S	Norfolk SD/CSO/EOF	09/16/05	7	1	1	1					_		-			1		1					1		-		1	
Wall & Ceiling	9830 40th Ave S	Norfolk SD/CSO/EOF	04/20/12	4		-	_					-	_	-	1		1						1	1		-			
Washington Belt & Drive Systems Washington Liftruck	4201 AIRPORT WAY S 700 S Chicago St	Diagonal SD 7th Ave S SD	06/16/03 05/24/12	2 4		1			_		1	-	_	+	1							1		1		+			1
Washington Middle School	2101 S Jackson St	Diagonal SD	09/04/03	2						1														1					
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Washington State Department of Social and Health		Diagonal CSO	04/07/04	2															1					1					
Washington State DOT - Gas Station	3700 9th Ave S	Diagonal SD	12/04/03	3	1	1	1																						
Washington State DOT - Gas Station	3700 9th Ave S	Diagonal SD	08/23/07	1	1	-						_		-	-											-			
Washington State DOT - Gas Station	3700 9th Ave S	Diagonal SD	02/13/14	2	1				_					1															
Washington State DOT - Signal Shop Washington State DOT - Signal Shop	3700 9th Ave S 3700 9th Ave S	Diagonal SD Diagonal SD	12/04/03 08/23/07	<u>3</u> 1					_			-	1	+									1	1		+			1
Washington State DOT - Signal Shop	3700 9th Ave S	Diagonal SD	02/13/14	2	1				_					+			1							- '					
Washington State BOT - Signal Shop Wash's Auto Repair	5021 Rainier Ave S	Diagonal CSO	02/05/04	2	1		1										<u> </u>								\dashv	1			
Waste Management, Inc. Alaska St. Facility	70 S Alaska St	Diagonal SD	09/30/09	1											1														
Waste Management, Inc. Alaska St. Facility	70 S Alaska St	Diagonal SD	02/22/13	1	1																								
Watermark Press	1407 S Dearborn St	Diagonal SD	08/14/03	7	1	1				1																1	1		1
Watermark Press	1407 S Dearborn St	Diagonal SD	09/06/07	3	1	1	1																						
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West Coast Printing West Coast Wire Rope & Rigging Inc	622 Rainier Ave S 7777 7TH AVE S	Diagonal SD 7th Ave S SD	08/28/03 04/25/12	1 8	1	1	1	\vdash	+			-	-	_	1		1		1					1	+-	1		1	1
West Seattle Radiator Service	4101 W Marginal Wy SW	SW Dakota St SD	03/25/10	8 7	1	1		1	+			_	_	+	- '-				- 1		1			- ' - 	+-		1	- 1	
Westbridge Maintenance Facility	4209 W Marginal Wy S	SW Dakota St SD	05/06/10	5	<u> </u>	† ·	i i	<u> </u>							1		1		1		<u> </u>				\dashv	 '		1	1
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DBA Name	Address	Outfall	Date	CA Count		SPILL		II	ND WAS	TE							\$	STORM	WATER	र							HA	ZARDO	US WAS	STE	
Western Peterbilt Inc.	3707 AIRPORT WAY S	Diagonal SD	07/17/03	2																					1			1		\equiv	
Western Stud Welding	127 S KENYON ST	2nd Ave S SD	05/30/14	1							_							1									-	-		\rightarrow	
					4		4				_	-	_					1					1				-			\rightarrow	
Western Waterproofing Co., Inc.	4429 Airport Wy S	Diagonal SD	04/20/11	3	1		1				_	-	_										1		4		-			\rightarrow	
Westward Mobile Park	9685 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	11/18/05	1		4						-	_	_											1		-			\rightarrow	
WGM Jeweler Company	301 23rd Ave S	Diagonal SD	09/16/03	2		1																					1			\longrightarrow	
WHECO Corp	315 S Fontanelle St	2nd Ave S SD	11/14/07	3	1	1	1					_			_												-			\rightarrow	
White Glove Desingner Moving & Storage Services	301 S WEBSTER ST	7th Ave S SD	10/15/13	3	1	1	1					_																		\longrightarrow	
Whole Foods Market Distribution Center	4250 E Marginal Wy S	Diagonal SD	08/03/11	2	1		1																								
Whole Foods Markets Select Fish	5980 1st Ave S	Duwamish East Direct	04/15/11	6	1	1	1					1									1		1								
Wholesale Transmissions	4527 Rainier Ave S	Diagonal CSO	02/12/04	3	1	1																							1		
Wilcor Grounding Systems	4045 7th Ave S	Diagonal SD	12/14/10	4	1	1	1														1										
Willies Recycling	728 S Monroe St	7th Ave S SD	05/04/12	10	1	1										1					1	1		1			1	1	1	1	
Win Lee Motors Inc	9637 M L KING JR WAY S	Norfolk SD/CSO/EOF	12/16/05	4								1				1												1	1		
Windows 101 LLC	7900 OCCIDENTAL AVE S	2nd Ave S SD	11/22/13	3	1	1	1																								
Wings Aloft	8467 Perimeter Rd SE	Slip 5 KCIA SD #2	09/13/04	2	1																								1		
Work Source	2531 Rainier Ave S	Diagonal CSO	06/17/04	2																1					1						
Workpointe	9877 40th Ave S	Norfolk SD/CSO/EOF	10/13/05	1																					1						
Workpointe	9877 40th Ave S	Norfolk SD/CSO/EOF	02/26/13	6	1	1	1													1				1	1						
Wright Way Truck Repair	9688 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	11/18/05	5	1	1	1																						1	1	
Xtracted Laboratories 502 Inc.	2021 22ND AVE S	Diagonal SD	09/17/14	3	1	1	1																						-		
Y&M Auto Repair	2114 22ND AVE S	Diagonal SD	07/02/09	9	1		1									1		1				1					1		1	1	
YMCA of Greater Seattle	1700 23rd Ave E	Diagonal CSO	03/15/04	2	<u> </u>	<u> </u>						_				-				1		<u> </u>			1		† <u> </u>				
YMS	525 S BRIGHTON ST	S Brighton St SD	10/28/14	5	1	1	1											1			1										
Yuen Lui Studio	1407 S DEARBORN ST	Diagonal SD	07/02/13	5	1	1	1					_									<u> </u>				1				1	$\overline{}$	
Zevia LLC	14 S IDAHO ST	Diagonal SD	04/25/08	4	1	1	1				-	_	-	1	-										- '				1	$\overline{}$	
Totals	11010/11001	Diagonal OD	0-7/2-0/00	4.516				45	13	18	-	134	37		28	300	32	142	13	130	83	46	180	102	531	23	215	55	259	166	18

Note: Businesses listed in alphabetical order				lop and implement spill response edures	ove or purchase adequate spill response rials	erly educate employees	in proper permit for facility discharge	ement pretreatment for discharge	tain pretreatment system	n and eliminate leaks and spills from ge areas	ect illicit connection	discharge process wastewater to	ment proper fueling operations	ement proper housekeeping	ement proper material transfer practices	ement proper washing practices	storm drain facility parts accessible	ng or damaged components to storm facility need repla	in NPDES permit for discharge	arly perform maintenance of vehicles and iment	erly store containerized materials	erly store non-containerized materials	n drain facility needs to be cleaned	orly designate waste	arly dispose of waste	erly document waste disposal	store	erly label Containers ir or replace degraded open chemical iners
DBA Name				Develop a procedure	Improve materials	Prop	Obta	ND WAS	Main TE	Clear	Corre	Don't storm	Imple	Imple	el luble	TORM\	¥e MATER	Missi drain	Obta	Prop	Prop	Prop	Storr	Prop	년 HAZA	RDOUS	ชื่ WASTI	Prop.
Address	Outfall	Date	CA Count		OI ILL		- "	ID IIAO			_					TO KINI	MAILK								IIAZA	INDOOC	, MAGII	_
*Masons Supply Co. 5004 2ND AVE S	Diagonal SD	03/19/03	2	1																					1	_		
1-World Globes & Maps, LLC 1605 S Jackson St	Diagonal SD	11/18/11	5	1	1	1													1				1					
3D Plastics LLC 5024 Ohio Ave S	Diagonal SD	09/21/09	3	1	1	1																						
4101 W Marginal Way SW Business Park 4101 W Marginal Wy SW 4800 Denver Avenue Facility 4800 Denver Ave S	SW Dakota St SD Diagonal SD	04/30/10 07/21/05	1 1						\vdash		-							1					1				_	
7 Eleven Store # 2360-24497C 2009 Rainier Ave S	Diagonal SD	09/23/10	2											_				1					1			-	_	
A & E Auto Repair Inc. 7902 9th Ave SW	Highland Park Way SD	04/12/10	6	1	1	1										1					1				1			
A Better Roofing Company Inc. 4126 Airport Wy S	Diagonal SD	01/10/12	4	1	1	11									-								1					
A-1 Auto Repair & Towing, Inc. 1821 Rainier Ave S A-1 Auto Repair & Towing, Inc. 1821 Rainier Ave S	Diagonal SD Diagonal SD	01/20/04 08/09/07	6 6	1	1	1			\vdash	1				1		1							1				1	1
A-1 Auto Repair & Towing, Inc. 1821 Rainier Ave S Aamco Transmission 2107 23rd Ave S	Diagonal SD Diagonal SD	08/09/07	3	1					\vdash	1	+			1	-	-										-	-	
Aamco Transmission 2107 23rd Ave S Aamco Transmission 2107 23rd Ave S	Diagonal SD	03/09/12	3		,											1				1		1						
ABC Towing 710 S Dakota St	Diagonal SD	05/15/03	2																						1		1	
ABM Janitorial Services Northwest 2001 22ND AVE S	Diagonal SD	03/21/13	6	1		1								1		1							1					
Abodian 2024 21ST AVE S	Diagonal SD	03/21/13	6	1	1	11					-			1	_	4			11				1		4			
Ace Tank and Fueling Equipment 6703 EAST MARGINAL WAY S Acme Construction Supply Co., Inc. 4747 1st Ave S	S Brighton St SD Diagonal SD	01/09/09 03/24/03	3 2	1												1		1					1		1			
Acme Construction Supply Co., Inc. 4747 1st Ave S	Diagonal SD	01/18/13	6	1		1								1		1		1				1	<u> </u>					
ACRS 3639 M L KING JR WAY S	Diagonal SD	06/17/14	6	1	1	1					1	1											1					
Action Communications, Inc. 4000 Airport Wy S	Diagonal CSO	05/13/03	1																				1					
Active Environmental Inc 4001 16th Ave SW	SW Dakota St SD	03/25/10	3	1		1								4	-			1	_				4		4			
Active Environmental Inc 4001 16th Ave SW Active Gear 4412 4th Ave S	SW Dakota St SD Diagonal SD	06/19/14 03/20/03	3 1											1									1		1			
Adhesa Plate 4000 7th Ave S	Diagonal SD	05/15/03	1					1																				
Aero Motel Inn 7240 E Marginal Wy S	Slip 4	04/25/05	2								1																1	
Aeroflight (TUKWILA) 8555 Perimeter Rd S	Slip 5 KCIA SD #2	08/12/04	1	1							-																	
Affordable Auto Wrecking 9750 M L KING JR WAY S Affordable Auto Wrecking 9750 M L KING JR WAY S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	03/14/13 07/31/14	4 4	1	1	1								1	1				_	_		1	1		1		_	
Affordable Auto Wrecking 9802 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	08/03/04	4	1	1	1								-								- '	- '				1	
Affordable Auto Wrecking 9802 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	10/26/05	2	1		1																					-	
African Northwest Inc. 470 S Kenyon St	7th Ave S SD	09/11/09	5	1	1	1																			1		1	
Afrikando Banadir 5212 RAINIER AVE S	Diagonal CSO	02/03/04	2											1													1	
Afrikando Banadir 5212 RAINIER AVE S Agbar Technologies, Inc. 3820 6th Ave S	Diagonal CSO Diagonal SD	03/26/13 07/25/03	3 4	1	1	1																	1					
Agbar Technologies, Inc. 3820 6th Ave S AIC International 736 S Chicago St	Duwamish (NEC) CSO	02/06/09	5	1		1																	- '		1		1	
Air Cold Supply 594 S Dawson St	Diagonal SD	07/23/07	4	1	1	1																	1					
Air Lift Northwest 6987 Perimeter Rd S	Slip 4	09/20/04	3	1		1																						
Airclean Technologies Inc 4725 W Marginal Wy SW	SW Idaho St SD	03/18/10	6	1	1				\vdash	_	1	-		1		1							1			-	1	
Airgas 4401 Airport Wy S Airgas 4401 Airport Wy S	Diagonal SD Diagonal SD	05/20/03 05/13/08	5 4	1		1			\vdash	1	1		\vdash	-	-	-							1		1	-	1	
Airgas 4401 Airport Wy S	Diagonal SD	02/06/13	4	1	1										\rightarrow			1					1				•	
Airpac Airlines 7001 Perimeter Rd S	Slip 4	09/20/04	2	1		1																						
Airport Towing 301 S Sullivan St	7th Ave S SD	12/07/09	5	1		1			\vdash		-							1					1			_	4	
Alaska Logistics 7400 8TH AVE S Alaska Logistics 7400 8TH AVE S	Slip 4 Slip 4	06/22/04 06/24/08	<u>5</u> 9	1	1	1			\vdash	1	1		\vdash	1	-	-						1	1		1		1	1
Alaska Marine Lines 5600 WEST MARGINAL WAY SW	T115/Kenny SD	01/30/06	6	1	-	1				1				1	\rightarrow								1		<u> </u>		1	
Alaska Marine Lines 5600 WEST MARGINAL WAY SW	T115/Kenny SD	08/01/13	7	1								1	1	1								1	1		1			
Alaska Marine Lines 5615 W Marginal Wy SW	T115/Kenny SD	03/31/06	1						\Box						\Box				ļ.,				1					
Alaska Marine Lines 5615 W Marginal Wy SW Alaskan Copper & Brass 3200 6th Ave S	T115/Kenny SD Diagonal SD	08/01/13 04/29/08	5 5	1					\vdash	1	1		\vdash	1		1			1		1		\vdash	1			1	
Alaskan Copper & Brass 3200 6th Ave S Alaskan Copper & Brass 3200 6th Ave S	Diagonal SD	04/29/08	5 1						\vdash					1	-									- '			1	
Alaskan Copper & Brass 3200 6th Ave S	Diagonal SD	11/06/13	1								1																	
Alaskan Copper & Brass 3223 6TH AVE S	Diagonal SD	04/29/08	6	1						1				1										1			1	1
Alaskan Copper & Brass 3223 6TH AVE S	Diagonal SD	07/28/10	1 1						$\vdash \vdash$					1														
Alaskan Copper & Brass 3223 6TH AVE S Alaskan Copper & Brass 3300 6th Ave S	Diagonal SD Diagonal SD	11/06/13 06/05/03	2	1	1				\vdash		1			-									\vdash			_		
Alaskan Copper & Brass 3300 6th Ave S	Diagonal SD	04/29/08	3	1	- 1				\vdash														1				1	
Alaskan Copper & Brass 3300 6th Ave S	Diagonal SD	07/28/10	1											1														
Alaskan Copper & Brass 3300 6th Ave S	Diagonal SD	11/06/13	1								1																	
Alaskan Copper & Brass 3301 6th Ave S	Diagonal SD	04/29/08	2	1																			1					

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		"	ND WAS	IE						5	STORM	WAIL	·							НА	ZARDO	JS WAS	I E
Alaskan Copper & Brass	3301 6th Ave S 3317 6th Ave S 3317 6th Ave S 3317 6th Ave S 3400 6TH AVE S 3405 6TH AVE S 3405 6TH AVE S 3405 6TH AVE S 3405 6TH AVE S	Diagonal SD	07/28/10 04/29/08 07/28/10 11/06/13 06/05/03 06/05/03 04/29/08 07/28/10 11/07/13	1 1 1 1 4 5 4 2	1 1 1 1	1 1	1					1 1 1	1	1	1 1 1									1 1 1 1				1	1
Alaskan Copper & Brass Alexander Lighting Algas-SDI International LLC Algas-SDI International LLC Algas-SDI International LLC All City Fence Co. All City Fence Co. All City Fence Co. All Metal Arts Seattle All Ports Trading Co. LLC	4700 Colorado Ave S 6719 E Marginal Wy S 151 S Michigan St 151 S Michigan St 151 S Michigan St 2345 RAINIER AVE S 36 S Hudson St 36 S Hudson St 7800 7th Ave S 3429 Airport Wy S	Duwamish (NEC) CSO S Brighton St SD S River St SD S River St SD S River St SD Diagonal SD	07/28/10 08/05/09 10/02/08 04/12/12 04/23/14 10/21/03 02/23/09 10/10/13 10/01/09 08/05/03	4 3 12 1 1 4 4 2 3	1 1 1 1 1 1	1	1				1	1	1		1				1	1		1	1	1 1 1 1 1 1		1	1	1	
Allied Furniture Clinic Alpine Auto Sales Alpine Auto Sales Aluminum & Bronze Fabricators Aluminum & Bronze Fabricators Amazon.com American Civil Constructors West Coast Inc. American Environmental Construction LLC American Northwest Import and Distribution	1716 21st Ave S 6722 Fox Ave S 6722 Fox Ave S 6301 W Marginal Wy SW 6301 W Marginal Wy SW 2646 Rainier Ave S 700 S RIVERSIDE DR 7417 4th Ave S 7910 OCCIDENTAL AVE S	Diagonal SD S Brighton St SD S Brighton St SD T115/Kenny SD T115/Kenny SD Diagonal SD 7th Ave S SD Trotsky Inlet 1st Ave S SD-west	06/11/10 06/30/09 04/05/12 03/24/06 07/30/10 11/18/14 01/11/10 11/16/07 02/06/14	4 15 3 7 9 3 5 4	1 1 1 1 1 1 1 1	1 1 1 1 1	1 1 1 1 1 1 1				1		1	1	1 1 1		1		1	1	1	1 1	1	1 1 1	1	1	1	1 1 1 1	1 1 1 1 1 1 1 1 1
American Red Cross American Red Cross Ameriflight Andy Ide Anthony Construction Inc. Apex Facility Resources Apex Facility Resources Aquatic Enterprises, Inc. Arco am/pm #81706	1900 25th Ave S 1900 25th Ave S 7575 Perimeter Rd S 4740 Airport Wy S 8110 7th Ave S 4435 Colorado Ave S 4435 Colorado Ave S 4101 W Marginal Wy SW 427 12th Ave	Diagonal SD Diagonal SD Slip 5 KCIA SD #2 Diagonal SD 7th Ave S SD Diagonal SD Diagonal SD SW Idaho St SD Diagonal CSO	10/23/03 01/05/11 06/04/04 10/11/12 09/24/09 07/26/07 08/29/12 03/11/10 03/31/04	2 2 6 4 6 4 5 3	1 1 1 1 1	1 1 1 1 1	1					1	1 1 1		1		1		1	1		1		1 1 1 1		1 1		1	1
Arco AM/PM/E1-Assa/Inc. Arco Marginal Way Arctic Commercial Refrigeration Inc. Arctic Ice Cream Novelties Area Distributors Northwest Inc. Argo Blower ASA Mercer Middle School AT Systems	665 23rd Ave 7200 EAST MARGINAL WAY S 4050 EAST MARGINAL WAY S 1901 23RD AVE S 3623 6th Ave S 5400 E Marginal Wy S 1600 Columbian Wy 1401 E Yesler St	Diagonal CSO Slip 4 Diagonal SD Diagonal SD Diagonal SD Duwamish (NEC) CSO Diagonal SD Diagonal SD Diagonal CSO	04/01/04 10/12/04 07/26/07 10/16/03 11/17/10 01/29/08 06/20/03 03/04/04	4 5 4 2 4 6 1	1 1 1 1 1 1	1 1	1 1 1 1				1		1		1 1 1		1					1		1 1 1 1		1		1	
Atacs Products Inc. Atlas Paving Co. Atlas Supply Atlas Supply Audio-Visual Products, Inc. Auto Quest Auto Quest Auto-Chlor System AutoZone #4121	850 S Cambridge St 6259 Airport Wy S 611 S Charlestown St 611 S Charlestown St 812 S Dakota St 4115 4th Ave S 4315 7th Ave S 306 23rd Ave S	S 96th St SD Duwamish (NEC) CSO Diagonal SD	09/16/10 07/02/08 06/24/03 04/05/11 06/11/03 03/17/03 05/03/06 06/23/03 10/25/11	3 9 3 2 6 5 1	1 1 1 1 1 1 1	1 1 1	1	1					1 1 1		1 1 1		1 1				1	1	1	1		1 1 1	1	1	1
AV Factory B & G Machine Inc. Bader & Olson Bailey Gazert Elementary School Bailey Gazert Elementary School Ballard Organics	1900 S Corgiat Dr 11 S Nevada St 601 S Andover St 1301 E Yesler Wy 1301 E Yesler Wy 2028 21st Ave S	Duwamish (NEC) CSO S Nevada St SD Diagonal SD Diagonal SD Diagonal SD Diagonal SD Diagonal SD	05/19/04 04/28/14 09/23/11 10/15/03 05/24/07 09/14/10	2 1 4 7 5 3	1 1 1	1 1							1				1	1	1	1		1		1 1 1 1 1				1	1

March Colored Colore	Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical containers
Teamer information with the property of the pr	DBA Name	Address	Outfall	Date	CA Count		SPILL		ı	ND WAS	TE						S	TORMV	VATER								HAZA	ARDOUS	WAST	E
Teamer information with the property of the pr	Ramboo Hardwoods Inc	510 S Industrial Wy	Diagonal SD	08/14/02	1		\vdash			_			+-		\vdash		-	-	$-\top$	-	<u> </u>	-	-	$-\overline{1}$	- T		$+\mp$	$-\Gamma$	$-\mp$	-+
Sample Service Manufacture (See)	Bamboo Hardwoods Inc. Bamboo Hardwoods Inc.					1	1	1											-	1							\vdash			_
Respect Work Lib	Bamboo Hardwoods Manufacturing Co							1								1				1			1		1					
Ref Trentmintent For Department Set	Bank of America																													
Rate Doses	Barcodes West LLC						1	1		-			-	_	\vdash	1	-					\vdash	\vdash		1		\vdash	-		
Math Care										+			+	1		1	-	-				\vdash	\vdash		\vdash		-	-	1	
Based Design Company No.	Bartell Drugs									_				- '				-	-						1				-	
As Cluster Field Services As See Scient Field	Bartell Drugs #63		Diagonal SD		4			-																						
Property	Bartell Drugs Distribution							1								1					1									
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Rese Allen Repair Carterine 71 1 270 Anne S Degree See Allen Repair Carterine 71 1 70 S (Circums 18) Degree See Allen Repair See Allen Repair See Allen Control See Allen Se	Bendokas Painting Company, Inc.		Diagonal SD		1	1																								
Solidation Progress Solidation Solid	Benz Friendz						1						_											1			1			
Six Land Markenfastering Co. 120 Problet PriS Disposed SCD 120 1 1 1 1 1 1 1 1 1 1	·						1			-		1	+			1	1		-		- 1	1	1						1	1
See Property See Control See										+			+					_		1					1					
Bill Mubble Berroes 7265 2nd Are S Toulsky little 1000007 9 1 1 1 1 1 1 1 1 1	Big People Scooters																													
Sile Mobile Service	Bill Hatch Sports																			1					1					
Trins further Mentional Control Service (Author) Service					-	1	1	1		-			-											1					_	
State Memoral Vinited Methodical Church Support Su			-							-			+				_		-					1					1	1
Blanchard Ann Electric-Automatics Service Co. 940 S. Sociolane St. Diagonal			-							_			+			-							- '	-	1					
Storm Boys Cramers LLC	Blanchard Auto Electric/Automotive Service Co.				· ·	1	1																							
Bornach Foods 2001 S.P.L.M.ST Diagonal SD 1024/13 2 1	Boom Boys Cranes LLC		•		8	1	1	1					1		1	1					1	1								
Seamer S			•							_			-			1						1							_	
Boyer Logistics							1	1		-			+			1			-											
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Boyer Logistics 7318 4th Ave S Duwanish West Direct 08/03/12 2	Boyer Logistics						•					1																		
Broadway Sports & Internal Medicine 600 Broadway Diagonal CSO 0331/04 3 1 1 1 1 1 1 1 1 1	Boyer Logistics														1								1							
Budd & Co. 800 Rainier Ave S Diagonal SD 11/22/10 2 8 11/22/10 2 8 11/22/10 2 8 11/22/10 2 8 11/22/10 3 11/22/10 3 3 11/22/10 3 3 11/22/10 3 3 3 11/22/10 3 3 3 3/22/10 3						1							-																_	
Budget Batteries							1			1		1	+				_		-							1	1			
Budget Batteries	Budget Batteries					1	1			_				1		1		-	-						1				1	
Burls Auto & Truck 750 S Orchard St S Myritle St SD 01/24/12 11 11 11 11 11 11 11 11 11	Budget Batteries	2006 Rainier Ave S	Diagonal SD	12/05/05			1													1										
Burdick's Security 4728 Rainier Ave S Diagonal CSO 01/29/04 1	Budget Batteries																													
Burger King - Rainier 2021 Rainier Ave S Diagonal SD 10/21/11 3 1 1 1						1	1	1		+	-		+	-		1					1	1	\vdash	1	1		1	1	1	1
Bush Woodcraft B41 RAINIER AVE S					· ·	1	1	1		_			+				-	\rightarrow	-+			\vdash	\vdash				+	_	_	_
Bush Woodcraft 841 RAINIER AVE S Diagonal SD 08/31/07 3 8	Bush Woodcraft																								1		1	1		
BYG Taxi Co-op 74 S Hudson St Diagonal SD 08/12/03 1	Bush Woodcraft		Diagonal SD																						1					
Byrne Specialty Gases, Inc. 601 S Andover St Diagonal SD 06/05/03 1						1				-			-	4				\rightarrow				\vdash	\vdash		\vdash			-	-	
C & C Food Store 3002 Beacon Ave S Diagonal SD 05/23/03 8 1 1 1 1 1	·				<u>-</u>					+			+	'				_							1					
C & C Food Store 3002 Beacon Ave S Diagonal SD 10/29/07 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	C & C Food Store					1	1	1								1				1							1		1	
C.C. Filson Co. 3851 1st Ave S Diagonal CSO 02/19/04 2	C & C Food Store															1											1		1	
Cacallori Marble 1535 S Albro St Duwamish (NEC) CSO 09/28/09 1 Image: Control of the control	C & C Food Store					1	1	1		-	-		-	-				1				\vdash	\vdash				\vdash	_	_	1
Caffe D'Arte LLC 719 S Myrtle St S Myrtle St S Myrtle St S D 03/16/12 5 1 1 1 1										-			+	_			-	\rightarrow		1		\vdash	\vdash				-	-	-	
Cain Bolt and Gasket 7724 7th Ave S 7th Ave S SD 08/26/09 5 1 <	Caffe D'Arte LLC					1	1	1		1		1						\rightarrow	\dashv		1				<u> </u>			\rightarrow	-	
CalPortland - Seattle Aggregate Yard 4002 WEST MARGINAL WAY SW Duwamish West Direct 06/02/06 1	Cain Bolt and Gasket	7724 7th Ave S	7th Ave S SD	08/26/09	5	1										1						1					1			
Camerich 6767 E Marginal Wy S Duwamish East Direct 08/05/09 3 1	Caliber Inspection						1						-	1			\Box	-	-	1					\perp		1			
Campus Shell Service Station 700 12th Ave Diagonal CSO 03/11/04 1					· ·		4	4		-			-	-				\rightarrow				\vdash	\vdash		\vdash			-	-	
Can Do Services Pacific NW 53 S Dawson St Diagonal CSO 02/17/11 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						1	1	1		_									-			\vdash	\vdash		1					
	Can Do Services Pacific NW					1	1	1									\rightarrow	\rightarrow	\neg	1									\neg	
Canton Noodle House 506 12TH AVE S Diagonal CSO 09/11/03 1 1 1	Canton Noodle House	506 12TH AVE S	Diagonal CSO	09/11/03	1																						1			

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		'	IND WAS	DIE						3	TORWIN	WATER								ПА	ZARDOU	O WAS	16
Cascade Columbia Distribution	6900 Fox Ave S	S Brighton St SD	03/16/12	2	1		1		-				_																
Cascade Designs	130 S Dakota St	Diagonal SD	03/13/03	1																				1					
Cascade Designs	3800 1st Ave S	Diagonal SD	03/13/03	9	1	1	1								1								1			1	1	1	1
Cascade Designs	3857 2nd Ave S	Diagonal CSO	03/13/03	7	1	1	1								1							1	1					1	
Cascade Designs	4000 1st Ave S	Diagonal SD	03/13/03	10	1	1	1		-				_	\vdash	1				1			\vdash		1		1		1	1 1
Cascade Designs	4000 1st Ave S	Diagonal SD	09/18/07 11/27/13	2		\vdash			+			-	_		+	-	1			-				1		1		-	1
Cascade Designs Cascade Designs	4000 1st Ave S 4225 2nd Ave S	Diagonal SD Diagonal SD	03/13/03	7	1		1		_			1	1				-						1	1				1	
Cascade Designs Cascade Designs	4225 2nd Ave S	Diagonal SD	11/03/06	2	1	1	- 1					+ '	'		_	_		$\overline{}$										-+	
Cascade Designs	4225 2nd Ave S	Diagonal SD	11/27/13	1																		1							
Cascade Engine Center	9800 40TH AVE S	Norfolk SD/CSO/EOF	09/19/05	1	1																								
Cascade Fuel Oil Distributing Company	925 Hiawatha PI S	Diagonal SD	01/05/11	4					-								1		1					1		-		1	'
Cascade Machinery & Electric, Inc.	4600 E Marginal Wy S	Diagonal SD	03/14/03	6	1	1	1		-				1		4	-		-										_	1
Cascade Machinery & Electric, Inc. Cascade Motor Inc.	4600 E Marginal Wy S 9650 Martin Luther King Jr Wy S	Diagonal SD Norfolk SD/CSO/EOF	01/18/13 12/01/05	3 2	1		1		-				_		1	_										1		1	
Cash & Carry #583	1915 21st Ave S	Diagonal SD	02/11/10	6	1	1	1								1							1		1					
Cash & Carry #583	1915 21st Ave S	Diagonal SD	04/18/14	5	1	1									1							1							
Catholic Church of Holy Martyrs of Vietnam	1230 E Fir St	Diagonal CSO	03/08/04	1																				1					
Catholic Community Services of King County	100 23rd Ave S	Diagonal SD	09/18/03	2					-						1									1		-			
Catholic Printery Inc. Catholic Printery Inc.	6327 WEST MARGINAL WAY SW 6327 WEST MARGINAL WAY SW	T115/Kenny SD	03/13/06 06/26/08	2								-					1		1					1					
Catholic Printery Inc.	6327 WEST MARGINAL WAY SW	T115/Kenny SD T115/Kenny SD	04/28/14	3	1	1	1									_	-							'				_	
CDL Recycle	7201 E Marginal Wy S	Slip 4 Other	06/30/09	2		<u> </u>									1									1					
Cedrus Technologies Inc.	3922 6TH AVE S	Diagonal SD	08/13/03	1																				1					
Center For Career Alternatives	901 Rainier Ave S	Diagonal SD	08/13/03	3																				1		1	1		
Certainteed Gypsum	5931 E Marginal Wy S	Duwamish East Direct Duwamish East Direct	05/12/09	5		1			-			-	1		-	1		_										1	
Certainteed Gypsum Certainteed Gypsum	5931 E Marginal Wy S 5931 E Marginal Wy S	Duwamish East Direct	10/05/10 01/07/14	<u>2</u> 5	1								1		1	1	1						1	1					
Charlie's Produce	3844 1st Ave S	Diagonal SD	03/14/03	3	1		1						<u> </u>											1					
Charlie's Produce	3844 1st Ave S	Diagonal SD	12/01/05	3	1	1	1																						
Charlie's Produce	3844 1st Ave S	Diagonal SD	10/06/11	4							1									1		1		1					
Charlie's Produce	3844 1st Ave S	Diagonal SD	02/12/14	7	1	1	1					-			1				1			1		1					
Charlie's Produce Charlie's Produce	4103 2nd Ave S 4103 2nd Ave S	Diagonal SD Diagonal SD	03/14/03 12/12/05	3 4	1	1	1						1		-									1					
Charlie's Produce	4103 2nd Ave S	Diagonal SD	10/06/11	3		'			_		1	1					1												
Chau's Complete Auto Repair	509 Rainier Ave S	Diagonal SD	11/18/10	4	1	1											1				1								
Chelan MFG Co. Inc	5901 W Marginal Wy SW	T115/Kenny SD	07/01/06	6	1	1	1								1													1	1
Chelan MFG Co. Inc	5901 W Marginal Wy SW	T115/Kenny SD	08/26/09	4		\vdash			-						-							1		1	1	1			
Chemithon Chester Dorsey Auto Salon & Detail	5430 W Marginal Wy SW 2227 E Madison Ave	Duwamish West Direct Diagonal CSO	04/28/06 02/07/05	4	1	1	1	1	+			-	1	1	+	-	-			-				1		+-		-	
Chiles & Company Property Management	2212 S Jackson St	Diagonal SD	09/16/03	1		-																		1					
Chinese Baptist Church	5801 BEACON AVE S	Slip 4	07/26/04	2																				1		1			
Christine Pham	2326 Rainier Ave S	Diagonal SD	01/26/11	1																				1					
Church of Christ	1708 E Fir St	Diagonal CSO	03/08/04	11																								1	
Churchkey Can Co.	4700 Ohio Ave S	Diagonal SD	04/11/12	6 5	1	1	1	1	-			1	1		-	_		_		1		1		1	1			_	
City Art Works at Pratt Fine Arts Center City Commerce Park	1902 S MAIN ST 3849 1st Ave S	Diagonal SD Diagonal SD	10/02/13 05/08/03	<u>5</u> 1			1					<u> </u>	1											1	- '				
City Commerce Park	3849 1st Ave S	Diagonal SD	10/11/10	2															1					1					
City of Seattle - Charles Street Auto Shop	805 S Charles St	Diagonal CSO	08/24/04	5	1	1	1																	1				1	
City of Seattle - Charles Street Maintenance Facility	805 S Dearborn ST	Diagonal CSO	07/28/04	3											1								1	1					
City of Seattle - Charles Street SDOT	801 S Plummer St	Diagonal CSO	09/01/04	3	11	4	4		-			-	-	\vdash	1											-			1
City of Seattle - Charles Street Testing Station City of Seattle - Charles Street Truck Shop	805 S Dearborn St 815 S Dearborn St	Diagonal CSO Diagonal CSO	09/03/04 08/24/04	3 4	1	1			_	1				 														-	
City of Seattle-OCC	2700 Airport Wy S	Diagonal SD	10/06/03	3	<u> </u>	<u> </u>	'			 		1			1	_		$\overline{}$						1				$\overline{}$	
City of Seattle-OCC	2700 Airport Wy S	Diagonal SD	11/06/07	4	1										1									1				1	
City of Seattle-OCC	2700 Airport Wy S	Diagonal SD	09/30/10	8		1							1		1		1		1					1		1		1	
CL Auto Repair	2901 17TH AVE S	Diagonal SD	05/21/03	8	1	1	1		-			1	-	\vdash	1						\vdash		1	1		\vdash		1	1
CL Auto Repair	2901 17TH AVE S	Diagonal SD	12/15/04	3	4	1	1		-	-	1				1	-	4						1			\vdash	1	4	
CL Auto Repair Classic Helicopters	2901 17TH AVE S 6505 Perimeter Rd S	Diagonal SD Slip 4	08/10/07 08/05/04	9 3	1	1			_	-	1	-	+	\vdash	1	-	1			-			1			+	1	1	
Olassic Helicohiers	0000 Fellinetel Ku S	Jilp 4	00/00/04	<u> </u>		1																							

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from	storage areas	Correct illicit connection Don't discharge process wastewater to	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		I	ND WAS	TE						s	TORM	WATER	1							HA	ZARDO	US WAS	TE
Clay Long Agistian	9295 Desimeter D-J C	Slip 5 KCIA SD #2	00/04/04	3	1	1											1												
Clay Lacy Aviation Cleanscapes	8285 Perimeter Rd S 5939 4th Ave S	Duwamish (NEC) CSO	08/04/04 08/14/08	<u>3</u>		1					1	_			1		1											1	
Cleanscapes Inc	7303 8TH AVE S	Duwamish East Direct	04/18/13	3										1											1				1
Clear Channel Outdoor	3601 6th Ave S	Diagonal SD	06/27/03	1																							1		
Clear Channel Outdoor	3601 6th Ave S	Diagonal SD	07/13/12	6	1							\perp			1								1	1		1			1
CMARR	1216 S Weller St	Diagonal SD	11/10/11	3	1				-			+		-										1	_	-		1	
Coast Crane Company	8250 5th Ave S	7th Ave S SD	10/23/12	3					-			-	_	_	1							1		1		-			
Coastwide Laboratories Color Graphics Inc.	3800 1ST AVE S 1421 S Dean St	Duwamish (NEC) CSO Diagonal SD	03/11/03 09/04/03	14	1			-	+			+	_	_	1									1	+	+		1	-
Color Graphics Inc.	1421 S Dean St 1421 S Dean St	Diagonal SD	10/08/07	2		1			+			_		_	<u>'</u>									1		_		1	-
Color Graphics Inc.	1421 S Dean St	Diagonal SD	05/27/10	3											1								1	1					
Color Graphics Inc.	1421 S Dean St	Diagonal SD	06/20/12	4											1							1		1					1
Columbia City Chiropractic	4739 Rainier Ave S	Diagonal CSO	02/12/04	1																				1					
Columbia Funeral Home	4567 Rainier Ave S	Diagonal CSO	01/29/04	1																				1					
Columbia Plaza	4801 Rainier Ave S	Diagonal CSO	01/29/04	11					-			_	_											1		-			
Commercial Fence Corp.	150 SW MICHIGAN ST	Duwamish West Direct	05/19/10	3					-					_	1		1			1				4		_			
Commercial Floor Distributors Inc.	6000 W Marginal Wy SW	T115/Kenny SD	11/28/12	6	1	1	1						- 4	_	1								1	1		_			$\overline{}$
Commercial Floor Distributors Inc. Commercial Warehouse Co., Inc.	210 S River St 3623 6th Ave S	S River St SD Diagonal SD	06/18/09 06/18/03	5 3	1	1	1		+			-	1	_										1		-			
Community House Mental Health Agency	2212 S JACKSON ST	Diagonal SD	10/15/14	3		- '	- '																	1					
Compton Lumber & Hardware	3847 1st Ave S	Diagonal CSO	02/13/04	3	1	1	1																						$\overline{}$
Concept Asia Food Services LLC	1222 S Weller St	Diagonal SD	01/06/11	4	1	1	1				1																		
Concrete Restoration Inc	4025 WEST MARGINAL WAY SW	SW Idaho St SD	03/18/10	14	1	1	1	1			1				1		1					1	1		1		1	1	1 1
ConGlobal Industries	1 S IDAHO ST	Diagonal SD	04/09/09	14	1	1	1			1	1		1		1						1		1		1	1		1	1 1
ConGlobal Industries	1 S IDAHO ST	Diagonal SD	11/14/12	2		4	4		+			-	_	-	1											-		1	
Consistent Coatings Inc Consolidated Press	719 S Riverside Dr 600 S Spokane St	7th Ave S SD Diagonal SD	10/01/09 08/19/03	3 2		1	1		+			-		_												-			
Container Care Inc.	1 S IDAHO ST	Diagonal SD	03/28/03	2		- '						_		_								1				_		1	
Continental Van Lines	4501 WEST MARGINAL WAY SW	SW Idaho St SD	03/16/10	3	1													1						1					
Continental Van Lines	4501 WEST MARGINAL WAY SW	SW Idaho St SD	10/28/14	1														· ·						1					
Control Contractors	1128 POPLAR PL S	Diagonal SD	08/27/03	2															1					1					
Control Contractors Inc.	5300 Denver Ave S	Diagonal SD	01/28/11	3	1	1	1																						
Copiers Northwest Inc	615 S ALASKA ST	Diagonal SD	04/10/14	11																				1					
Copiers Northwest Inc.	601 S Alaska St	Diagonal SD	09/21/10	3		1	1					_																	
Corporate Jets, Inc	8167 Perimeter Rd S	Slip 5 KCIA SD #2	08/05/04	11	1				-			-	_	_	_		_							4		_			
COSTCO Wholesale COSTCO Wholesale	4401 4th Ave S 4401 4th Ave S	Diagonal SD Diagonal SD	03/20/03 11/18/05	1 2	1	1			+			-	_	_										1		_			-
COSTCO Wholesale	4401 4th Ave S	Diagonal SD	10/02/12	2	<u> </u>				1															1				1	$\overline{}$
Cramer Inspection Services	2411 S Walker St	Diagonal SD	10/09/03	1																				1					
Crosscut Hardwoods	4100 1st Ave S	Diagonal SD	11/18/03	1															1										
Crosscut Hardwoods	4100 1st Ave S	Diagonal SD	09/23/11	4	1	1	1							_										1					
Crosscut Hardwoods	4100 1st Ave S	Diagonal SD	09/11/13	2					-			-	_	_								1			_	1			
Cucina Fresca Inc. Cunningham Manufacturing	8300 Military Rd S 318 S Webster St	Norfolk SD/CSO/EOF	01/11/12	7	1	1	1	1	+		1	-		-	\vdash				1	1		1		1	_	-			1
Custom Crating Company inc.	233 S Holden St	Trotsky Inlet 7th Ave S SD	04/24/07 10/01/09	3 1					+			+	-	+					-			1		-		+			$\overline{}$
D&J Equipment Sales	3413 4th Ave S	Duwamish (NEC) CSO	09/16/05	4	1		1		1			\neg										•	1					1	
D.P. Nicoli	3700 6TH AVE S	Diagonal SD	05/16/14	7	1	1	1						1		1									2					
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	08/16/04	6		2	2																						
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	10/13/07	3	1				-			+		-											\perp	-		1	1
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	01/31/12	3				_	-			+	4	-	1					1				1		-			
Dan Byrne Daniel Smith Inc.	620 S Dakota St 4150 1st Ave S	Diagonal SD Diagonal SD	12/14/10 09/11/13	<u>1</u> 3					+			-	1	_	1					1				\vdash		_			1
Davis Door Service, Inc.	2021 S Grand St	Diagonal SD	01/05/04	<u>3</u>	1	1	1		+			_	_	+	'					1				1		+		1	
Davis Door Service, Inc.	2021 S Grand St	Diagonal SD	02/25/10	6					1		1	+	1							1		1		1		1			$\overline{}$
Dawn Food Products, INC	6901 Fox Ave S	S Brighton St SD	09/05/08	4	1						1	_								1				1					
Deeny Construction Co. Inc.	2545 Rainier Ave S	Diagonal SD	10/22/03	4	1	1												1										1	
Delta North	6701 Fox Ave S	S Brighton St SD	09/12/12	3	1	1																							
Demolition Man Inc.	8129 Occidental Ave S	1st Ave S SD-west	09/28/11	7	1	1	1															1		1		1		1	
Demolition Man Inc.	8129 Occidental Ave S	1st Ave S SD-west	03/27/14	5	L .				-		1	+		-	1						1	1			_	1			-
Demolition Man Inc.	8151 Occidental Ave S	1st Ave S SD-west	09/28/11	5	1	1	1															1	1						

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical	Répail of Teprace degraded year offermed
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAS	STE						s	TORM	WATER								HA	ZARDOL	IS WAS	TE	
Domolition Man Ir -	9151 Oppidental Ave C	1at Ava C CD	00/07/44	-							4				4						4	4				4				
Demolition Man Inc. Dere Auto	8151 Occidental Ave S 1818 Rainier Ave S	1st Ave S SD-west Diagonal SD	03/27/14 02/24/06	<u>5</u> 3	1	1	1	+		+ +	1	+	-		1	-					1	1				1		-	-+	
Dere Auto	1818 Rainier Ave S	Diagonal SD	11/10/11	5	<u> </u>		T '	\Box							1											1	1	1	1	
DHL Express	4450 E Marginal Wy S	Diagonal SD	10/10/07	1													1													
DHL Express	4450 E Marginal Wy S	Diagonal SD	09/18/12	1													1													
DHL/ABX Air	8075 Perimeter Rd S	Slip 5 KCIA SD #2	08/06/04	1	1			\perp																						
Dilettante Chocolates	2021 22nd Ave S	Diagonal SD	09/23/10	7	1	1	1	++	-	+	1	-	-	4										1		1		1	_	
Dirty Hand Co-op DMH Industrial Electric. Inc.	1817 S Jackson St	Diagonal SD	03/13/12	12 4	1	1	1	1	_			-	_	1		-				1		1		1		1	1	1	1	
Don's Quality Automotive	7800 7TH AVE S 1117 12th Ave	7th Ave S SD Diagonal CSO	02/06/14 03/31/04	1	 '	- 1	- -	+	-	 	+	+	+			-						-						1	+	\dashv
Donut Factory LLC	6560 5th Ave S	Duwamish (NEC) CSO	03/12/09	7	1	1	1																			1	1	1	1	
Douglas Management	7100 1st Ave S	Duwamish West Direct	05/11/06	4	1	1							1																	
Down Products	4011 6TH AVE S	Diagonal SD	08/07/03	1																				1						
Drainage System Cleaning	813 S KENYON ST	Duwamish (NEC) CSO	03/21/13	6	1	1	1	1					1															1		
Dubb City	5022 RAINIER AVE S	Diagonal CSO	02/12/04	2				\perp				-												2					\rightarrow	
Duwamish Metal Fabrication	16 S Michigan St	Duwamish East Direct	07/23/08	5	1		1	1 1				-								1				1				1	-	
Eagle Eye Enterprise Corp Eagle Eye Enterprise Corp	8219 7TH AVE S 8219 7TH AVE S	7th Ave S SD 7th Ave S SD	10/20/09 08/22/13	5 3	-	1		++-	_		1				1									1		-		-	+	
Eastmont Transfer Station	7201 W Marginal Wy SW	Highland Park Way SD	09/15/09	2	1										1														-	
Eastmont Transfer Station	7201 W Marginal Wy SW	Highland Park Way SD	06/06/13	1				1																						
Eastmont Transfer Station	7201 W Marginal Wy SW	Highland Park Way SD	10/07/14	1									1																	
Eco Waterborne Coatings	420 S Hinds St	Diagonal CSO	05/19/03	3								-														1	1		1	
Eco Waterborne Coatings	420 S Hinds St	Diagonal CSO	08/31/07	2	1		1	\vdash	_			-	_		4														\rightarrow	
eCullet Ed Wyse Beauty Supply	5801 E Marginal Wy S 3701 7th Ave S	Duwamish East Direct Diagonal SD	08/18/09 12/01/03	3 2	1		1	++-	_			-	_		1	-			1					1		-		-	\rightarrow	
Ed Wyse Beauty Supply Ed Wyse Beauty Supply	3701 7th Ave S	Diagonal SD	03/31/11	4	1	1	1	\vdash				+							- '					1					\rightarrow	
El Centro de la Raza	2524 16th Ave S	Diagonal SD	10/23/03	5	1	1	1																	1					1	
El Centro de la Raza	2524 16th Ave S	Diagonal SD	08/22/13	5	1	1	1															1		1						
El Delicioso	2500 BEACON AVE S	Diagonal SD	02/12/14	4	1	1	1										1													
Election Distribution Center	1215 E Fir St	Diagonal CSO	02/25/04	1																				1						
Electro Mechanical Company	411 S Dawson St	Diagonal CSO	11/14/05	4	1	1	1					-														1				
Elliott Bay Industries	7500 West Marginal Wy S	2nd Ave S SD	11/20/07	7	1	1	1	\vdash	_			-	1			-				4	-		4			1		-	1	
Elliott Bay Industries Emerald City Bindery	7500 West Marginal Wy S 4809 Airport Wy S	2nd Ave S SD Diagonal SD	07/10/12 06/17/03	3 4								-	1		1					1			1	1				1		
Emerald City Bindery	4809 Airport Wy S	Diagonal SD	10/17/07	3	1	1	1						<u> </u>															-	-	
Emerald City Brewing Company	3100 Airport Wy S	Diagonal SD	06/13/12	3	1																								$\overline{}$	
Emerald City Cleaners	850 Rainier Ave S	Diagonal SD	01/27/12	4	1																							1		
Emerald Paving, Inc.	2547 RAINIER AVE S	Diagonal CSO	10/22/03	1				\Box																				1	\bot]
Emerald Services	6851 EAST MARGINAL WAY S	S Brighton St SD	08/20/14	2				++	_	\vdash		1										1								
Emerald Services Emerson Enterprises LLC	7343 E Marginal Wy S 525 S BRIGHTON ST	Slip 4 Other S Brighton St SD	10/28/05 11/07/14	5 1	1			++-					1		1			1										1	1	_
Emmanuel's Inc.	1105 Rainier Ave S	Diagonal SD	08/13/03	5	1	1	1						1															1	-	
Emmanuel's Inc.	1105 Rainier Ave S	Diagonal SD	07/12/07	1																				1						
Emswiler Construction	6045 W Marginal Wy SW	T115/Kenny SD	04/28/06	5	1	1	1															1							1	
Emswiler Construction	6045 W Marginal Wy SW	T115/Kenny SD	12/28/09	8	1	1	1					_	1	1	1								1	1						
Emswiler Construction	6045 W Marginal Wy SW	T115/Kenny SD	10/18/13	4	_	4	_	\vdash	_		1	-	_		1	-		1	4		-		1					-	\rightarrow	
Encore Oils LLC Engineered Products	4034 West Marginal Wy SW 9883 40th Ave S	SW Dakota St SD Norfolk SD/CSO/EOF	05/18/12 03/30/12	5 3	1	1		++-	_			-	_		1	_			1									-	\rightarrow	
Envelope Converting Service	6603 Ursula Ave S	Duwamish (NEC) CSO	05/19/04	3	1	1		+	_			+																	\rightarrow	
Envelope Converting Service	6603 Ursula Ave S	Duwamish (NEC) CSO	09/04/08	2	<u> </u>	1	Ė																	1					-	\neg
Essential Baking Company	1001 S Myrtle St	Slip 4 Georgetown SD	06/16/09	4	1		1						1																	
Evergreen Building Products LLC	4835 W Marginal Wy SW	SW Idaho St SD	03/18/10	3	1		1										1													
Evergreen Chiropractic Clinic	1032 S Jackson St	Diagonal CSO	04/19/04	1			<u> </u>	\vdash	1	\vdash		-										\vdash								
Evergreen Tractor	164 S Michigan St	1st Ave S SD-east	11/20/12	2	4		1	\vdash	-	1		-	-						1									-	\rightarrow	
EWC Group, Inc Expert Marble & Granite Inc.	660 S Othello St 4749 W Marginal Wy SW	Duwamish East Direct SW Idaho St SD	07/30/09 04/12/10	5	1	1	1		1	 		-	_			-						\vdash					\vdash	-	\rightarrow	
Express Cold Storage	4606 4TH AVE S	Diagonal SD	10/25/13	5 7	2	 '	2	+ + '	- '			+	_			-				1		2				-		-	-+	-
EZ Buy Motors Inc.	400 4111AVE S 401 RAINIER AVE S	Diagonal SD	07/25/13	3	1	1	1													<u> </u>		-							-+	
Ezell's Famous Chicken	501 23rd Ave	Diagonal CSO	08/05/03	2	L																	1		1						
Fabriform Plastics Inc.	3300 Airport Wy S	Diagonal CSO	05/30/03	6											1							1				1	1	1	1	
·		<u> </u>		-	•			-								-									-					

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from	storage areas	ct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Renair or renlace degraded onen chemical	Kepair of replace degraded upen oriennoal containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAS	STE							S	TORM	WATER								HA	ZARDOL	S WAS	TE	
Fabriform Plastics Inc.	3300 Airport Wy S	Diagonal CSO	09/06/07	5	1											1											1	1	1	-+	
Fairn and Swanson	9875 40th Ave S	Norfolk SD/CSO/EOF	09/29/05	2	1										-	1											<u> </u>				
Fast Rabbits	2822 Martin Luther King Jr Wy S	Diagonal SD	12/16/10	6	1	1	1							1						1					1						
Federal Aviation Administration	6526 Ellis Ave S	Duwamish (NEC) CSO	08/05/04	4	1	4	1		-			-	-			1								1	1				\longrightarrow	-+	
Federal Marine & Defense Services, LLC FedEx	8000 5th Ave S 651 S Alaska St	7th Ave S SD Diagonal SD	11/16/09 03/07/14	2	1	1	ı					+	-	-	-	1	-	-		1					1				\rightarrow	+	\dashv
Ferguson Construction Inc.	7433 5th Ave S	Trotsky Inlet	05/29/07	2	1																				1						
Ferguson Construction Inc.	7433 5th Ave S	Trotsky Inlet	04/06/11	1																					1				\Box		
Ferguson Enterprises Inc.	4100 W Marginal Wy SW	SW Dakota St SD	04/05/10	7	1		11	$\vdash\vdash$		-	-	+	-			1	\rightarrow	1		1					1		1		\longrightarrow	-	
Ferguson Property Filterfresh Seattle	1915 Ursula PI S 9243 10th Ave S	Duwamish (NEC) CSO S 96th St SD	06/09/04 09/16/10	1 4	1	1	1	$\vdash\vdash$	+	-	-	+	-		-		-+	1				\vdash			1				\rightarrow	-+	-
Fire King of Seattle, Inc.	240 S Holden St	7th Ave S SD	11/20/07	1	'_	<u>'</u>						_													1				\rightarrow	-	
Fire King of Seattle, Inc.	240 S Holden St	7th Ave S SD	01/31/12	4							1												1				1	1			
Firestone	2915 RAINIER AVE S	Diagonal SD	10/28/03	8	1	1										1									1		1		1	1	1
Firestone	2915 RAINIER AVE S	Diagonal SD	11/07/07 05/05/10	<u>4</u> 4	11	1	1		_			-	-	_		-									2				\rightarrow		
First Student First Student	7400 8th Ave S 7400 8th Ave S	Slip 4 Other Slip 4 Other	10/03/12	3	1		<u>1</u> 1																						1	-+	
First Student Inc.	7739 1st Ave S	1st Ave S SD-west	11/03/10	6	1		1	1		1		\neg						1			1									-	
Fittings Inc	5979 4th Ave S	Duwamish East Direct	07/17/08	5	1	1	1																		1		1				
FleetMasters Inc.	7130 8th Ave S	Duwamish (NEC) CSO	07/28/09	3	1		1		_			-	_				-										1				
FleetPride FleetPride	600 S Dakota St 600 S Dakota St	Diagonal SD Diagonal SD	05/14/03 08/30/11	1 6	1	1	1	\vdash	_			-		-	_		-										1		1	1	_
Flexi-Van Leasing Inc.	1 S IDAHO ST	Diagonal SD	03/28/03	2		<u>'</u>						\neg											1				<u> </u>		1		
Flying Fish Express	7937 2nd Ave S	2nd Ave S SD	12/28/09	2													1	1													
Fog Tite Inc	4819 W Marginal Wy SW	SW Idaho St SD	03/24/09	5	1	1	1	1				_	1																		
Fog Tite Inc Food Lifeline	4819 W Marginal Wy SW 4011 6th Ave S	SW Idaho St SD Diagonal SD	02/12/13 08/22/11	3 6	1	1	1		_			-	-	1		1	-							1	1				\rightarrow	-+	_
Food Service International	4601 6th Ave S	Diagonal SD	07/14/03	1		1								-		1													\rightarrow	-	
Food Service International	4601 6th Ave S	Diagonal SD	10/17/11	2														1							1						
Fox Plumbing & Heating	7501 2nd Ave S	Trotsky Inlet	05/29/07	3												1		1							1						
Fox Plumbing & Heating	7501 2nd Ave S	Trotsky Inlet	08/30/11	4	1	1	1		_					4		1				_										\rightarrow	
Frank Coluccio Construction Co Frank Coluccio Construction Co.	9600 Martin Luther King Jr Wy S 9850 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	11/08/05 11/08/05	8 4	1	1	1				1			1	1					1									1	\rightarrow	
Frank Coluccio Construction Co.	9850 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	04/22/11	4		<u> </u>																	1						1	1	1
Franks Quality Produce Inc.	612 S Alaska St	Diagonal SD	10/17/11	3	1	1	1																								
Franks Quality Produce Inc.	612 S Alaska St	Diagonal SD	08/27/14	3		4			_		1		4			4	4						1		1				\longrightarrow		
Franz Family Bakeries Freight Expeditors	2006 S Weller St 6501 EAST MARGINAL WAY S	Diagonal SD S River St SD	12/02/10 02/18/10	6 1		1					+	+	1	-	-	1	-						1		1				\rightarrow	-+	-
Galvin Flying Service, Inc.	6987 Perimeter Rd S	Slip 4	08/11/04	2	1		1																								
Galvin Flying Service, Inc.	7001 Perimeter Rd S	Slip 4	08/11/04	2	1		1																						\Box		
Galvin Flying Service, Inc. Galvin Flying Service, Inc.	7023 Perimeter Rd S 7149 Perimeter Rd S	Slip 4 Slip 4	08/11/04 08/11/04	3	1		1		_		1	-				-	-												\rightarrow	\rightarrow	
Galvin Flying Service, Inc.	7201 Perimeter Rd S	Slip 4	08/11/04	2	1		1																						\rightarrow	-	
Galvin Flying Service, Inc.	7777 Perimeter Rd S	Slip 5 KCIA SD #2	08/11/04	3	1	1	1																								
Garfield High School	400 23RD AVE	Diagonal SD	03/15/04	5	1	1	1					_															1	1			
Garlatz/Seattle Air Corp GE Equipment Management	1115 S Elizabeth St 9801 Martin Luther King Jr Wv S	Slip 4 Norfolk SD/CSO/EOF	10/06/04 10/25/05	<u>1</u> 3	1				_			-				-	-			1				1	1				\rightarrow	\rightarrow	_
Gene Summy Lumber	6000 W Marginal Wy SW	T115/Kenny SD	06/23/06	3	1	1	1																						\rightarrow	-	
Gene Summy Lumber	6000 W Marginal Wy SW	T115/Kenny SD	05/11/10	2	1											1															
Gene Summy Lumber	6000 W Marginal Wy SW	T115/Kenny SD	06/10/14	11																									1		
General Biodiesel Seattle	6333 1st Ave S	Duwamish East Direct	10/02/14	2 7	4	1	- 1	\vdash	-		-	+	-			1	1				4	\vdash	1		1				\longrightarrow	-	-
Georgetown Brewing Co. Georgetown Brewing Co.	5200 Denver Ave S 5200 Denver Ave S	Diagonal SD Diagonal SD	09/16/10 10/16/13	/ 1	1	1	1				1	-		-		1	1				1				1	1			\rightarrow	-+	\dashv
Georgetown Management	6801 Perimeter Rd S	Slip 4	08/17/04	3	1	1	1					\vdash					\neg												\neg	-	
Girlie Press	1658 21ST AVE	Diagonal CSO	03/17/04	3	1	1																									
Glacier Northwest - Seattle Redi-Mix Plant	5975 E Marginal Wy S	Duwamish East Direct	05/25/06	2		1			-			_	-			4									1		-			<u></u>	
Glacier Northwest - Seattle Terminal Glacier Northwest - Truck Parking and Storage Lot	5900 WEST MARGINAL WAY SW 5902 WEST MARGINAL WAY SW	Duwamish West Direct T115/Kenny SD	06/02/06 06/02/06	3 4	1	1	1				-	-	-	-	-	1									1		1		\rightarrow	-+	-
Glassworks Glassworks	927 Rainier Ave S	Diagonal SD	08/13/03	2								+					-								- ' -		1	1	\rightarrow	-+	
Glassworks	927 Rainier Ave S	Diagonal SD	01/27/11	6	1	1	1	1																			1		1		
PIGGGTTOTING	OET NAME O	Diagonal OD	V1/2//11	U	<u> </u>		- '				_																1 1				

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from	Storage areas Correct Illicit connoction	Correct mind connection Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers	Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAS	STE							STORM	WATER								HA	ZARDOL	JS WAS	TE	
Clabal Diving & Salvaga Inc	9165 1ct Avc C	1ct Avo S SD wood	04/25/40	4	1		1																			1		1		
Global Diving & Salvage Inc. Global Fulfillment	8165 1st Ave S 4 S IDAHO ST	1st Ave S SD-west Diagonal SD	01/25/10 08/28/08	2	1		1	++-	_	+ +		+		+										1		1		-	-	
Global Inc	7619 5th Ave S	7th Ave S SD	01/09/03	3	1	1	1					+			1														_	
Global Inc	7619 5th Ave S	7th Ave S SD	11/21/07	12	1	1									1	1						1	1			1	1	1	1	1
Global Inc	7619 5th Ave S	7th Ave S SD	07/03/12	5	1	1	1																			1			1	
Golden Pheasant Foods, LLC	1222 S Weller St	Diagonal SD	08/13/03	1															1											
Goldie's Inc.	3924 Airport Wy S	Diagonal CSO	08/20/03	3									1				1							1						
Goodwill Missionary Baptist Church	126 15th Ave S	Diagonal CSO	03/04/04	1				\vdash	-	-		+		_	1									1		-				
Gourmondo	309 S Cloverdale St	7th Ave S SD	03/03/10	3	1	1	1	\vdash	_	-		+	_	-	-						\vdash					-				
Grace United Church of Christ	722 30th Ave S	Diagonal CSO	04/01/04	1		4			_	+	_	+		-	-									1	_	-		4		
Grand Central Baking Company	4634 EAST MARGINAL WAY S 4634 EAST MARGINAL WAY S	Diagonal SD Diagonal SD	03/12/03 10/14/10	2 1		1	-	++	-	+ +	-	+		+	1		1				\vdash				-	-		1	-	-
Grand Central Baking Company Granite Pro	700 Rainier Ave S	Diagonal SD Diagonal SD	11/19/10	1				1		+ +	_	+		_	1		- 1								1	+			-	-
Gray Line of Seattle and Horizon Coach Lines	4500 W Marginal Wy SW	Duwamish West Direct	02/07/06	3	1			++-				_											1	1						
Grease Monkey #481	2101 23rd Ave S	Diagonal SD	09/14/10	3	·					1					1									·		1				
Grease Monkey #481	2101 23rd Ave S	Diagonal SD	03/31/14	2																			1	1						
Green Day Trading and Recycling Co.	747 S MONROE ST	Duwamish (NEC) CSO	07/08/14	2	1																	1								
Green Depot Wa Pacific Coast LLC	4121 1st Ave S	Diagonal SD	11/29/11	1																						1				
Greenspace Inc.	910 Boylston Ave	Diagonal CSO	04/14/04	1																				1						
Gretchen's Shoebox Express	3922 6th Ave S	Diagonal SD	08/19/11	9	1	1	1		_		1	-		-	1		1		1	1				1		-				
Gretchen's Shoebox Express	3922 6th Ave S	Diagonal SD	12/03/13	3	1		-	\vdash	-	-		+	_	-	-					1	\vdash	1				-		_		
Group Health Cooperative GSA	5316 Rainier Ave S 4735 E Marginal Wy S	Diagonal CSO Duwamish East Direct	01/30/04 06/25/04	<u>4</u> 5		1		++-	1	-		+	_	+	-				1					1	_	1		1	1	
Halfon Candy Co. Inc.	9229 10th Ave S	S 96th St SD	09/16/10	3	1	1	1	++	_	+ +	_	+		+	+				- 1					<u> </u>	_	1		-		-
Han Han Market	412 12th Ave S	Diagonal CSO	03/16/04	3	1	1	1					+														_				
Harborview Medical Center	325 9th Ave	Diagonal CSO	04/27/04	3	<u> </u>	<u> </u>	1		1	1		+			1											1			_	
Harrington Industrial Plastics LLC (TUKWILA)	4322 S 104th PI	Norfolk SD/CSO/EOF	11/28/07	1	1																									
Harsch Investment Properties	309 S Cloverdale St	7th Ave S SD	10/05/09	2	1																					1				
Harsch Investment Properties	309 S Cloverdale St	7th Ave S SD	06/20/14	2											1							1								
HD Supply Waterworks LTD	10013 M L KING JR WAY S	Norfolk SD/CSO/EOF	04/29/13	2													1						1							
Heath Landscape Services Inc	4849 W Marginal Wy SW	SW Idaho St SD	03/26/10	6	1	1	1	\square	_	-		+		-	-	1	1								_			1		
Heath Landscape Services Inc	4849 W Marginal Wy SW	SW Idaho St SD	05/19/14	1	_	1	_		_	-		+	_	-	-						\vdash	\vdash				-			-	
Heathco International Inc Hedwall Architectural Iron	4033 16th Ave SW 4750 Ohio Ave S	SW Dakota St SD Diagonal SD	04/13/10 10/04/12	3 4	1	1			_	+ +	-	+	_	_	1					1	\vdash	1				+			-	
Heko Inc	7400 8th Ave S	Slip 4 Other	05/16/12	3	<u> </u>	-					_	+			1					- '		- '		1					1	$\overline{}$
Hello Bicycle	3067 Beacon Ave S	Diagonal SD	11/19/10	3	1	1	1								1 '									<u> </u>	1				- +	$\overline{}$
Hertz Equipment Rental	5055 4TH AVE S	Diagonal SD	06/10/14	1																				1						
High-Rise Cabinets Inc.	2755 Airport Wy S	Diagonal SD	05/28/03	5	1	1	1																			1	1			
High-Rise Cabinets Inc.	2755 Airport Wy S	Diagonal SD	07/19/12	3																1		1				1				
Hollywood Lights	660 S Dakota St	Diagonal SD	07/27/10	2	1				_			+		-	-		1									-				
Hospital Central Services Association	1300 E Columbia St	Diagonal CSO	03/16/04	11		4	4		_	+	_	+		-	4									1	_	-				
Hudson Bay Insulation Hughes Supply Inc.	8230 5th Ave S 10013 Martin Luther King Jr Wy S	7th Ave S SD Norfolk SD/CSO/EOF	12/04/09 09/16/05	3	1	1	1	++-	_	-	-	+	_	+	1						\vdash			1	_	+			-	-
Hui-Intertrading Inc.	2100 22nd Ave S	Diagonal SD	10/01/10	3 5	1	1			_	+ +		+		+	+				1					1	+	+		-	-	-
Hydroslice Aerospace LLC	9688 M L KING JR WAY S	Norfolk SD/CSO/EOF	10/11/10	8	1	1				1	1	+			1			1	-	1		1		<u> </u>					_	
iclick	3931 1st Ave S	Diagonal SD	08/30/12	6	1	1																				1		1	1	
Ikan Two Auto & Truck Wrecking	9802 M L KING JR WAY S	Diagonal SD	11/14/07	9	1	1									1						1					1	1	1	1	
Image Star Shots	4801 Rainier Ave S	Diagonal CSO	02/05/04	3	1	1																							1	
Imagine Visual Service LLC	665 S DAKOTA ST	Diagonal SD	08/20/14	6	1	1	1												1	1				1						
Immaculate Conception	820 18th Ave	Diagonal CSO	04/16/04	1	L .		<u> </u>	\square	_			+		-	-									1	_	-				
Impression Printing	222 S Lucile St	Duwamish (NEC) CSO	12/31/08	5	1				-			+		-	4		4					4		1	_	-		1		
IMS IMS	7901 1st Ave S 7901 1st Ave S	1st Ave S SD-west 1st Ave S SD-west	05/11/10	7	1	1		++-	_	-	-	+	_	+	1		1				1	1		1	_	1			-	
Inca Marble & Granite	5212 6TH AVE S	Diagonal SD	09/11/13 09/04/07	6 4	1	1					_	+	1	_							- '-					1				-
Independent Metals	703 S Monroe St	7th Ave S SD	08/13/03	6	1	1					_	+											1					1	1	$\overline{}$
Independent Metals	703 S Monroe St	7th Ave S SD	02/16/12	3	1	<u> </u>	r.				1	+			1							1			1			•		-
Independent Metals	747 S Monroe St	7th Ave S SD	06/05/08	10		1	1				1	_	1											1		1	1	1	1	
Independent Metals	747 S Monroe St	7th Ave S SD	02/16/12	3			Ė				1	-			1					1								-		
Industrial Battery Systems	211 S AUSTIN ST	2nd Ave S SD	04/15/08	9	1								1		1		1			1			1	1				1	1	
Industrial Tire Service	540 S Holden St	7th Ave S SD	10/06/08	6	1	1	_1										1							1		1				
				-																										

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Glean and eliminate leaks and spills from	Storage aleas	Correct mind correction Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		ı	IND WAS	STE						5	STORM	VATER								HAZA	RDOUS	WASTE	<u>:</u>
Innovative Repairs LLC	8110 7TH AVE S	7th Ave S SD	07/28/14	4	1	1	1		+			+		+	1			-									+	+	
Intermountain Supply, Inc.	3700 6TH AVE S	Diagonal SD	07/18/03	3	1	1																		1					
International Construction Equipment	8101 OCCIDENTAL AVE S	1st Ave S SD-west	11/03/11	6	1	1	1	1	-		1	_															_	_	1
International Construction Equipment International Lubricants Inc.	8101 OCCIDENTAL AVE S 7930 OCCIDENTAL AVE S	1st Ave S SD-west 1st Ave S SD-west	08/27/14 04/18/13	2 1					-		1	+-		_					-			1					\rightarrow	1	
International Sign	2914 S MCCLELLAN ST	Diagonal SD	11/08/10	8	1	1	1								1				1							1			1
International Truck Leasing & Rental	3801 7th Ave S	Diagonal SD	05/27/03	3		1							1									1							
INX International Ink Irena M. Baker DDS	4029 1ST AVE S 4704 RAINIER AVE S	Diagonal SD Diagonal CSO	03/21/03 01/30/04	<u>6</u>	2		2		-	1		+		-										1	-		\rightarrow	-	1
Iridio	5050 1st Ave S	Duwamish (NEC) CSO	10/31/03	1	1				_			+															+		
Isaacs Chiropractic Clinic	5200 Rainier Ave S	Diagonal CSO	02/04/04	2						1														1			\rightarrow		
IsGood Woodworks	4660 E Marginal Wy S	Diagonal SD	11/10/11	6	1	1	1					\perp								1				1				1	
Ishimitsu & Sons Inc. Island Detail	2304 Rainier Ave S 308 14th Ave S	Diagonal SD Diagonal SD	10/27/03 09/04/03	2 1					-			+		-				-	-							1		1	
J.A. Jack & Sons, Inc.	5427 Ohio Ave S	Duwamish East Direct	01/29/09	2	1				_			+		_					_							'	+	1	
J.H. Carr & Sons	37 S HUDSON ST	Diagonal SD	03/19/03	5	1	1	1								1	1													
J.R. Abbott Construction	3512 AIRPORT WAY S	Diagonal SD	08/11/03	6	1	1																		1		1		1	1
J.R. Abbott Construction Jacks Inc.	3512 AIRPORT WAY S 24 S IDAHO ST	Diagonal SD Diagonal SD	10/12/07 03/20/03	3 2	1		1		-			-							-					1			-	1	1
Jacks inc. Jackson Cleaners	2301 S Jackson St	Diagonal SD	03/20/03	3	1	1	1					_															\rightarrow	-	-
Jackson Motors, Inc.	401 Rainier Ave S	Diagonal SD	07/29/04	2									1															1	
JCE Inc.	2021 22ND AVE S	Diagonal SD	09/19/14	3	1	1	11		-			_															_	_	
Jefferson Park Family Medicine Jefferson Park Family Medicine	2902 Beacon Ave S 2902 Beacon Ave S	Diagonal SD Diagonal SD	10/30/03 03/26/14	1 2					+			-		_				-						2	_		\rightarrow	_	-
Jefferson Park Golf Course Clubhouse	4101 Beacon Ave S	Diagonal CSO	06/25/03	7	1	1	1						1				1					1		1			+		
Jefferson Park Golf Course Clubhouse	4101 Beacon Ave S	Diagonal CSO	09/04/07	6	1	1	1								1									1				1	
Jefferson Park Golf Maintenance Building	4101 Beacon Ave S	Diagonal CSO	07/16/03	11	1	1	1		-			+	1				1				1	1		1		1		1	1
Jefferson Park Golf Maintenance Building Jefferson Park Horticulture	4101 Beacon Ave S 4101 Beacon Ave S	Diagonal CSO Diagonal SD	05/31/07 09/20/11	<u>4</u> 5	1				_			+			1 1				1				1	1			\rightarrow		
Jehovah's Witnesses Kingdom Hall	333 19th Ave	Diagonal CSO	12/03/04	2	'							+			' '				1					1					
JEMCO, Inc.	901 S Hinds St	Diagonal CSO	08/11/03	1																								1	
Jensen Family LTD Partners	1001 S Myrtle St	Slip 4	09/29/04	2					-										1					1			_		
John Perine Co. John Plantish	820 S Adams St 4235 WEST MARGINAL WAY SW	Diagonal SD SW Idaho St SD	12/08/09 04/28/14	6 1	1	1	1		+			- 1	1	_				-				1	1	1	_		\rightarrow	_	-
Johnson Western Gunite Company	833 S Director St	S 96th St SD	11/05/10	2	1		1					+															-		
Jon-Don	4111 Airport Wy S	Diagonal SD	10/21/11	3	1	1	1																						
Jone's Clavier Academy of Music, Inc.	3847 Rainier Ave S	Diagonal CSO 1st Ave S SD-west	03/03/04	2 4	4		4		+	1		+		-					1					1	1	1	\rightarrow	+	$\overline{}$
Jones Stevedoring Company Jones Stevedoring Company	7245 W Marginal Wy SW 7245 W Marginal Wy SW	1st Ave S SD-west	07/16/09 04/20/12	4	- '	1	1		_			+					1									1	+	1	1
Jon's Recycling	7620 2nd Ave S	2nd Ave S SD	04/21/08	11	1	1					1				1					1		1	1	1		1			1
Jon's Recycling	7620 2nd Ave S	2nd Ave S SD	06/07/10	2																		1	1						
Jorgensen Forge (TUKWILA) JSH Properties Inc.	8531 E Marginal Wy S 2601 S Mc Clellan St	Duwamish East Direct	01/13/06	3 1	1				-			+		-				-					-	1				1	1
JSH Properties Inc.	2601 S Mc Clellan St	Diagonal SD Diagonal SD	10/22/03 10/08/13	1								_												1			+		
K-1 Auto Body Shop	5223 Rainier Ave S	Diagonal CSO	02/25/03	6	1	1	1						1									1						1	
K-1 Auto Body Shop	5223 Rainier Ave S	Diagonal CSO	04/22/04	2									1									1							
K2 Sports Kawabe Memorial House	4201 6th Ave 221 18TH AVE S	Diagonal SD Diagonal SD	09/22/11 09/24/03	<u>4</u> 1					-			-		-	1				1					1		1	+		
KDL Hardware Supply	850 POPLAR PL S	Diagonal SD	07/18/13	2					_					_										2			\rightarrow		
Kellan's Motor Works	1501 S Dearborn St	Diagonal SD	08/27/03	1		1																							
Kellan's Motor Works	1501 S Dearborn St	Diagonal SD	01/21/11	4	1	1	1					1		+			1		\Box			$\overline{}$							
Kellan's Motor Works Kelly-Ryan Inc.	1501 S Dearborn St 7235 2nd Ave S	Diagonal SD Trotsky Inlet	01/28/14 09/21/09	2 8	1	\vdash			+	1	-	+		+	1 1		-	-	-			1			1	1	+	1	1 1
Kidney Centers	700 Broadway	Diagonal CSO	04/06/04	1										_	' '							-		1	+ '-	<u>'</u>	\rightarrow	-	
King Auto & Truck Parts Inc.	543 S Monroe St	South Park/Riverside Dr	11/16/09	2	1																					1			
King County Airport Office Building (TUKWILA)	9010 E Marginal Wy S	Slip 6 KCIA SD #1	01/27/05	1															1					_,					
King County Maintenance Facility King County Sheriff	6518 Ellis Ave 4623 7th Ave S	Slip 4 Diagonal SD	12/22/04 05/19/03	7 3	1	1	1		+	1	-	+	1	+			1	-	1			-		1	_	1		1	
King County Sheriff	4623 7th Ave S	Diagonal SD	12/19/07	7	1	1	1					+					-	_						1		1	1 '	1	
King County Sheriff (TUKWILA)	8600 Perimeter Rd S	Slip 6 KCIA SD #1	08/03/04	3	1	1	1																						

Develop and implement spill response procedures Improve or purchase adequate spill response procedures Improve or purchase adequate spill response materials Property educate employees Maintain pretreatment for discharge areas Correct tilicit connection Don't discharge process wastewater to storage areas Correct tilicit connection Don't discharge process wastewater to storage areas Correct tilicit connection Implement proper fueling operations Implement proper washing practices Make storm drain facility parts accessit Missing or damaged components to storations Implement proper washing practices Make storm drain facility need repla Obtain NPDES permit for discharge Property store non-containerized materials Property store non-containerized materials Property store non-containerized materials Property store non-containerized storage Property designate waste	Property dispose of waste Property document waste disposal Property store product/waste Property label Containers Repair or replace degraded open cherr containers
DBA Name Address Outfall Date CA Count SPILL IND WASTE STORMWATER	HAZARDOUS WASTE
King Electrical Mfg. Company 9131 10th Ave S S 96th St SD 10/03/08 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1
King Electrical Mfg. Company 9131 10th Ave S S 96th St SD 10/03/08 17 1	1 1 1 1 1
King's Oriental Foods Co. Ltd 1238 S Weller St Diagonal SD 11/04/03 2 1	
Kleen Environmental Technologies 5955 W Marginal Wy SW T115/Kenny SD 03/13/06 1	
Kleen Environmental Technologies 5955 W Marginal Wy SW T115/Kenny SD 10/18/13 2	
Koike Seafood Inc 500 S River St Duwamish (NEC) CSO 11/13/06 3 1 1	
Koike Seafood Inc 500 S River St Duwamish (NEC) CSO 07/13/12 6 1 1 1 1 1 VPD Marine 7400 Mb Ave C Slip 4 05/40/42 3 1 <td< th=""><th></th></td<>	
KRS Marine 7400 8th Ave S Slip 4 05/16/12 3 1 1 1 Krueger Sheet Metal Co. 6515 W Marginal Wy SW SW Idaho St SD 04/12/10 5 1 1 1 1 1	1
	1 1
KT Building Supply 3614 6th Ave S Diagonal SD 02/12/09 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- - - - - - - - - -
	1
Kukuruza Popcorn 1214 S WELLER ST Diagonal SD 05/09/14 3 1 2 2 2 2	
Kusakabe Professional Corp. 1414 E Yesler Wy Diagonal CSO 03/09/04 1	
L & K Holdings LLC 2000 23rd Ave S Diagonal SD 10/26/11 1 1	
L&W Food Corp 651 S Industrial Wy Diagonal SD 08/22/12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Lacy & Par 660 S Industrial Wy Diagonal CSO 06/18/03 1<	1 1 1
LaFarge Corp 5400 W Marginal Wy SW Duwamish West Direct 04/02/13 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	'
	1
Larry's Market 1001 S MYRTLE ST Slip 4 11/03/04 3 1 1 1 1	
Leduc Packaging, Inc. 4424 4th Ave S Diagonal SD 06/16/11 <	
2001 Califf Calif	1
Leon Sullivan Health Care Center 2611 S Dearborn St Diagonal SD 04/18/13 5 1	1 1 1
Liberty Sidecars 2310 Rainier Ave S Diagonal SD 10/09/03 5 1 <t< th=""><th>1 1</th></t<>	1 1
	1
Life Style Landscape 4101 4th Ave S Diagonal SD 10/22/03 2 1 1 1	
Lion Trucking, Inc. 8425 1st Ave S 1st Ave S 1st Ave S SD-west 01/18/07 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
Lion Trucking, Inc. 8425 1st Ave S 1st Ave S SD-west 10/11/12 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Liquor Control Board 4401 E Marginal Wy S Diagonal SD 09/29/03 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
Liquor Control Board 4401 E Marginal Wy S Diagonal SD 06/12/07 8 1	
Linguis Control Board 4401 E Wanginar Wy S Diagonal CSO 02/27/04 2 1 1 1	
Loomis 5200 E Marginal Wy S Diagonal CSO 10/30/03 2 1 1	
Loomis 5200 E Marginal Wy S Diagonal CSO 12/01/05 4 1 1 1 1 1	1
Loomis 5200 E Marginal Wy S Diagonal CSO 02/02/11 4 1 1 1	
Loudeye 1130 Rainier Ave S Diagonal SD 08/06/03 1 Image: Control of the contro	
Lowes Home Improvement Warehouse 2700 Rainier Ave S Diagonal SD 10/14/03 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Lowes Home Improvement Warehouse 2700 Rainier Ave S Diagonal SD 01/27/11 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Lowes Home Improvement Warehouse 2700 Rainier Ave S Diagonal SD 04/17/12 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Lowes Home Improvement Warehouse 2700 Rainier Ave S Diagonal SD 06/21/13 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Lucky Seafood 3217 Beacon Ave S Diagonal SD 09/05/08 1 Lucky Seafood 1 1 1	
Lukas Machine, Inc. 707 S RIVERSIDE DR 7th Ave S SD 01/30/08 6 1 1 1 1 1 1 LVI Environmental Services Inc. 5409 Ohio Ave S Duwamish East Direct 01/14/09 3 1	1
M&M Auto Repair 2116 22nd Ave S Diagonal SD 07/02/09 3 1 1 1	
M&M Auto Repair 2116 22nd Ave S Diagonal SD 04/19/12 1	
M&R Equipment, Inc. 3626 Airport Wy S Diagonal SD 07/15/03 6 1 1	1 1 1 1
M&R Equipment, Inc. 3626 Airport Wy S Diagonal SD 11/19/07 5 1 1 1 1 1	
MacDonald Miller Co., Inc. 7707 DETROIT AVE SW 1st Ave S SD-west 05/24/10 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1
MacDonald Miller Co., Inc. 7707 DETROIT AVE SW 1st Ave S SD-west 03/28/14 6 2 2 MacDonald Miller Facility Solutions Inc 3701 S NORFOLK ST Norfolk SD/CSO/EOF 06/05/14 2 2 1 <t< th=""><th>2</th></t<>	2
MacDonald-Miller 9833 40th Ave S Norfolk SD/CSO/EOF 10/18/05 5 1 1 1	1 1
Machinists Inc Plant 2 7600 5TH AVE S 7th Ave S SD 08/28/13 2 1	
Machinists Inc Plant 3 8201 7th Ave S South Park/Riverside Dr 10/23/12 1	
Machinists Inc. Plant 4 8101 7TH AVE S 7th Ave S SD 10/23/12 3 1 1 1 1	
MacMillan Piper Inc. 655 S Edmunds St Diagonal SD 06/04/03 13 1	1 1
MacMillan Piper Inc. 655 S Edmunds St Diagonal SD 10/25/07 9 1 1 1 1 1 1 MacMillan Piper Inc. 655 S Edmunds St Diagonal SD 10/25/07 9 1<	1
MacMillan Piper Inc. 655 S Edmunds St Diagonal SD 10/11/10 2 1 1 1 1	1

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Glean and eliminate leaks and spills from stringer areas	300 to 30	Correct illicit connection Don't discharge process wastewater to	stormdrain Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical	.⊆
DBA Name	Address	Outfall	Date	CA Count		SPILL		ı	IND WAS	STE						:	STORM	WATER								HAZ	ARDOU	IS WAS	TE	
MacMillan Piper Inc.	655 S Edmunds St	Diagonal SD	02/19/13	2	1							+			1															
Madison Park Church of Christ	1115 19th Ave	Diagonal CSO	04/01/04	1																				1						
Magic Dragon Chinese Eatery	306 23rd Ave S	Diagonal SD	10/25/11	3	1	1	1																							
Magnum Print Solutions Mail Movers	633 S Snoqualmie St 4500 4TH AVE S	Diagonal SD Diagonal SD	11/16/11 03/19/03	<u>4</u> 5	1	1	1		_		1	+		_	+									1		1	-		1	_
Mail Movers	4500 4TH AVE S	Diagonal SD	09/06/07	2									1		1															
Mailhandlers	4005 6TH AVE S	Diagonal SD	08/14/03	1								\perp												1						\Box
Malay Satay Hut Mallory & Church	212 12th Ave S 676 S Industrial Wy	Diagonal CSO Diagonal SD	03/16/04 06/04/03	3	1	1	1		+		+	+		+	+				1		\vdash				+				-+	-
Mallory & Church	676 S Industrial Wy	Diagonal SD	10/21/11	1	<u>'</u>	-						+										1								
Mallory & Church	676 S Industrial Wy	Diagonal SD	10/28/14	2															1							1				
Mar Properties Marginal Way ARCO	1225 S Weller St 7200 E Marginal Wy S	Diagonal SD Slip 4	08/18/03 02/04/11	15	1	1	1		_			+	1		-									1			_	1		_
Marine Lumber Service	525 S Chicago St	7th Ave S SD	03/24/09	1		'	- 1					+											1					'		
Marine Vacuum Service	1516 S Graham St	Duwamish (NEC) CSO	01/26/05	1	1																									
Marine Vacuum Service	1516 S Graham St 7266 8th Ave S	Duwamish (NEC) CSO Duwamish (NEC) CSO	07/25/12 03/17/06	5 4	1		1		-		1	+		_	1				1	1								1	1	_
Markey Martin Luther King 76	2801 Martin Luther King Jr Wy S	Diagonal SD	11/08/10	6	1		1			1		-	1		+									1				1	-	
Masins	3701 S Norfolk St	Norfolk SD/CSO/EOF	02/09/12	3	1	1	1																							
Maurer Supply	843 Rainier Ave S 843 Rainier Ave S	Diagonal SD	08/11/03	3	1	1	1		_			+		_																
Maurer Supply McKinstry	220 S Dawson	Diagonal SD Diagonal CSO	09/26/13 09/14/12	<u>3</u> 1	1	1						-			+									1					\rightarrow	
McKinstry Company	4800 Denver Ave S	Diagonal SD	07/06/07	1																				1						
McKinstry Company McKinstry Company	5005 3rd Ave S 5005 3rd Ave S	Diagonal CSO Diagonal CSO	03/28/03 07/06/07	2					_			-	1 1		-													1	1	_
McKinstry Company	5005 3rd Ave S 5005 3rd Ave S	Diagonal CSO	09/02/10	4	1			1				-	1 1		+				1					1					\rightarrow	
McKinstry Company	5005 3rd Ave S	Diagonal CSO	09/14/12	4			1															1		1					1	
MDE Engineers, Inc.	700 S Industrial Wy	Diagonal SD	07/09/03	4	4	1	4		_			+	1	_								1		1		1				
MDE Engineers, Inc. Meeco Manufacturing Co. Inc.	700 S Industrial Wy 432 S Cloverdale St	Diagonal SD 2nd Ave S SD	12/19/07 09/28/11	3 6	1	1	1					+			1					1		1								—
Mekong Rainier Market & Gift	3400 Rainier Ave S	Diagonal CSO	02/23/04	1																				1						
Mercury Commercial Cleaning	309 S CLOVERDALE ST	7th Ave S SD	06/26/14	4	1	4	1					-	1	_			1		4					4		4				_
Merlino Foods Merlino Foods	4100 4th Ave S 5200 DENVER AVE S	Diagonal SD Diagonal SD	10/21/11 05/29/03	7	1	1	1					+	1				1		1		1			1		1			_	_
Messenger, Inc.	37 S Hudson St	Diagonal SD	07/23/07	5	1	1																				1			1	
Metal Works Northwest Metal Works Northwest	3834 4TH AVE S 3834 4TH AVE S	Diagonal SD Diagonal SD	04/05/04 05/15/08	12 6	2	2	2		+		1	+	_	-	+		1				2				_	1		2	2	\dashv
Metal Works Northwest Metal Works Northwest	3834 4TH AVE S 3834 4TH AVE S	Diagonal SD	01/22/13	4	<u> </u>						+ '	+					- 1					1				1		1		\dashv
Mi La Cay	718 Rainier Ave S	Diagonal SD	08/29/03	4	1	1	1																	1						
Mi La Cay Mi La Cay	718 Rainier Ave S 718 Rainier Ave S	Diagonal SD Diagonal SD	11/18/11 10/09/13	1 1					_			+			-									1				-		_
Mikado Restaurant	1306 S King St	Diagonal CSO	09/11/07	3	1	1	1					+												· ·						
Mike's Truck Repair and Fabrication Inc.	515 S Southern St	7th Ave S SD	09/11/09	5	1	1																1							1	
MJL Partners Mobile Crane	7827 PERIMETER RD S 5900 2nd Ave S	Slip 5 KCIA SD #2 Duwamish (NEC) CSO	09/20/04 07/15/08	3 3	1	1			-			-			-															_
Mobile Equipment Systems	2120 Airport Wy S	Diagonal SD	05/28/03	4	1							\top															1			
Modelwerks	655 S Andover St	Diagonal SD	05/21/03	2																				1		1				
Modern Coach/Modern Pattern Modern Machine	7601 5th Ave S 519 S Elmgrove St	7th Ave S SD 7th Ave S SD	03/14/03 02/20/08	<u>3</u> 5	1	1	1		_			+	1	_	+						1		1					1	1	_
Modern Machine Co.	524 S Southern St	7th Ave S SD	05/27/11	7			1									1				1		1			1	1	1			
Modern Machine Co.	524 S Southern St	7th Ave S SD	07/24/13	4											1					1	1			1						
Modine Western Money Tree	115 S Dawson St 1400 Madison St	Diagonal CSO Diagonal CSO	12/08/03 04/14/04	5 1	1	1	1					+		-						-		1		1					-+	\dashv
Moonlight Cafe	1919 S JACKSON ST	Diagonal SD	11/03/11	5	1	1	1				1											1							_	
Moonlight Cafe	1919 S JACKSON ST	Diagonal SD	01/28/14	4	1	1	1				1	_																		
Mount Baker Auto Care Detail Enterprises Mount Baker Auto Care Detail Enterprises	2800 Martin Luther King Jr Wy S 2800 Martin Luther King Jr Wy S	Diagonal SD Diagonal SD	02/10/11 07/25/13	6	1	1			-			+			1		1				\vdash	1	1				-	-	-	-
Mount Baker Auto Care Detail Enterprises Mount Baker Cleaners	2864 S Mc Clellan St	Diagonal SD	10/08/13	3		1						+			1							-	'						-	\dashv
Mount Zion Baptist Church	1634 19th Ave	Diagonal CSO	03/24/04	2															1					1						\Box
MSI - Marine Services International	6000 WEST MARGINAL WAY SW	T115/Kenny SD	06/23/06	5	1	1	1								1													1		

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		I	ND WAS	TE						s	STORM	VATER								HAZ	ARDOUS	3 WAST	Έ
MTI	7700 Fth Ave C	74h Aug C CD	00/00/00																									1	1
MTI Mutual Fish Co. Inc.	7709 5th Ave S 2335 Rainier Ave S	7th Ave S SD Diagonal SD	08/26/09 10/23/03	2 2					+				_				1							1				1	1
Mutual Fish Co. Inc.	2335 Rainier Ave S	Diagonal SD	12/10/10	6	1	1	1												1				1	1				-	
Mutual Fish Co. Inc.	2335 Rainier Ave S	Diagonal SD	09/17/14	2													1							1					
Mygrant Glass Company	4321 7th Ave S	Diagonal SD	11/22/11	1																				1				\bot	
National Aviation	7170 Perimeter Rd S	Slip 4	08/25/04	2	<u> </u>	1			-			-			\vdash													<u>.</u>	
National Products Inc (UNICORPORATED KC)	8410 Dallas Ave S	Duwamish (NEC) CSO	07/11/08	8	1	1			-		+	-	-		1					1				\vdash		1			1
National Products Inc. NCM	1017 S Elmgrove St 7245 W Marginal Wy SW	Duwamish (NEC) CSO 1st Ave S SD-west	12/05/07 04/20/12	5 5	1	1	11		+			-	-		1		1									1			1
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF	11/21/05	2					+						1		-							1				-+	
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF	10/11/07	5		1					1						1						1					\rightarrow	1
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF	02/23/11	7	1		1							1			1			1		1							
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF	11/07/13	4	1									1								1				1			
New Finishes, Inc.	4235 W Marginal Wy SW	SW Idaho St SD	01/25/10	7	1	1	1																		1	1		1	1
New Finishes, Inc.	4235 W Marginal Wy SW	SW Idaho St SD	04/28/14	11					-								1	_											
Ngoc Viet Jewelry	1236 S Jackson St	Diagonal SD	09/16/03	3	4	1						-										1	1	1		4		\rightarrow	
Nha Hang Ngoc Huong Nichols Truck Tire	1200 S Jackson St 6311 Corgiat Dr S	Diagonal CSO Duwamish (NEC) CSO	03/16/04 06/16/04	5 4	1	1	1		+				_									1				1	-	\rightarrow	
Nieder MFG Co	2814 Martin Luther King Jr Ave S	Diagonal SD	02/24/11	2	-	'													1					1		- '		-+	
Nikkei Concerns	1601 E Yesler Wy	Diagonal SD	10/29/03	12											2				-			2		2		2	2		2
Nikkei Concerns	1601 E Yesler Wy	Diagonal SD	09/26/07	4	1	1	1																	1					
Noble Wines	9860 40th Ave S	Norfolk SD/CSO/EOF	09/29/05	2	1																			1					
Noble Wines	9860 40th Ave S	Norfolk SD/CSO/EOF	02/03/12	1					-			-					1											\rightarrow	
Non Ferrous Metal	230 S Chicago St	1st Ave S SD-west	09/24/09	2 1			1	1				-												1				\rightarrow	
NorStar Specialty Foods Inc. North Industries	3901 7th Ave S 401 S WEBSTER ST	Diagonal SD Trotsky Inlet	05/27/03 11/15/07	6	1	1	1																1	'		1		1	
North Pacific Seafoods	7417 4th Ave S	Trotsky Inlet	11/29/07	1		-							1													<u> </u>			
North Pacific Seafoods	7417 4th Ave S	Trotsky Inlet	09/05/12	1																				1					
North Star Casteel	3909 9th Ave S	Diagonal SD	05/22/03	4					1																	1		1	1
North Star Casteel	3909 9th Ave S	Diagonal SD	05/05/04	8	1	1	1				1				1						1			1					1
North Star Casteel	3909 9th Ave S	Diagonal SD	05/15/08	10			11				1				1	1						1	1		1			1	1 1
North Star Casteel	3909 9th Ave S	Diagonal SD	04/15/14	3		1					1	-			1							1		4				\rightarrow	
North Star Ice Equipment Corporation Northland Services	8151 Occidental Ave S 6701 Fox Ave S	2nd Ave S SD S Brighton St SD	10/24/13 04/30/09	2 8	1										1	1		_	1			1		'	1		_	1	1 1
Northwest Building Tech Inc.	215 S Austin St	7th Ave S SD	03/29/07	3	1	1	1								-	-													
Northwest Center	7272 W Marginal Wy S	Trotsky Inlet	11/05/07	4	1	1																		1					
Northwest Center	7272 W Marginal Wy S	Trotsky Inlet	01/12/12	5	1										1		1					1		1					
Northwest Concrete Resurfacing	3828 4TH AVE S	Diagonal SD	11/27/13	6	1	1	1								1		1						1						
Northwest Consolidated Investments	3828 4th Ave S 3828 4th Ave S	Diagonal SD	09/29/03	1 1					-		+	-	-											1				\rightarrow	$\overline{}$
Northwest Consolidated Investments Northwest Gourmet Food Products Inc.	9620 Martin Luther King Jr Wy S	Diagonal SD Norfolk SD/CSO/EOF	11/27/13 04/27/12	4 1											2							1						-	
Northwest Laboratories	241 S HOLDEN ST	7th Ave S SD	09/28/09	5	1	1	1																			1		1	
Northwest Laboratories	241 S HOLDEN ST	7th Ave S SD	10/21/14	1																				1					
Northwest Oriental Foods	20 S Idaho St	Diagonal SD	11/16/11	3	1	1	1																						
Northwest Publishing Center	1710 S Norman St	Diagonal SD	09/04/03	3	1	1	1		-									_											
Northwest Pump & Equipment Northwest SeaFood Processors Inc.	601 S Snoqualmie St	Diagonal SD	05/20/03	3 4	1	4						-				1										1		1	
Northwest Tofu Inc	206 SW Michigan St 1911 S Jackson St	1st Ave S SD-west Diagonal SD	09/26/12 11/04/11	3	1	1	- 1									-						1						-	
Northwind Marine	605 S Riverside Dr	7th Ave S SD	04/16/09	7							1				1		1			1						1		1	1
Nuprecon	7245 W Marginal Wy SW	1st Ave S SD-west	07/08/09	9	1	1	1	1		1														1		1	1	1	
NW Autowrecking (TUKWILA)	10230 EAST MARGINAL WAY S	Norfolk SD/CSO/EOF	05/23/07	12	1	1	1						1		1	1	1					1	1	1					1
NW Container Services Inc.	635 S Edmunds St	Diagonal SD	06/25/03	5	1	1			-			-	1		\vdash											1			1
NW Container Services Inc.	635 S Edmunds St	Diagonal SD	10/23/07	6	1	1			-			-	-		1		1			4	4						1	\rightarrow	1
NW Container Services Inc. NW Kidney Center	635 S Edmunds St 9700 M L KING JR WAY S	Diagonal SD Norfolk SD/CSO/EOF	05/02/13 11/23/05	2 5	1	1	1	\vdash	+			-	1		\vdash			-	-	1	1			1			-	-+	$\overline{}$
NW Kidney Center	9700 M L KING JR WAY S	Norfolk SD/CSO/EOF	08/23/11	3			1		+		_		+ '-		1											1	_	-+	$\overline{}$
NW Truck Transmission Inc.	6327 18th Ave S	Duwamish (NEC) CSO	06/09/04	5	1		•															1					1	-	1
Oberto Sausage Company	1715 Rainier Ave S	Diagonal SD	01/19/11	4	1	1	1																	1					
Occuhealth	726 Broadway	Diagonal CSO	03/26/04	1	1																								
Ohno Construction Company	9416 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	02/22/06	4											1											1	1		1

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from	storage areas	ct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical	containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		I	IND WA	STE							S	TORM	WATER	l.							HAZ	ZARDOL	S WAS	TE	
Ohno Construction Company	9416 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	02/02/09	8	1	1	1								1			1		1			1		1				$\overline{}$		
Ohno Construction Company	9416 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	05/12/11	3		1	- 1					1						-					1		'						
Olsson Manufacturing Inc.	525 S Elmgrove St	South Park/Riverside Dr	02/03/12	2																1					1						
Olympic Steel Door Inc. Oma Construction Inc.	7800 7th Ave S 2760 6TH PL S	7th Ave S SD Diagonal SD	09/14/09 11/23/13	3 4								-				1					1		1	1	1		1		1		
O'Neill And Sons	6640 Ellis Ave S	Slip 4	08/20/04	5	1		1											1							1				1		
Operation Nightwatch	302 14th Ave S	Diagonal CSO	11/14/03	2			4						-	-	-	-	-								1		1				
Oppenheimer Cine Rental LLC O'Reilly Auto Parts	7400 3rd Ave S 2805 Rainier Ave S	Trotsky Inlet Diagonal SD	10/16/07 11/10/11	6 3	1	1	1		+	+	+	+	-	+	+	+	+	1				+			1		1	1	1	-	-
Organic Fuel Processors	7400 8th Ave S	Slip 4	04/22/10	7		1	1					1				1				1	1										
Organic Fuel Processors	7400 8th Ave S	Slip 4	05/16/12	3								1				1									1						
Oversea Casing Company Pacer Global Logistics	601 S Nevada 655 S Edmunds St	Diagonal SD Diagonal SD	01/23/09 06/03/03	3 2	1			1	-	-		-		-		1						1			1				\rightarrow	-+	_
Pacific Grip & Lighting (TUKWILA)	10401 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	12/12/07	4	1	1	1															<u> </u>					1		\rightarrow	-	
Pacific Medical Centers	1200 12th Ave S	Diagonal SD	10/30/03	3																					1				1	1	
Pacific Medical Centers Pacific Northwest Theatre Associates, Inc.	1200 12th Ave S 615 S ALASKA ST	Diagonal SD Diagonal SD	05/21/12 05/20/03	<u>4</u> 5	1		1	1	-	-		-		-		-									1		1		\rightarrow	-+	_
Pacific Pile & Marine	582 S Riverside Dr	Duwamish West Direct	12/17/09	9	1		1								1			1				1	1	1					\equiv	1	
Pacific Pile & Marine	582 S Riverside Dr	Duwamish West Direct	12/07/12	3											1								1						1		
Pacific Plumbing Supply Co. LLC Pacific Plumbing Supply Co. LLC	7115 W Marginal Wy SW 7115 W Marginal Wy SW	Highland Park Way SD Highland Park Way SD	12/07/09 04/18/14	7 2	1	1	1		-	-		-		-		1		1					1		1		1		\rightarrow	-+	_
Pacific Publishing Co.	636 S Alaska St	Diagonal SD	05/19/03	9	1	1	1		1			\rightarrow				1		1					1				1		1	-	
Pacific Publishing Co.	636 S Alaska St	Diagonal SD	11/06/07	3		1																			1		1				
Pacific Rim Equipment Rental Pacific Rim Equipment Rental	6515 W Marginal Wy SW 6515 W Marginal Wy SW	T115/Kenny SD T115/Kenny SD	12/17/09 06/19/12	8 7	1	1	1		+	1		-	-	-	1	1		1		<u>1</u> 1					1	1		\vdash	\rightarrow	1	
Pacific Shipping Company	4707 Denver Ave S	Diagonal SD	08/03/12	3	1	1	1			<u> </u>		\rightarrow						'								<u> </u>			\rightarrow		
Pacific Tower	1200 12th Ave S	Diagonal SD	10/30/03	4	1	1	1																		1						
Pacific Tower Pacific Tower	1200 12th Ave S 1200 12th Ave S	Diagonal SD Diagonal SD	10/08/07 02/03/14	3 1	1	1	1					-								1									\rightarrow		_
Pacific Western Agencies	7700 2nd Ave S	2nd Ave S SD	10/16/09	3	1	1	1					_																	\rightarrow		
Pacifica Marine Inc.	4233 W Marginal Wy SW	SW Idaho St SD	03/11/10	5	1	1	1																				1		=	1	
Pacifica Marine Inc. PACO, Yard 1	4233 W Marginal Wy SW 7400 2nd Ave S	SW Idaho St SD 2nd Ave S SD	04/23/14 03/29/07	3	1							-				1				1			1	1			1		1		_
PACO, Yard 1	7400 2nd Ave S	2nd Ave S SD	07/07/10	2								\rightarrow				1								-					1	-	
PACO, Yard 2	7560 2nd Ave S	2nd Ave S SD	03/29/07	3	1						•	1												1							
PACO, Yard 2 PACO, Yard 3	7560 2nd Ave S 7601 2nd Ave S	2nd Ave S SD 2nd Ave S SD	07/07/10 03/29/07	<u>1</u> 1	1	\vdash		\square	-	+	-	-				1						-						\vdash	\rightarrow	-	-
PACO, Yard 3	7601 2nd Ave S 7601 2nd Ave S	2nd Ave S SD 2nd Ave S SD	03/29/07	1								_				1															
Paine Electronics	2203 23rd Ave S	Diagonal CSO	01/23/04	3																					1				1	1	
Paine Electronics Pape Material Handling	2401 S Bayview St 9892 40th Ave S	Diagonal CSO Norfolk SD/CSO/EOF	10/22/03 09/30/05	2 2	1				+		-	1	-	-	-	-									1			\vdash	\rightarrow	-+	_
Pape Material Handling	9892 40th Ave S	Norfolk SD/CSO/EOF	03/30/12	2								•			1			1											\rightarrow	-	
Parent Trust for Washington Children	2200 RAINIER AVE S	Diagonal SD	04/23/14	1																					1						
Pawn X-Change Payless Shoe Source	2825 Rainier Ave S 2326 RAINIER AVE S	Diagonal SD Diagonal SD	01/27/11 10/09/03	1 1					_	-		-	-		_	-									1				\rightarrow	-	_
PCC Natural Markets	5041 Wilson Ave S	Diagonal CSO	02/09/04	1																					1						
Pedersen's Rentals & Sales	4500 4th Ave S	Diagonal SD	06/16/11	5	1	1	1											1							1				\rightarrow		
Pennington Metals & Auto Recycling LLC Penske	543 S Monroe St 3301 S Norfolk St	7th Ave S SD Norfolk SD/CSO/EOF	04/11/12 03/19/08	3	1	1	1		+			-	-		-	-					1		1						\rightarrow	1	—
Penthouse Drapery	4033 16th Ave SW	SW Idaho St SD	08/02/10	6	1	1															1				1		1				
Pepsi Bottling Group	5300 Denver Ave S	Diagonal SD	05/22/03	6	1	1								1				1							1		1				
Petrocard Systems Inc. Phelps Tire	9014 14TH AVE S 3922 7th Ave S	S 96th St SD Diagonal SD	09/11/13 08/28/03	2 4	1	1				+	-	-	-			1								1	1		1		\rightarrow	-	\dashv
Phelps Tire	3922 7th Ave S	Diagonal SD	05/24/06	7	1	1	1									1								1	1				1		
Phil's Custom Bindery	309 S Cloverdale St	7th Ave S SD	01/23/09	4	1	1	1																			1			=		\Box
Pho Bac IV	1314 S Jackson St 1240 S Jackson St	Diagonal CSO Diagonal CSO	09/17/03 09/17/03	2 1				\vdash	-	+	-	-	-	1		1	-								1			\vdash	\rightarrow	-	\dashv
Pho Nuong	2826 Martin Luther King Jr Wy S	Diagonal SD	11/12/03	5	1	1	1																		1				1		
Photographic Center Northwest	900 12th Ave	Diagonal CSO	03/11/04	1				1																					\Box		\Box
Pike Brewing Co.	6725 EAST MARGINAL WAY S	S Brighton St SD	12/24/13	4	1	1	1																	1							

Note: Businesses listed in alphabetical order				Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name Address	Outfall	Date	CA Count		SPILL		ll ll	ND WAS	TE						S1	FORMV	VATER								HAZ	ARDOUS	S WAS	E
Pil 0	0.0:	00/07/07				_		-																				
Pile Contractors, Inc. 150 S River St Pioneer Human Services 7440 W Marginal V	S River St SD / S 2nd Ave S SD	03/07/07 11/05/07	5 4	1	1	1														1			1					1
Pioneer Human Services 7440 W Marginal V		01/10/13	3	·										1					1		1							
Pioneer Industries 7000 Highland Par		11/03/09	7	1		1								1				1					1				1	1
Pioneer Industries 7000 Highland Par		09/14/12	4							1				1											1		1	
Plantscapes Horticultural Services 1127 POPLAR PL	U .	08/26/03	11	1	1	1		-				1		1		1				1			1			1	1	1
Plantscapes Horticultural Services 1127 POPLAR PL	O .	06/20/07	5					-				1		1	1	1	-			1		1	1			-	1	1
Plantscapes Horticultural Services 1127 POPLAR PL Plantscapes Horticultural Services 1127 POPLAR PL		03/17/11 11/24/14	5 2					-				+	\vdash	1		1		-		1		1					1	1
Plymouth Poultry 4500 7th Ave S	Diagonal SD	06/04/03	4	1	1	1										•							1					
Plymouth Poultry 4500 7th Ave S	Diagonal SD	08/13/09	3		1	· ·						1				1												
Plymouth Poultry 4500 7th Ave S	Diagonal SD	10/01/13	4													1			1		1		1					
PNP Properties LLC 860 S Cambridge S		01/25/12	11															1										
Polar Supply Sub Lease Area 6000 WEST MARC		06/23/06	1																				1					
Pollos A La Brasa 900 RAINIER AVE Porbug 820 S CHARLEST		09/06/13 12/29/03	<u>4</u> 5	1	1	1		-										1					1		1		1	
Pork Chop Screen Printing 3706 AIRPORT W.	U .	05/16/14	8	'	2	2												-							2		2	
Portable Sheds of America 7510 5th Ave S	7th Ave S SD	04/22/09	6	1	1	1				1															1		1	
Portable Sheds of America 7510 5th Ave S	7th Ave S SD	10/24/13	7	1		1				1				1		1					1	1						
Precision Welder & Engine Repair 4429 Airport Wy S	Diagonal SD	12/18/07	3	1								1													1			
Precision Welder & Engine Repair 4429 Airport Wy S	Diagonal SD	08/05/10	3					-		٠.						1						4	1				_	1
Precision Welder & Engine Repair 4429 Airport Wy S Presbytery of Seattle 1625 S COLUMBIA	Diagonal SD I WAY Diagonal SD	03/12/14 05/19/03	2				1	+		1				-	-	-						1	1		1	_	1	
Prince Telecom 4323 AIRPORT W.		03/12/14	4	1	1	1																	1		' '			
Pro Express Inc. 4800 DENVER AV	O .	03/18/03	5		1							1											1				1	1
Pro Sweep 401 S WEBSTER :		12/11/07	4	1	1	1										1												
Professional Marketing Group 912 Rainier Ave S	Diagonal SD	08/06/03	1					-						-		_							1				_	
Promenade 23 Shopping Center 2301 S Jackson St	Diagonal SD	08/27/03	1 7		4	4		-			4			-	_	4		-			4	_	1			_	_	
Promenade 23 Shopping Center 2301 S Jackson St Promenade 23 Shopping Center 306 23rd Ave S	Diagonal SD Diagonal SD	01/05/11 08/08/03	7 1	1	1	1		+			1				-	1		-			1	_	1			_	_	
Promenade Red Apple Market 2301 S Jackson St	Diagonal SD	08/27/03	3		1									1											1			
Promenade Red Apple Market 2301 S Jackson St	Diagonal SD	01/05/11	4							1				1		1					1							
Public Storage - MLK WY S 10020 M L KING J		10/31/05	1																				1					
Public Storage - MLK WY S 10020 M L KING J		10/03/13	2		4			-									4	1					1					
Puget Sound Coatings 9220 8th Ave S Puget Sound Coatings 9220 8th Ave S	S 96th St SD S 96th St SD	01/17/07 09/20/12	8 2	1	1			+			1		1	1	-	1	1				1		1			_	1	
Puget Sound Energy 6500 Ursula Ave S	Duwamish (NEC) CSO	05/27/04	5	1	1	1															-		1				1	
Puget Sound Foot & Ankle Center 600 Broadway	Diagonal CSO	03/30/04	1																						1			
Puget Sound Industry Services 4429 AIRPORT W.		07/23/03	8	1	1	1	1				1			1			1						1					
Puget Sound Industry Services 4429 AIRPORT W.		11/22/05	4	1	4			-		1				1		-							1				-	
Puget Sound Industry Services 4429 AIRPORT W. Puget Sound Solar 805 RAINIER AVE		12/18/07 08/02/13	6 4	1	1	1		+		1				1	-	-							1			_	1	1
Puget Sound Truck Lines 7303 8TH AVE S	Duwamish East Direct	11/29/07	9	1	1					1				1								1	1				1	1
Puget Sound Truck Lines, Inc. 3720 Airport Wy S	Diagonal CSO	07/15/03	1											-									1					
QFC #849 2707 Rainier Ave S	Diagonal SD	10/21/03	2	1														1										
QFC #849 2707 Rainier Ave S	Diagonal SD	10/01/10	7	1	1	1				1		1									1		1					
QFC #849 2707 Rainier Ave S Quan P. Le, M.D. 4069 Rainier Ave S	Diagonal SD Diagonal CSO	09/19/12 02/04/04	<u>4</u> 1		1			-		1				1			_				1		1					
Queen Anne Upholstery 1414 S Director St	S 96th St SD	07/10/12	6	1	1	1		+			1							1					'		1			
Quorum Property Management 807 RAINIER AVE		09/10/13	1	·																			1					
Qwest 1313 E Columbia S	Diagonal CSO	03/16/04	2											1													1	
Radio Hart's 5303 Rainier Ave S	Diagonal CSO	01/27/04	3																				2		1			
Railworks Comstock 6533 3rd Ave S	S River St SD	09/25/08	2	1		1		-			<u> </u>		\vdash	-	-	-	\rightarrow							_		1	4	
Rainier Ave Chevron 2802 Rainier Ave S Rainier Ave Chevron 2802 Rainier Ave S	Diagonal SD Diagonal SD	10/10/03 07/12/07	3		1			+				+	\vdash	-		-	-						1	+	1	1	1	1
Rainier Ave Chevron 2802 Rainier Ave S	Diagonal SD	11/08/10	4					1								_		-			1						1	1 1
Rainier Commons LLC 3100 Airport Wy S	Diagonal SD	03/29/12	5											1				$\overline{}$	1		1							1
Rainier Development Group LLC 2021 22ND AVE S	Diagonal SD	09/17/14	3	1																								
Rainier Grocery Outlet 2901 27th Ave S	Diagonal SD	10/27/03	6	1	1							\perp											1			1		
Rainier Grocery Outlet 2901 27th Ave S	Diagonal SD	10/30/07	5	1	1	1								1											1			

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DBA Name	Address	Outfall	Date	CA Count		SPILL		ı	ND WAS	STE						s	TORMV	VATER								HAZ	ARDOU	JS WAST	Έ	
Rainier McDonald's #435	2336 25th Ave S	Diagonal SD	10/30/03	1								-	-			-	-							1			-	\rightarrow		4
Rainier McDonald's #435	2336 25th Ave S	Diagonal SD	12/10/10	6	1	1	1						1						1					1				\rightarrow		\dashv
Rainier Pacific Management	4714 Rainier Ave S	Diagonal CSO	03/31/04	1																				1						
Rainier Plaza #2 LLC	2707 Rainier Ave S	Diagonal SD	10/01/10	2															1					1				\Box		_
Rainier Valley Cultural Conter	4236 36th Ave S 3515 S Alaska St	Diagonal CSO	03/10/04 02/10/04	1 1					-			-	-			\rightarrow	\rightarrow				\vdash			1	+	-		\rightarrow	-	\dashv
Rainier Valley Cultural Center Rainier Veterinary Hospital	815 Rainier Ave S	Diagonal CSO Diagonal SD	02/10/04	1					+			+	+		-	-	-		-		\vdash			1			\rightarrow	+	+	-
Ralph's Concrete Pumping	1511 Rainier Ave S	Diagonal SD	12/12/03	2									2																	
Ralph's Concrete Pumping	1511 Rainier Ave S	Diagonal SD	03/11/11	3		1					1													1						
Ralph's Concrete Pumping	1511 Rainier Ave S	Diagonal SD	07/16/13	4			1				1				1									1						_
Ralph's Concrete Pumping	816 Poplar PI S	Diagonal SD	08/12/03	6 6	1	1	1		-		1	-	2		1	-	-				1	1		1				1		_
Ralph's Concrete Pumping Ralph's Concrete Pumping	816 Poplar PI S 816 Poplar PI S	Diagonal SD Diagonal SD	03/11/11 07/02/13	9	1	'	1				1	+			1	-						1	1	1				1	1	_
Rasmussen Equipment Co.	8727 5th Ave S	7th Ave S SD	02/12/08	5	1		1																•		1	1		1		_
Rasmussen Equipment Co.	8727 5th Ave S	7th Ave S SD	09/20/12	5				1		1		1			1									1						
ReBinder.com	6779 E Marginal Wy S	S Brighton St SD	08/20/09	4	1		1	1																						_
Recession Auto Repair	2702 S Lander St 851 RAINIER AVE S	Diagonal SD Diagonal SD	02/08/05 08/14/03	3 4	1	1	1		-			-						-						1				\rightarrow		_
Recycling Depot Recycling Depot	851 RAINIER AVE S	Diagonal SD	02/04/09	2		- '	<u>'</u>		+				1		1		_							- '				+	_	_
Recycling Depot	851 RAINIER AVE S	Diagonal SD	10/01/10	7	1		1				1					1				1			1					$\overline{}$	$\overline{}$	
Red Soul	3433 AIRPORT WAY S	Diagonal SD	10/29/14	3	1	1	1																							
Redox Inc.	7800 7th Ave S	7th Ave S SD	09/14/09	5	1	1	1													1						1				_
Reed Aviation	8490 Perimeter Rd S	Slip 5 KCIA SD #2	10/04/04	1	1				-			-			-	-	1							4				\rightarrow		_
Refrigeration Supplies Distributor Total Control Reliable Auto Parts (TUKWILA)	625 S Industrial Wy 4345 S 104th PI	Diagonal SD Norfolk SD/CSO/EOF	01/11/12 12/10/07	2 2	1												1							1				\rightarrow	1	-
Reliance Fire Protection	3706 Airport Wy S	Diagonal SD	07/30/03	4		1	1						1															\rightarrow		
Remo Borracchini's Bakery	2307 Rainier Ave S	Diagonal SD	10/23/03	1																				1						
Remo Borracchini's Bakery	2307 Rainier Ave S	Diagonal SD	12/10/10	4							1								1			1		1						
Renaissance	5212 6TH AVE S	Diagonal SD Norfolk SD/CSO/EOF	05/15/03	6	1	1	1		-			-	1		1		-				4			1					1	_
Renato's Auto Rent-A-Center	9830 Martin Luther King Jr Wy S 2301 S JACKSON ST	Diagonal SD	04/14/11 08/05/03	7 2	1	1	1		_				1		1						1					1		1	1	-
Resolute	4660 Ohio Ave S	Diagonal SD	11/16/11	3	1	1	1						<u> </u>													 ' 		\rightarrow		
Rex's Service	5059 Wilson Ave S	Diagonal CSO	02/09/04	3	1		1																	1						
Richlen's Mini-Mart/76 Gas Station	2220 E Union St	Diagonal CSO	03/10/04	4	1		1																	1						
Richlen's Mini-Mart/76 Gas Station	2220 E Union St	Diagonal CSO	08/12/10	4	1	1	1		-			-			4	-	-							1		4		\rightarrow		_
Rite Aid #5224 Rite Aid #5224	2707 Rainier Ave S 2707 Rainier Ave S	Diagonal SD Diagonal SD	10/20/03 10/01/10	3 4	1	1	1		1			+	-		1	-	-				\vdash	1				1	-	+		\dashv
Robert Grenley, M.D.	600 Broadway Ave	Diagonal CSO	04/02/04	1	i i		<u> </u>																			1		$\overline{}$	$\overline{}$	
RockTenn Recycling & Waste Solutions	4050 E Marginal Wy S	Diagonal SD	08/02/11	4	1									1	1					1										
Rogers Machinery Co.	7800 5th Ave S	7th Ave S SD	02/12/08	4	1	1	11					-				_													1	_
Rogers Machinery Co. Rosella's Fruit and Produce Co, Inc.	7800 5th Ave S 6731 E Marginal Wy S	7th Ave S SD S Brighton St SD	05/07/12 04/15/09	7 3	1	1	1	1	1			-				-								1		1		1	1	_
Rosso Gardens	6404 Ellis Ave S	Duwamish (NEC) CSO	08/06/09	7		<u> </u>	1	1																	1	1	1	1	1	
Royal Glass Co., Inc.	1216 S Weller St	Diagonal SD	08/19/03	2																				2						
Ruan Transportation	4058 Rainier Ave S	Diagonal CSO	02/18/04	7		1	11				1				1							1					1	1		
Safari Exports Safelite Auto Glass	3655 EAST MARGINAL WAY S 4005 6TH AVE S	Diagonal SD Diagonal SD	01/24/14 12/20/12	3 1	1	1			-			-					1	-						1				\rightarrow		_
Safelite Glass Corp.	665 S Dakota St	Diagonal SD	06/23/03	5	1	1	1					+	1				-							1				\rightarrow	-	_
Safelite Glass Corp.	665 S Dakota St	Diagonal SD	05/15/08	2	1																			1						
Saigon Viet Nam Deli	1200 S Jackson St	Diagonal CSO	03/16/04	5	1	1	1															1				1		\Box		
Saint Gobain Containers	5801 E Marginal Wy S	Duwamish East Direct	06/03/08	5	1	1					1	-	-	\vdash	1				4							+-		1	-	\dashv
Saint Gobain Containers Sam Perkins	5801 E Marginal Wy S 720 S ORCHARD ST	Duwamish East Direct S Myrtle St SD	08/31/10 11/14/05	4 1		1					1	+	-		1		-		1		\vdash					+		1	-	-
Samson Tug and Barge	6361 1st Ave S	Duwamish East Direct	07/28/08	5	1				+	1		+	_			\rightarrow	\rightarrow			1	\vdash			1			-	-+	1	\dashv
Samson Tug and Barge	6361 1st Ave S	Duwamish East Direct	11/14/13	3	1	1																1								
Samson Tug and Barge	7400 8TH AVE S	Slip 4	06/24/08	9	1	1	1								1								1	1		1		_	1	
Samson Tug and Barge	7553 Detroit Ave SW	1st Ave S SD-west	09/28/10	4	1										1						1							1		_
San Gennaro Foods	9620 M L KING JR WAY S	Norfolk SD/CSO/EOF	11/17/05	2		4			-			+	-			-			1	1	\vdash			1				\rightarrow	-	_
Schooner Exact Brewing Co. Schubert Floorcovering Co.	3901 1st Ave S 8305 7th Ave S	Diagonal SD 7th Ave S SD	10/11/10 10/19/09	5 5	1	1		1	_				-				-			- 1	\vdash	1		1			-	\rightarrow		\dashv
Conduct Floorcovering Co.	5500 7117NVE U	, III AVC O OD	10/13/03	<u> </u>	<u> </u>	-										1						-						$\overline{}$		_

Note: Businesses listed in alphabetical order					and implement spill response res	or purchase adequate spill response	educate employees	proper permit for facility discharge	ent pretreatment for discharge	pretreatment system	nd eliminate leaks and spills from areas	llicit connection	scharge process wastewater to	int proper fueling operations	ent proper housekeeping	ent proper material transfer practices	ent proper washing practices	orm drain facility parts accessible	or damaged components to storm ility need repla	VPDES permit for discharge	perform maintenance of vehicles and	store containerized materials	store non-containerized materials	rain facility needs to be cleaned	designate waste	dispose of waste	document waste disposal	store product/waste	y label Containers or replace degraded open chemical	SIS
					Develop	Improve	Properly	Obtain	Impleme	Maintain	Clean ar	Correct	Don't dis	Impleme	Impleme	Impleme	Impleme	Make st	Missing drain fac	Obtain N	Properly equipme	Properly	Properly	Storm dr	Properly	Properly	Properly	Properly	Properl Repair	containe
DBA Name	Address	Outfall	Date	CA Count		SPILL		<u> </u>	ND WAS	TE							STORM	WATER								HAZ	ARDOUS	3 WAST	E	
Schuchart Corp.	530 S Holden St	7th Ave S SD	11/16/09	3	1							\perp					1					1					_+	+	_	_
Schwartz Brothers Bakery Seattle	619 S Nevada St	Diagonal SD	10/21/11	4			1				1								1	1							\Rightarrow	二	ightharpoons	
Schwartz Brothers Bakery Seattle	619 S Nevada St	Diagonal SD	11/22/13 02/26/14	<u> </u>	1	1	4	\perp	-			-	-	-										1	+		\rightarrow	+	-+	_
Scientific Supply & Equipment Inc. Scientific Supply & Equipment, Inc.	619 S Snoqualmie St 926 POPLAR PL S	Diagonal SD Diagonal CSO	02/26/14	3	1	1 1	<u> </u>		+			+												1			\rightarrow	1	+	\dashv
SCS Refrigerated Services	303 S River St	S River St SD	03/06/09	6	1	1	1												1					1			\perp		1	
Sea Pac Transport Services LLC	3544 W Marginal Wy SW	T115/Kenny SD	10/05/06	6	1	1	1			\vdash					1								1	1			$=$ \mp	\perp	$ \square$	_
Sea Pac Transport Services LLC Seafreeze	3544 W Marginal Wy SW 7245 W Marginal Wy SW	T115/Kenny SD 1st Ave S SD-west	06/17/14 07/16/09	2 2	1	1			+		1	+-	-	-										1	1		+	+	-+	-
Seafreeze Cold Storage	206 SW Michigan St	Highland Park Way SD	09/26/12	3	<u> </u>	'								1	1				1					1	+		+	+	$\overline{}$	\neg
Sealant Specialists	4621 Airport Wy S	Diagonal SD	05/20/03	4	1	1																						1		
Sealant Specialists	4621 Airport Wy S	Diagonal SD	06/29/10	4 4	4	-	1		-			-	_	-	1											1	-+	-+	\rightarrow	
Seapine Brewing Co. Seaport Food Mart	3828 4TH AVE S 7801 Detroit Ave SW	Diagonal SD 2nd Ave S SD	08/29/14 09/24/10	6	1	1 1	1		+	1									1	1				1			-+	\rightarrow	\rightarrow	_
Seaport Food Mart	7801 Detroit Ave SW	2nd Ave S SD	09/12/14	5	1	1					1						1							1						
Seaport Petroleum	7800 Detroit Ave SW	1st Ave S SD-west	02/07/11	12		1	1				1			1	1	1	1			1		1		1		1			1	
Seaport Petroleum Seaport Petroleum	7800 Detroit Ave SW 7800 Detroit Ave SW	1st Ave S SD-west 1st Ave S SD-west	01/26/12 12/06/13	5 9	1	1			-		1	-		1	1	1						1				1		1	1	
Sears Service Center	4786 1ST AVE S	Diagonal SD	03/21/03	6	1	-	1		+			+		-	'	- 1						1		1				1	-	
Sears Service Center	4786 1ST AVE S	Diagonal SD	07/13/12	2											1									1						
Sears Service Center	4790 1st Ave S	Diagonal SD	07/13/12	4						1		-	_	-	1									1		1			-	
Sears Service Center Seatac Marine Services LLC	4790 1st Ave S 6701 FOX AVE S	Diagonal SD S Brighton St SD	09/19/14 04/23/09	4 7		1	1		-		1	+	_		1 1				1					1				1	1	1
Seatac Marine Services LLC	6701 FOX AVE S	S Brighton St SD	06/14/12	4											1				1			1						1		_
Seattle Automotive Distributing, Inc.	1264 S King St	Diagonal CSO	03/15/04	1																				1						
Seattle Barrel	4621 AIRPORT WAY S	Diagonal SD	03/07/14	1											4							1		1			\rightarrow	\rightarrow	_	
Seattle Barrel Company Seattle Barrel Company	4520 7th Ave S 4716 Airport Wy S	Diagonal SD Diagonal SD	06/30/03 06/03/03	3 	1	1	1		+		1		1		1	1	1					1					-+	\rightarrow	1	_
Seattle Barrel Company	4716 Airport Wy S	Diagonal SD	08/02/06	9	1	1				1	1		1		1	1											-	-	-	
Seattle Barrel Company	4716 Airport Wy S	Diagonal SD	09/10/08	9	1						1		1		1										1	1	1	1	1	
Seattle Barrel Company Seattle Boiler Works Inc.	4716 Airport Wy S 500 S MYRTLE ST	Diagonal SD Duwamish East Direct	02/09/09 11/13/13	2		1			-			1	1				1											-	-	
Seattle Cabinet & Design LLC	6533 3rd Ave S	S River St SD	11/13/13	3	1	1	1		+			-															-+	-	+	
Seattle Central Community College - Wood Technolog	g) 2310 S Lane St	Diagonal SD	01/25/13	6	1	1									1									1				1	二	
Seattle Children's Play Garden	1745 24TH AVE S	Diagonal SD	06/12/14	2					-			-	1				1										\perp	\perp		
Seattle City Light Seattle City Light	3613 4th Ave S 3613 4th Ave S	Diagonal SD Diagonal SD	05/07/03 03/03/09	2							-	+	_	1			1		1	-				1	+		+	+	1	-
Seattle City Light	3613 4th Ave S	Diagonal SD	07/31/12	1	1																									
Seattle Curtain	104 12th Ave	Diagonal CSO	03/01/04	1																				1				\Box		
Seattle DOT Supply lim	6701 E Marginal Wy S	S Brighton St SD	03/18/09	1	1		4		+			+-	_	1										1	1			+	\rightarrow	_
Seattle DOT - Sunny Jim Seattle DOT - Sunny Jim	4200 Airport Wy S 4200 Airport Wy S	Diagonal SD Diagonal SD	05/30/03 05/07/08	2	1		1		+			+		+	1					-						 	-+	+	\rightarrow	\dashv
Seattle Farm Co- Operative	1817 S Jackson St	Diagonal SD	03/09/12	5	1	1	1								1									1						
Seattle Forging & Tool Inc.	218 S Holden St	Trotsky Inlet	11/19/07	11	1																						=		=	
Seattle Goodwill Seattle Goodwill	1400 S Lane St 1400 S Lane St	Diagonal SD Diagonal SD	08/15/03 11/28/07	5 12	1	1	1					-	1	1	1		1					1	1	1	1	1		1	1	-
Seattle Goodwill	1400 S Lane St	Diagonal SD	07/15/11	6		1			+		1	+	1	- '	1							1	1			'		1		1
Seattle Goodwill	1400 S Lane St	Diagonal SD	05/01/14	6	1										-		1			1				1		1		1		
Seattle Granite Countertops	4700 Ohio Ave S	Diagonal SD	07/25/08	5	1	1	1								1	1														
Seattle Granite Countertops Seattle Habitat for Humanity	4700 Ohio Ave S 21 S Nevada St	Diagonal SD S Nevada St SD	02/19/09 10/26/11	3	1				+			+	1	+	1					-					1		-+	1	1	\dashv
Seattle Housing Authority - Housing Operations Facili		Diagonal SD	04/03/13	3													1	1				1			1		-+	-+	-	\dashv
Seattle Iron & Metals Corp.	601 S Myrtle St	S Garden St SD	01/30/09	4	1										1							1	1							
Seattle Iron And Metals Truck Parking	730 S Myrtle St	S Myrtle St SD	03/14/12	6	1		1				1				1							1					$\overline{}$	1	\perp	
Seattle Lighthouse for the Blind Foundation Seattle Lighthouse for the Blind Foundation	2501 S Plum St 2501 S Plum St	Diagonal SD Diagonal SD	10/24/03 09/26/07	7 6	1	1	1	1	+			+	_		1	1	1		1	-	1			1	1		-+	1	+	\dashv
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	08/11/09	5	1		- 1		+						1	'					'			1	1	1		1	-	\dashv
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	05/24/12	3							1															1	=	1		
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal SD	06/18/14	2				1			1	-	_	1											-		-	\rightarrow	-	_
Seattle Lighting Fixture Co Distribution Center	3800 1st Ave S	Diagonal SD	03/20/03	1																						1				

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from	storage areas	Correct illicit connection Don't discharge process wastewater to	drain	Implement proper fueling operations Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		I	ND WAS	il E							STOR	IWAIL	K							HAZ	ARDOUS	WASI	-
Ocatile Barks Bart Official Heatingham Ocates	4000 O Delecte Ot	D:I 000	00/00/00	4					-			-	_				_		-					4					
Seattle Parks Dept - Citywide Horticulture Center Seattle Parks Dept - Medgar Evers Pool	1600 S Dakota St 500 23rd Ave	Diagonal CSO Diagonal SD	06/30/03 11/04/03	1 4	1	1	1					+				+	_							1					1
Seattle Public Library	2821 Beacon Ave S	Diagonal SD	12/20/04	1		•																1							
Seattle Public Utilities - Paint Shop	3641 2ND AVE S	Diagonal SD	03/14/03	1																				1					
Seattle Radiator Works	5011 Ohio Ave S	Diagonal SD	04/06/11	4											1									1				1	1
Seattle Schools- Science Materials center	6795 E Marginal Wy S	S Brighton St SD	12/01/10	3	1		11		-			+					-	-	-						_				
Seattle Self Storage	1100 Poplar PI S	Diagonal SD Diagonal SD	08/07/03	3		1	1		-			-	_			-	-		1					1				_	
Seattle Self Storage Seattle University	1100 Poplar PI S 900 Broadway	Diagonal CSO	09/06/12 04/05/04	2 2								-					_	1	1					1					
Seattle University	901 12th Ave	Diagonal CSO	03/11/04	1		1			1			+	-	\neg				<u> </u>									_	\neg	$\overline{}$
Seattle University Engineering Building	900 Broadway	Diagonal CSO	03/11/04	3	1	1	1																						
Seattle Vocational Institute	2120 S Jackson St	Diagonal SD	01/25/13	7	1	1	1			1							1							1				1	
Seattle's Central Bark	838 Poplar PI S	Diagonal SD	08/11/03	1					-			_				-			-							1			
Seattle's Central Bark	838 Poplar PI S	Diagonal SD	07/02/13	3	1	1	1		-			-		_		_								4				_	
Second Use Second Use Building Materials Inc.	3223 6TH AVE S 7953 2ND AVE S	Diagonal SD 1st Ave S SD-west	12/13/12 10/19/09	3	1	1	1					-					_		1					1					
Second Use Building Materials Inc.	8001 5TH AVE S	1st Ave S SD-west	09/11/09	5	1	1	1					+			1									1					
Security Service Northwest, Inc	9640 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	12/22/05	4	1	1	1					\neg		1															
Senior Services - Minor Home Repair	620 S SPOKANE ST	Diagonal CSO	08/21/03	3		1																		1		1			
Service Welding and Machine	1435 S Jackson St	Diagonal SD	09/10/12	5	1		11					+				_								1		1		1	
Servpro Seven Star Mini Mart	1915 21ST AVE S 1917 S Jackson St	Diagonal SD Diagonal SD	01/21/04 11/03/11	3	- 1	1	1	1	+			+	-	_		_	+		1									1	1
SFD - Fire Station # 27	1000 S Myrtle St	Slip 4 Other	08/20/04			-						_												1					
SGM- Strategic Global Mobility	6000 WEST MARGINAL WAY SW	T115/Kenny SD	06/23/06	3	1	1	1					\top																	
SHA - South Operations Facility	7500 Detroit Ave SW	1st Ave S SD-west	06/21/13	2																		1							1
Shell #111	852 Rainier Ave S	Diagonal SD	09/05/03	3	1		1		-			_				-			-					1					
Shell #111 Shell Gas Station	852 Rainier Ave S 2015 E Union St	Diagonal SD	07/09/10	<u>1</u> 3	1	1	1					+					-							1					
Shell Gas Station & Food Mart	6200 Corson Ave S	Diagonal CSO Duwamish (NEC) CSO	03/10/04 03/11/08	2	- '	1						+		_		_	+											_	
Shell Gas Station & Food Mart	6200 Corson Ave S	Duwamish (NEC) CSO	06/30/09	2	1																			1					
Shiomi and Chinn Investments LLC	1032 S Jackson St	Diagonal CSO	04/15/04	2											1									1					
Show Quality Metal Finishing	1115 S ELIZABETH ST	Slip 4	10/06/04	5	1	1	1					_											1			1			
Show Quality Metal Finishing	1115 S ELIZABETH ST	Slip 4	01/29/08	1 6					-		1	+		_	1	1	-	-	1					4	1			-	
Shultz Distributing Inc. Shultz Distributing Inc.	6851 E Marginal Wy S 6851 E Marginal Wy S	S Brighton St SD S Brighton St SD	01/27/06 08/18/10	4	1	1		1	1	1		-			1	1	_		1					1					
Shultz Distributing Inc.	6851 E Marginal Wy S	S Brighton St SD	02/06/12	1		<u> </u>			1 .	 		+	-	1													_	\neg	$\overline{}$
Shultz Distributing Inc./Galvin Flying	1495 S Hardy St	Slip 4	03/15/05	4	1	1	1																	1					
Shultz Distributing Inc./Galvin Flying	1495 S Hardy St	Slip 4	05/22/07	2	1	\Box					1			_														.	\perp
Skeeter's Auto Rebuild, Inc. Skeeter's Auto Rebuild. Inc.	2104 S Plum St	Diagonal CSO Diagonal CSO	02/03/04	5 	1	1 1	1		-			+		1		+	1	-						1				1	
Skyline Electric & MFG. Company	2104 S Plum St 3619 7th Ave S	Diagonal SD	03/26/09 12/01/03	5	1	1						+		1		_	1						1	- '				1	
Skyline Electric & MFG. Company	3619 7th Ave S	Diagonal SD	05/21/14	1		·																		1				-	
Skyline Pacific Northwest	4105 AIRPORT WAY S	Diagonal SD	01/17/13	3	1	1	1																						
SME Electrical Contractors	828 Poplar PI S	Diagonal SD	08/11/03	8	1	1	1					_		1	1							1	1	1					
SME Electrical Contractors	828 Poplar PI S	Diagonal SD	08/21/07	2		4			-			+	_	_	- 4	-	_		-					1		1	-	_	
SME Electrical Contractors Smith Berger Marine Inc.	828 Poplar PI S 7915 10th Ave S	Diagonal SD Duwamish (NEC) CSO	01/26/12 02/27/09	3 6	1	1	1		+			+	_	_	1	_	+		-					1				_	1
Snorkel Stove Company	4216 6th Ave S	Diagonal SD	01/27/12	3	1	1			+			_				_	+												-
Sons of Haiti	153 14th Ave	Diagonal CSO	03/12/04	1																				1					
Soreano's Hatfield Plumbing & Heating Co., Inc.	3704 S Ferdinand	Diagonal CSO	01/12/04	1																						1			
Sound Marine and Industrial Services Inc	300 S SULLIVAN ST	1st Ave S SD-west	01/24/14	4	1							_					1		1			1							
Sound Transit LINK Operations and Maintenance Fac		Diagonal SD	06/11/13	2 4	1	1	4		-			+		-	1	+	-	-	-				1			1		_	-
South Paw Screen Printing South Seattle Business Park	309 S CLOVERDALE ST 4634 E Marginal Wy S	7th Ave S SD Diagonal SD	06/25/14 10/14/10	3	1	1	1		+			+	_				+		+							1			-
South Seattle Business Park	4634 E Marginal Wy S	Diagonal SD	07/15/14	4		<u> </u>	•		1		1	+	-	\neg					1			1		1			_	\neg	$\overline{}$
South Seattle Community College	6000 16TH AVE SW	SW Idaho St SD	06/06/11	10	1	1	1					-	1		1		1		1			1		1		1			
South Seattle Community College	6000 16TH AVE SW	SW Idaho St SD	04/24/14	3															1			1		1					
Southern Wine and Spirits	4101 1ST AVE S	Diagonal SD	07/03/13	5		1			-			-		_		1			-			1				-		4	
Special Asphalt Products Inc Special Asphalt Products Inc	9243 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	12/01/05 09/02/10	6 8	1	1	1		+			-	-		1	1	-		1	1	-	1		1		1	-	1	
орестат Авриан гтойиств пис	9243 Martin Luther King Jr Wy S	NOTION SD/CSO/EOF	09/02/10	ŏ							1				1	1 1			<u> </u>	1	1	1		1		1			

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAS	TE						S	TORM	NATER								HA	ZARDO	US WAS	TE
Speedeelube	9637 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	01/11/12	2		\vdash			_	-		-				-	-		-		\vdash		$-\overline{1}$	$\vdash \vdash \vdash$		_		1	
Speedeelube Speedway Collision Service Center	1801 Rainier Ave S	Diagonal SD	10/01/10	6	1	1	1						_		1		1									1		1	
Spencer Technologies	701 16th Ave	Diagonal CSO	03/16/04	1																				1					
Sprague Pest Solutions	1136 Poplar PI S	Diagonal SD	08/27/03	2																				1				1	
Sprague Pest Solutions	1136 Poplar PI S	Diagonal SD	04/03/13	1 1	4				-						-									1		-			
SPU South Transfer Station SPUD.com	8100 2nd Ave S 8 S IDAHO ST	1st Ave S SD-west Diagonal SD	06/10/05 05/10/11	2	1				+			+	+			-	-		1					1		+			-+
SSCC - Aviation Department Hangar (TUKWILA)	8900 E Marginal Wy S	Slip 5 KCIA SD #2	08/11/04	3	1	1	1																						
Stan's Hamburgers	828 RAINIER AVE S	Diagonal SD	09/03/03	4	1		1															1		1					
Stan's Hamburgers	828 RAINIER AVE S	Diagonal SD	07/12/07	4	1	1	1	\square	-			-	-											1		-			
Star Laundry Starbucks Coffee Company	160 12th Ave 2921 Martin Luther King Jr Wy	Diagonal CSO Diagonal SD	02/27/04 10/13/03	2	1	1	1	+							1									1				1	
Starbucks Coffee Company	2921 Martin Luther King Jr Wy 2921 Martin Luther King Jr Wy	Diagonal SD	01/14/11	4	1	1	1								-									1					-
Starline Inc	9801 M L KING JR WAY S	Norfolk SD/CSO/EOF	06/11/10	3	1																		1	1					
Starline Inc	9801 M L KING JR WAY S	Norfolk SD/CSO/EOF	07/21/14	2		1																	1						
Startube (TUKWILA) Steel Toe Studios	8900 E Marginal Wy S	Slip 5 KCIA SD #2	08/11/04	3	1	1	1	\vdash	-			-			_											-			
Steeler Inc	5020 Ohio Ave S 10023 M L KING JR WAY S	Diagonal SD Norfolk SD/CSO/EOF	09/21/09 09/30/05	3 8	1	1	1	++-			1				1							1		1		1		1	
Steeler Inc	10023 M L KING JR WAY S	Norfolk SD/CSO/EOF	05/12/11	8		<u> </u>					1				1		1		1	1		1	1	1				·	
Steeler Inc	10023 M L KING JR WAY S	Norfolk SD/CSO/EOF	10/09/14	5							1				1								1	1				1	
Stella Color	620 S Dakota St	Diagonal SD	12/10/10	3	1	1	1					-																-	
Stewart Industries Stewart Lumber Co.	16 S IDAHO ST 1761 Rainier Ave S	Diagonal SD Diagonal SD	03/26/03 12/23/03	2 6	1	1	1	++-											1					1				1	
Stone Fly Design	4660 E Marginal Wy S	Diagonal SD	03/19/03	2	- ·																					1	1		$\overline{}$
Stusser Electric Co.	660 S Andover St	Diagonal SD	07/02/03	4	1														1					1			1		
Stusser Electric Co.	660 S Andover St	Diagonal SD	12/05/08	5	1	1	1					-					1							1					
Summit Radiology Summit Radiology	861 Poplar PI S 861 Poplar PI S	Diagonal SD Diagonal SD	08/20/03 08/07/13	1 4	1	1	1	+	-				_											1		-			-
Sun Food Trading Co.	4715 6th Ave S	Diagonal SD	05/19/03	7	1	1	1						1				1							1		1			
Sun Food Trading Co.	4715 6th Ave S	Diagonal SD	10/17/07	4	1		1																			1			
Sun Food Trading Co.	4715 6th Ave S	Diagonal SD	09/05/12	3				\vdash				1	1		-		1									-			
Sun Food Trading Co.	4715 6th Ave S	Diagonal SD	04/04/14	2 2				\vdash							1							1		1					
Sun Sun Oriental Food Co. Sun Sun Oriental Food Co.	1328 S Weller St 1328 S Weller St	Diagonal SD Diagonal SD	08/19/03 10/26/11	2											1							- '-		1					-
Sunfresh Foods Inc.	125 S KENYON ST	1st Ave S SD-west	10/24/13	3	1	1	1								-														
Super Saver Furniture	4208 Rainier Ave S	Diagonal CSO	02/12/04	11																				1					
Superior Imprints Inc. Svendsen Brothers Fish Company	4226 6th Ave S 745 S MYRTLE ST	Diagonal SD S Myrtle St SD	10/20/11 07/22/08	3 10	1	1		1	-				1		1	1	1			1				1		-			
Svendsen Brothers Fish Company	745 S MYRTLE ST	S Myrtle St SD	02/10/12	4	<u> </u>	'	- 1	1 1 '			1		1		1	-	-							1					-
Swan Net, LLC	8300 Military Rd S	Norfolk SD/CSO/EOF	01/10/12	3	1	1	1																						
Swedish Family Medicine	1401 Madison St	Diagonal CSO	06/04/04	1					-															1		-			
Swedish Medical Center T & T Truck and Trailer Repair	801 Broadway 5300 1st Ave S	Diagonal CSO Duwamish (NEC) CSO	04/08/04 06/10/05	1 10	1	1	-1	+			1				1						1	1	1					1	1
T H Seafood	7901 2nd Ave S	2nd Ave S SD	02/05/10	5	1		1	1			- '				- '		1						- '						
Taco Time	2212 Rainier Ave S	Diagonal SD	01/19/11	4	1	1	1																	1					
Tacos El Asadero	3513 Rainier Ave S	Diagonal CSO	02/09/04	11																				1					
Takisaki Inc. Taqueria Latino	1312 S Weller St 2524 16TH AVE S	Diagonal SD Diagonal SD	08/13/03 08/22/13	<u>1</u> 3	1	1	- 1		-			-							1							-			
Taras Trucking	6000 WEST MARGINAL WAY SW	T115/Kenny SD	07/24/06	2	1	1		+	_				_													_			$\overline{}$
Taxi King	720 S Orchard St	S Myrtle St SD	11/14/05	3	1	1	1																						
Taxi King	720 S Orchard St	S Myrtle St SD	07/22/08	6	1	1														1						1			1
Taxi King	720 S Orchard St	S Myrtle St SD	01/24/12	9 7	1	1	1	\perp	-		1	-	-		1					1	1	1		1	-	-	1	1	
Tea Garden Ted's Auto Repair	708 Rainier Ave S 1622 E YESLER WAY	Diagonal SD Diagonal SD	11/18/11 09/24/03	9	1	1		1	_		1	1	1		1						1	1	1	-		+		1	
Ted's Auto Repair	1622 E YESLER WAY	Diagonal SD	08/09/07	8	1						1				1						1		1					1	
Thai Hung Auto Repair	509 RAINIER AVE S	Diagonal SD	11/04/03	2																				1		1			
The Boiler Room	3828 4th Ave S	Diagonal SD	03/31/03	4	L .	1	1																					1	1
The Boiler Room The Color Group	3828 4th Ave S 1407 S Dearborn St	Diagonal SD Diagonal SD	09/18/12 08/14/03	2 2	1				-			-	-		-						\vdash			1		+			1
The Corporate Image	4001 1st Ave S	Diagonal SD	09/29/03	3		1	1						_																-
Osiporato illiago	.551 1007140 0	2.agona 02	00,20,00	<u> </u>	<u> </u>						_	-														1			

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain fadility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste		containers
DBA Name	Address	Outfall	Date	CA Count		SPILL			IND WAS	STE							TORM	NATER								HA	ZARDOL	JS WAS	TE	
The Design Garage	7601 5TH AVE S	7th Ave S SD	10/22/13		1				-			-	-							1										_
The Field Roast Grain Meat Co.	1440 S Jackson St	Diagonal SD	10/22/13	6	1	1	1	1												1								1		
The Field Roast Grain Meat Co.	3901 7TH AVE S	Diagonal SD	06/27/14	9							2							2	1	1				2				1		
The Foundry by Herban Feast	4130 1ST AVE S	Diagonal SD	10/23/13	4	1	1	1																	1						
The Gear Works Seattle Inc The January Company	500 S Portland St 9844 40TH AVE S	7th Ave S SD Norfolk SD/CSO/EOF	04/15/08 04/20/12	7	1				-	-	1	1	-		1		1					1	1					1	1	-
The Oak	3019 BEACON AVE S	Diagonal SD	04/20/12	3	1	1	1															- 1						1	-+	-
The Original Philly's	3019 Martin Luther King Jr Wy S	Diagonal SD	03/16/06	4	1	1	1																					1		
The Original Philly's	3019 Martin Luther King Jr Wy S	Diagonal SD	03/20/13	5			1												1			1		1		1			$ \Box$	
The Painters, Inc.	4501 AIRPORT WAY S	Diagonal SD	06/04/03	2	4	4			_			-	1											1				4	-	
The Pepsi Bottling Group The Pepsi Bottling Group	2300 26th Ave S 2300 26th Ave S	Diagonal SD Diagonal SD	01/23/05 08/12/10	3 4	1	1					1	+			1				1									1		
The Pepsi Bottling Group	2300 26th Ave S	Diagonal SD	03/05/13	2	1										1															
The Seattle Indian Services Commission	606 12th Ave S	Diagonal SD	05/08/14	1																				1						
The Shop	740 S Monroe St	7th Ave S SD	06/03/13	6	11	1	1					-			1						1			1					\rightarrow	
Thermal Solutions Tierney Electric Mfg Co	7951 2nd Ave S 7901 7th Ave S	1st Ave S SD-west 7th Ave S SD	12/01/10 08/31/12	<u>2</u> 6	1				_			-	_						1	1				1		1	1	1	1	_
Tiny's Organic	4660 E Marginal Wy S	Diagonal SD	11/10/11	3	1	1	1																	<u> </u>			<u> </u>			
Tire Distribution Systems	6311 Corgiat Dr S	Slip 4	08/27/09	5	1		1				1														1	1				
Tire Distribution Systems	6311 Corgiat Dr S	Slip 4	03/26/14	4	1	1	1					-			1															
Titan Outdoor LLC Top Kitchen and Granite	4636 E Marginal Wy S 1423 S Dearborn St	Diagonal SD Diagonal SD	10/14/10 09/05/06	4 4	1	1 1	1		_			-	1				1												\rightarrow	_
Toth Construction Inc	6506 2nd Ave S	S River St SD	09/25/08	5	1	1	1																	1		1			-	
Tours Northwest	8221 7th Ave S	South Park/Riverside Dr	10/01/09	5	1	1	1					1								1										
Trade Marx Sign and Display	818 S DAKOTA ST	Diagonal SD	01/22/13	2				H.,				-												1					1	
Trade-Marx Sign & Display Corp. Traylor Frontier-Kemper JV	3614 6TH AVE S 9224 Martin Luther King Jr Wy S	Diagonal SD Norfolk SD/CSO/EOF	07/30/03 08/23/11	2 5	1		1	1			1	+		1								1				1				
Triple F Granite and Marble	4660 E Marginal Wy S	Diagonal SD	04/02/03	1				1						<u> </u>								<u> </u>								
True Fabrications	14 S Idaho St	Diagonal SD	09/17/10	3	1	1	1																							
Tru-Line Frame & Wheel	312 Boren Ave S	Diagonal CSO	09/04/03	1								-												1					\rightarrow	
Tryg Winquist Construction Co. Tully's Coffee # 01095	3839 W Marginal Wy SW 3100 Airport Wy S	SW Dakota St SD Diagonal SD	03/03/09 08/17/12	3 3	1	1	1		_			-	_																\rightarrow	_
Tully's Coffee Corporate	3100 Airport Wy S	Diagonal SD	06/17/12	6	1	1																		1			1	1	-	
Tuxedo and Tennis Shoes Catering Inc.	4101 AIRPORT WAY S	Diagonal SD	08/20/14	5	1	1	1															1		1						
Twinline Motorcycles LLC	2106 S Holgate St	Diagonal SD	02/11/10	5	1	1	1					1														1			\rightarrow	
Twinline Motorcycles LLC Two Beers Brewing Co.	2106 S Holgate St 4700 Ohio Ave S	Diagonal SD Diagonal SD	04/24/14 12/15/10	4	1	1	1	1		1		+	_		1							1		1		1			-+	-
Two Beers Brewing Co.	4700 Ohio Ave S	Diagonal SD	04/11/12	6			1	1			1				1					1		1								
U.S. Post Office	3727 S Alaska St	Diagonal CSO	02/11/04	1																				1						
U-Haul Center of Rainier U-Haul Center of Rainier	2515 Rainier Ave S	Diagonal SD Diagonal SD	10/22/03 03/04/09	5 8	2	1	2		-			-	1				2		2	_				1						
Uli's Famous Sausage	2515 Rainier Ave S 4318 6TH AVE S	Diagonal SD	09/25/12	5	1	1	1					+							1	1									-+	_
UltraBlock Inc.	1615 S Graham St	Slip 4	06/16/04	3	1		1																							
Unified Grocers	3301 S Norfolk St	Norfolk SD/CSO/EOF	10/20/05	4	1	1									1				1											
Unified Grocers Unified Grocers	3301 S Norfolk St 3301 S Norfolk St	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	03/19/08 02/17/12	6	1	1			-			1	1		1													1	1	_
Union Pacific Railroad	4700 Denver Ave S	Diagonal SD	06/27/07	2		1						+-	<u> </u>		1														-	
Union Pacific Railroad	5000 Denver Ave S	Diagonal SD	06/27/07	3		1									1						1									
Union Pacific Railroad Argo Yard	402 S Dawson St	Diagonal SD	06/19/03	3							1	-			1								1						\rightarrow	
Union Pacific Railroad Argo Yard Union Pacific Railroad Argo Yard	402 S Dawson St 402 S Dawson St	Diagonal SD Diagonal SD	06/27/07 06/26/13	2 4	1	1				1		1	_	1									1	-				1	-+	-
United Iron Works	7421 5TH AVE S	2nd Ave S SD	12/06/07	5	1		1										1					1							1	
United Iron Works	7421 5TH AVE S	2nd Ave S SD	08/12/10	2											1								1							
United Ocean Seafood Inc.	2209 RAINIER AVE S	Diagonal CSO	11/05/03	2	4	1	4			1			_						1					1						
United Refrigeration Inc. United Rentals	1017 S MYRTLE ST 7135 8th Ave S	Slip 4 S Garden St SD	06/03/13 03/06/09	3 	1	1 1	- 1		_			+			1		1	1		<u> </u>								1	1	-
United Rentals	7135 8th Ave S	S Garden St SD	03/04/11	3											1							1		1						
United Rentals	7135 8th Ave S	S Garden St SD	02/10/12	7									1		1		1			1		1		1					1	
Universal Cuts	3019 Martin Luther King Jr Wy S	Diagonal SD	06/15/06	11			4	1		-		-	-											\vdash				1	-+	-
University of Washington Consolidated Laundry	2901 27th Ave S	Diagonal SD	03/23/04	4	1		1	1				1																1		

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Properly label Containers Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		'	ND WAS	IE						,	STORM	WAIER								HAZA	ARDOUS	5 WASI	E
University of Washington Consolidated Laundry	2901 27th Ave S	Diagonal SD	11/14/13	1	1				-			+	_							_							\rightarrow	\rightarrow	-
Upgrade Auto Service	520 12th Ave S	Diagonal SD	08/15/03	2		2						+															\rightarrow	\rightarrow	
UPS	4455 7th Ave S	Diagonal SD	05/28/03	4									1		1				1					1					
UPS	4455 7th Ave S	Diagonal SD	10/24/12	3	1						1								1										
UPS	4455 7th Ave S	Diagonal SD	03/21/14	1								-												1			\rightarrow	\rightarrow	
Urban Hardwoods Inc	8427 1st Ave S	1st Ave S SD-west	10/19/12	11	_	4	4		-	\vdash		-	-	+			\vdash			4		1				\vdash	\rightarrow	\rightarrow	\rightarrow
Urban Hardwoods Inc. Urban League of Metropolitan Seattle	4755 Colorado Ave S 105 14th Ave	Diagonal SD Diagonal CSO	10/04/12 02/24/04	<u>4</u> 1	1	1	1	\vdash				+	-	-						1				1		\vdash	\rightarrow	\rightarrow	\rightarrow
US Bank	2910 Rainier Ave S	Diagonal SD	01/14/11	1								+												1			\rightarrow	-+	$\overline{}$
US Club House Home & Garden	3810 Airport Wy S	Diagonal CSO	08/28/03	3		1																				1	$\overline{}$	1	
US Printing	6501 E Marginal Wy S	S River St SD	06/10/09	3	1	1	1																						
Utility Inc.	3931 1ST AVE S	Diagonal SD	09/08/04	5	1	1	1						1													1		\Box	
Uwajimaya	4601 6th Ave S	Diagonal SD	10/17/11	2													1							1			_		
V.Van Dyke, Inc.	150 S River St	S River St SD	12/01/06	3		1					1									_				1			\rightarrow	_	_
V.Van Dyke, Inc. Valley Gear & Transmission, Inc.	150 S River St 1543 Rainier Ave S	S River St SD Diagonal SD	03/19/09 10/29/03	5 1					-		1	-		-	1					_		1		1			\rightarrow	1	1
Van Asselt Elementary School	8311 Beacon Ave S	Norfolk SD/CSO/EOF	10/29/05	1								+												1			\rightarrow	-+	$\overline{}$
Vans Metal Spinning	1819 S Jackson St	Diagonal SD	10/14/11	8	1	1	1				1									1		1				1	$\overline{}$	-	1
Verizon Wireless	3440 6th Ave S	Diagonal SD	01/31/12	6	1	1	1								1				1					1					
Versatile Drilling	7201 DETROIT AVE SW	1st Ave S SD-west	08/30/11	2		1											1												
Veterans Administration Medical Center	1660 S Columbian Wy	Diagonal SD	06/16/03	4					1			-												1		1	\rightarrow	1	
Veterans Administration Medical Center Veterans Administration Medical Center	1660 S Columbian Wy 1660 S Columbian Wy	Diagonal SD Diagonal SD	01/10/08 07/06/12	4 1	11				-			1		-			1		1	_				1			\rightarrow	\rightarrow	
Victor's Granite & Marble LLC	4660 E Marginal Wy S	Diagonal SD	11/16/11	6	1	1	1					-	1							1		1					\rightarrow	-+	$\overline{}$
Viet Wah Supermarket	1032 S Jackson St	Diagonal CSO	03/15/04	3	1	1	1						·							· ·							$\overline{}$	-	
Vietnam's Pearl	708 Rainier Ave S	Diagonal SD	08/28/03	3	1	1									1														
Votivo, Ltd.	3450 4th Ave S	Diagonal CSO	08/14/03	3	1	1	1																						
Vy Da	1200 S Jackson St	Diagonal CSO	07/07/04	5	1	1	1		-			_		-									1			1			
W & O Supply Inc W. G. Wright & Associates, Inc.	7745 1st Ave S 301 S Webster St	1st Ave S SD-east 7th Ave S SD	08/30/11 10/16/07	5 1	1	1	1		-			-		-	1		1										\rightarrow	1	
W.G. Clark Construction Co.	7958 Occidental Ave S	2nd Ave S SD	10/16/07	8	1		1		-			+		+			1		1			1		1					1
W.W. Grainger, Inc.	4930 3rd Ave	Diagonal SD	04/17/03	3	1		1										· ·							1			$\overline{}$	$\dot{-}$	
W.W. Grainger, Inc.	4930 3rd Ave	Diagonal SD	08/01/12	4	1	1	1																			1			
WA Air National Guard	6736 Ellis Ave S	Slip 4	07/29/04	1			1																						
Walgreen Store # 03632	2400 S Jackson St	Diagonal SD	11/22/11	3	1	1						-															\rightarrow		
Wall & Ceiling Wall & Ceiling	9830 40th Ave S 9830 40th Ave S	Norfolk SD/CSO/EOF Norfolk SD/CSO/EOF	09/16/05 04/20/12	7 4	1	1	1		-			-		+	1		1		1	_			1	1			\rightarrow	1	
Washington Belt & Drive Systems	4201 AIRPORT WAY S	Diagonal SD	06/16/03	2		1																	<u> </u>	1				-	
Washington Liftruck	700 S Chicago St	7th Ave S SD	05/24/12	4							1				1							1							1
Washington Middle School	2101 S Jackson St	Diagonal SD	09/04/03	2						1														1				\Box	
Washington Middle School	2101 S Jackson St	Diagonal SD	06/11/14	1								-		-			1												
Washington State Department of Social and Health Washington State DOT - Gas Station	3700 9th Ave S	Diagonal CSO Diagonal SD	04/07/04 12/04/03	3	1	1	-1							-					1					1			\rightarrow	\rightarrow	\longrightarrow
Washington State DOT - Gas Station	3700 9th Ave S	Diagonal SD	08/23/07	1	1	'	- 1		_																		+	+	$\overline{}$
Washington State DOT - Gas Station	3700 9th Ave S	Diagonal SD	02/13/14	2	1									1															
Washington State DOT - Signal Shop	3700 9th Ave S	Diagonal SD	12/04/03	3									1										1						1
Washington State DOT - Signal Shop	3700 9th Ave S	Diagonal SD	08/23/07	1																				1			_		
Washington State DOT - Signal Shop Wash's Auto Repair	3700 9th Ave S 5021 Rainier Ave S	Diagonal SD Diagonal CSO	02/13/14 02/05/04	2 2	1		1					-					1										\rightarrow	\rightarrow	\longrightarrow
Waste Management, Inc. Alaska St. Facility	70 S Alaska St	Diagonal SD	02/03/04	1			- 1		-			+		+	1												+	+	
Waste Management, Inc. Alaska St. Facility	70 S Alaska St	Diagonal SD	02/22/13	1	1																						$\overline{}$	-	
Watermark Press	1407 S Dearborn St	Diagonal SD	08/14/03	7	1	1	1			1																1	1		1
Watermark Press	1407 S Dearborn St	Diagonal SD	09/06/07	3	1	1	1																						-
Weingarten Realty	303 24th Ave S	Diagonal SD	05/25/11	1	4	4	4	\vdash	-			+-	_	+							-			1		\vdash	\rightarrow	\rightarrow	\rightarrow
Wendy's Old Fashioned Hamburgers #1556 West Coast Printing	2543 Rainier Ave S 622 Rainier Ave S	Diagonal SD Diagonal SD	01/06/11 08/28/03	5 1		1	- 1					+	-	+			1							1		\vdash	\rightarrow	+	-
West Coast Finding West Coast Wire Rope & Rigging Inc	7777 7TH AVE S	7th Ave S SD	04/25/12	8	1		1							_	1		' '		1					1		1	-+	1	1
West Seattle Radiator Service	4101 W Marginal Wy SW	SW Dakota St SD	03/25/10	7		1		1													1						1		
Westbridge Maintenance Facility	4209 W Marginal Wy S	SW Dakota St SD	05/06/10	5											1		1		1									1	1
Western Metal Products, Inc	7696 Perimeter Rd S	Slip 5 KCIA SD #2	03/29/06	4				$\sqcup \bot$	1						1				1					1			1	\perp	

Note: Businesses listed in alphabetical order					Develop and implement spill response procedures	Improve or purchase adequate spill response materials	Properly educate employees	Obtain proper permit for facility discharge	Implement pretreatment for discharge	Maintain pretreatment system	Clean and eliminate leaks and spills from storage areas	Correct illicit connection	Don't discharge process wastewater to stormdrain	Implement proper fueling operations	Implement proper housekeeping	Implement proper material transfer practices	Implement proper washing practices	Make storm drain facility parts accessible	Missing or damaged components to storm drain facility need repla	Obtain NPDES permit for discharge	Properly perform maintenance of vehicles and equipment	Properly store containerized materials	Properly store non-containerized materials	Storm drain facility needs to be cleaned	Properly designate waste	Properly dispose of waste	Properly document waste disposal	Properly store product/waste	Property label Containers	Repair or replace degraded open chemical containers
DBA Name	Address	Outfall	Date	CA Count		SPILL		IN	ID WAS	TE						5	STORM	WATER	1							HA	ZARDO	US WAS	ΤE	
																													=	
Western Peterbilt Inc.	3707 AIRPORT WAY S	Diagonal SD	07/17/03	2								-	_											1		-	1	\rightarrow		
Western Stud Welding	127 S KENYON ST	2nd Ave S SD	05/30/14	1								-	_				1					_				-	-	\rightarrow		
Western Waterproofing Co., Inc.	4429 Airport Wy S	Diagonal SD	04/20/11	3	1		1					-	-									1				-	-	\rightarrow		
Westward Mobile Park	9685 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	11/18/05	1								-	_											1				$\overline{}$		
WGM Jeweler Company	301 23rd Ave S	Diagonal SD	09/16/03	2		1						-														1	-	\rightarrow		
WHECO Corp	315 S Fontanelle St	2nd Ave S SD	11/14/07	3	1	1						-	_													_		$\overline{}$		
White Glove Desingner Moving & Storage Services	301 S WEBSTER ST	7th Ave S SD	10/15/13	3	1	1	1																					\rightarrow		
Whole Foods Market Distribution Center	4250 E Marginal Wy S	Diagonal SD	08/03/11	2	1		1					-	_													_	-	$\overline{}$		
Whole Foods Markets Select Fish	5980 1st Ave S	Duwamish East Direct	04/15/11	6	1	1	1				1	-	_							1		1				_	-			
Wholesale Transmissions	4527 Rainier Ave S	Diagonal CSO	02/12/04	3	1	1																						1		
Wilcor Grounding Systems	4045 7th Ave S	Diagonal SD	12/14/10	4	1	1	1													1										
Willies Recycling	728 S Monroe St	7th Ave S SD	05/04/12	10	1	1					-	-			1					1	1		1			1		1	1	
Win Lee Motors Inc	9637 M L KING JR WAY S	Norfolk SD/CSO/EOF	12/16/05	4							1	-			1											-	1	1		
Windows 101 LLC	7900 OCCIDENTAL AVE S	2nd Ave S SD	11/22/13	3	1	1	1					-														-	-			
Wings Aloft	8467 Perimeter Rd SE	Slip 5 KCIA SD #2	09/13/04	2	1														4					4				1		
Work Source	2531 Rainier Ave S	Diagonal CSO	06/17/04	2								-							1					1		-	-	\rightarrow		
Workpointe	9877 40th Ave S	Norfolk SD/CSO/EOF	10/13/05	1								-	_						-				4	1		-		\rightarrow		
Workpointe	9877 40th Ave S	Norfolk SD/CSO/EOF	02/26/13	6	1	1	1					-	_						1				1	1		-				
Wright Way Truck Repair	9688 Martin Luther King Jr Wy S	Norfolk SD/CSO/EOF	11/18/05	5	1		1																					1	1	
Xtracted Laboratories 502 Inc.	2021 22ND AVE S	Diagonal SD	09/17/14	3	1		1								4		1				1					1			4	
Y&M Auto Repair	2114 22ND AVE S	Diagonal SD	07/02/09	9	1	1	1								1		1		4		1			4		1		1	1	
YMCA of Greater Seattle YMS	1700 23rd Ave E 525 S BRIGHTON ST	Diagonal CSO S Brighton St SD	03/15/04 10/28/14	2	1	1	-				-	+	_				1		1	1	\vdash			1		+	-	\rightarrow	\rightarrow	
Yuen Lui Studio	1407 S DEARBORN ST		07/02/13	5	1	-	1		-		1	+	+				1				\vdash			4		+	+	1	\rightarrow	
Zevia LLC		Diagonal SD		5		-	1				1	+	1								\vdash			1		+	-	7	\rightarrow	-
	14 S IDAHO ST	Diagonal SD	04/25/08	4 540	1		1	45	10	18	101	27	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20	200	22	1.10	40	120	00	40	100	100	F24	- 00	245		250	100	40
Totals				4,516	708	562	553	45	13	18	134	1 3/	123	28	300	32	142	13	130	83	46	180	102	531	23	215	55	259	100	18

Table A-3: Businesses referred to other agencies for source control and/or enforcement (2007 - 2014).

DBAName	SiteAddress	Outfall	Sewer Class	CycleNum	King County Hazardous	King County Industrial Waste	Ecology Water Quality	Ecology Hazardous Waste	Cit	y Depart	Other	Agency
1-World Globes & Maps, LLC	1605 S Jackson St	Diagonal Ave S CSO/SD	Separated	1			11/18/11					
3512 Airport Way S	3512 Airport Wy S	Diagonal Ave S CSO/SD	Separated	11			08/09/10					
Action Communications, Inc.	4000 Airport Wy S	Diagonal Ave S CSO/SD	Combined	1					06/25/03	SPU		
Active Gear	4412 4th Ave S	Diagonal Ave S CSO/SD	Separated	1					09/03/03	SPU		
Aeroflight (TUKWILA)	8555 Perimeter Rd S	KCIA SD #2/PS 78 EOF	Separated	1	02/15/05							
Alaska Logistics	7400 8TH AVE S	Slip 4 direct	Separated	11				07/14/04				
Alaska Marine Lines	5615 W Marginal Wy SW	SW Kenny St SD/T115 CSO	Separated	2			08/02/13					
Algas-SDI International LLC	151 S Michigan St	S River St SD	Separated	1			10/02/08					
Alpine Auto Sales	6722 Fox Ave S	S Brighton St SD	Separated	1	11/06/09			06/30/09				
Aluminum & Bronze Fabricators	6301 W Marginal Wy SW	SW Kenny St SD/T115 CSO	Separated	2			08/05/10					
Aquatic Enterprises, Inc.	4101 W Marginal Wy SW	SW Idaho St SD	Separated	1			03/31/10					
Arctic Ice Cream Novelties	1901 23RD AVE S	Diagonal Ave S CSO/SD	Separated	1					12/17/03	SPU		
Ballard Organics	2028 21st Ave S	Diagonal Ave S CSO/SD	Separated	1		09/20/10	09/20/10					
Bartell Drugs	4711 DENVER AVE S	Diagonal Ave S CSO/SD	Separated	1					07/08/03	SPU		
Bartell Drugs Distribution	4140 E Marginal Wy S	Diagonal Ave S CSO/SD	Separated	2			08/11/11					
Beacon Hill Dental Associates	3051 Beacon Ave S	Diagonal Ave S CSO/SD	Separated	1	03/21/13	04/24/13						
Big Brothers Big Sisters of Puget Sound	5023 Colorado Ave S	Diagonal Ave S CSO/SD	Separated	1	09/21/09							
Boom Boys Cranes LLC	7400 8th Ave S	Slip 4 direct	Separated	1		20/20/2	04/22/10				04/21/10	Clean Air
Broadway Sports & Internal Medicine	600 Broadway	Diagonal Ave S CSO/SD	Combined	1	06/02/04	06/02/04			10/17/00	CDII		
Budget Batteries	2006 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	1					12/17/03	SPU		
Bud's Auto & Truck	750 S Orchard St	S Myrtle St SD	Separated	1	03/21/12			03/21/12				
BYG Taxi Co-op	74 S Hudson St	Diagonal Ave S CSO/SD	Separated	2						0011	03/20/12	Ecology
Byrne Specialty Gases, Inc.	601 S Andover St	Diagonal Ave S CSO/SD	Separated	1					07/08/03	SPU		
Cacallori Marble	1535 S Albro St	Duwamish (NEC) CSO	Combined	11		06/16/04						
Cascade Columbia Distribution	6900 Fox Ave S	S Brighton St SD	Separated	1		03/21/12						
Charlie's Produce	3844 1st Ave S	Diagonal Ave S CSO/SD	Separated	3			10/21/11					
Charlie's Produce	3844 1st Ave S	Diagonal Ave S CSO/SD	Separated	4					03/20/14	Julie Howell, Dave Jacobs		
Charlie's Produce	4103 2nd Ave S	Diagonal Ave S CSO/SD	Separated	4			10/21/11					
Chemithon	5430 W Marginal Wy SW	Duwamish West Direct	Separated	1		05/01/06						
Churchkey Can Co.	4700 Ohio Ave S	Diagonal Ave S CSO/SD	Separated	11		04/11/12	04/11/12					
City Art Works at Pratt Fine Arts Center	1902 S MAIN ST	Diagonal Ave S CSO/SD	Separated	1	10/10/13			10/09/13	10/03/13	Seattle Parks and Recreation		
Cleanscapes	5939 4th Ave S	Duwamish (NEC) CSO	Combined	1		08/14/08						
Commercial Fence Corp.	150 SW MICHIGAN ST	Duwamish West Direct	Separated	1			05/19/10					
Concrete Restoration Inc	4025 WEST MARGINAL WAY SW	SW Idaho St SD	Separated	1	03/31/10	04/08/10					04/08/10	Ecology
ConGlobal Industries	1 S IDAHO ST	Diagonal Ave S CSO/SD	Separated	1		04/16/09	04/15/09					
Cordon Selections	4136 1ST AVE S	Diagonal Ave S CSO/SD	Separated	1			01/03/14					
COSTCO Wholesale	4401 4th Ave S	Diagonal Ave S CSO/SD	Separated	1					07/15/03	SPU		
Da Vinci Gourmet	7224 1st Ave S	2nd Ave S SD	Separated	4			02/06/12					
Daniel Smith Inc.	4150 1st Ave S	Diagonal Ave S CSO/SD	Separated	2		09/19/13	09/19/13					
Davis Door Service, Inc.	2021 S Grand St	Diagonal Ave S CSO/SD	Separated	2			03/01/10					
Dawn Food Products, INC	6901 Fox Ave S	S Brighton St SD	Separated	1			09/11/08					
Deeny Construction Co. Inc.	2545 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	1					05/28/04	SPU		
Delta North	6701 Fox Ave S	S Brighton St SD	Separated	1			09/18/12		09/12/12	Seattle FMO	09/14/12	Clean Air
Dilettante Chocolates	2021 22nd Ave S	Diagonal Ave S CSO/SD	Separated	2					10/26/10	SDOT street use permit		
Eagle Eye Enterprise Corp	8219 7TH AVE S	7th Ave S SD	Separated	1		10/22/09						
Elliott Bay Industries	7500 West Marginal Wy S	2nd Ave S SD	Separated	2			07/12/12					
Emerald City Cleaners	850 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	2							01/30/12	
Emerson Enterprises LLC	525 S BRIGHTON ST	S Brighton St SD	Separated	1			11/17/14					
Engineered Products	9883 40th Ave S	Norfolk SD/CSO/EOF	Separated	1			04/12/12					
Essential Baking Company	1001 S Myrtle St	Georgetown SD	Separated	1		06/23/09						
Expert Marble & Granite Inc.	4749 W Marginal Wy SW	SW Idaho St SD	Separated	1		04/19/10						
EZ Buy Motors Inc.	401 RAINIER AVE S	Diagonal Ave S CSO/SD	Separated	1					08/05/13	Finance and Admin Svcs		
Fabriform Plastics Inc.	3300 Airport Wy S	Diagonal Ave S CSO/SD	Combined	1		06/25/03				Aumin 3763		
Fire King of Seattle, Inc.	240 S Holden St	7th Ave S SD	Separated	3	02/09/12							
Firestone	2915 RAINIER AVE S	Diagonal Ave S CSO/SD	Separated	1					02/06/04	SPU		
First Student	7400 8th Ave S	Slip 4 direct	Separated	1			05/05/10					
First Student Inc.	7739 1st Ave S	1st Ave S SD (west)	Separated	1		11/05/10	11/05/10					
Flamespray Northwest	250 S Chicago St	7th Ave S SD	Separated	1			05/23/12					
FleetPride	600 S Dakota St	Diagonal Ave S CSO/SD	Separated	2				08/30/11				
FMG LLC	3433 AIRPORT WAY S	Diagonal Ave S CSO/SD	Separated	1					03/10/04	SPU		
	4819 W Marginal Wy SW	SW Idaho St SD	Separated	<u> </u>			04/29/09		22. 70/07			
Fog Tite Inc				1			12/03/10					
Fog Tite Inc Franz Family Bakeries	2006 S Weller St	Diagonal Ave S CSO/SD	Separated			02/01/11	12/03/10					
Fog Tite Inc				1 2 2	11/21/07	02/01/11	12/03/10 11/21/07	11/21/07				

Table A-3: Businesses referred to other agencies for source control and/or enforcement (2007 - 2014).

DBAName	SiteAddress	Outfall	Sewer Class	CycleNum	King County Hazardous	King County Industrial Waste	Ecology Water Quality	Ecology Hazardous Waste	Cit	y Depart	Other	Agency
Grease Monkey #481	2101 23rd Ave S	Diagonal Ave S CSO/SD	Separated	1		09/17/10			09/20/10	Julie Howell		
Gretchen's Shoebox Express	3922 6th Ave S	Diagonal Ave S CSO/SD	Separated	2			01/03/14					
Group Health Cooperative	5316 Rainier Ave S	Diagonal Ave S CSO/SD	Combined	1	02/17/04	02/09/04						
GSA	4735 E Marginal Wy S	Duwamish East Direct	Separated	1			07/09/04					
High-Rise Cabinets Inc.	2755 Airport Wy S	Diagonal Ave S CSO/SD	Separated	3			07/24/12					
Independent Metals	747 S Monroe St	7th Ave S SD	Separated	1		06/12/08		06/12/08	06/12/08	Seattle Police		
Industrial Battery Systems	211 S AUSTIN ST	2nd Ave S SD	Separated	1			04/16/08					
Industrial Container Services	7152 1ST AVE S	Duwamish (NEC) CSO	Combined	1				01/29/13				
International Construction Equipment	8101 OCCIDENTAL AVE S	1st Ave S SD (west)	Separated	1		11/20/11	02/28/12		11/10/11	Engineering, Susie Larson	02/29/12	Ecology
Isaacs Chiropractic Clinic	5200 Rainier Ave S	Diagonal Ave S CSO/SD	Combined	1	02/04/04					Oddic Edidon		
IsGood Woodworks	4660 E Marginal Wy S	Diagonal Ave S CSO/SD	Separated	1			11/15/11					
J.A. Jack & Sons, Inc.	5427 Ohio Ave S	Duwamish East Direct	Separated	1			04/14/09					
Jefferson Park Golf Maintenance	4101 Beacon Ave S	Diagonal Ave S CSO/SD	Combined	1					12/08/04	SPU		
Building	004 0 15 1 0	D:	0 11 1						00/00/00	0011		
JEMCO, Inc.	901 S Hinds St	Diagonal Ave S CSO/SD	Combined	1			0.1/01/00		09/30/03	SPU		
Jon's Recycling	7620 2nd Ave S	2nd Ave S SD	Separated	11	00/04/05		04/21/08					
King County Maintenance Facility	6518 Ellis Ave	KCIA SD#3/PS 44 EOF	Separated	11	03/01/05		00/40/05					
King County Surplus Storage	6530 Ellis Ave S	KCIA SD#3/PS 44 EOF	Separated	1 1	02/01/05		02/16/05					
King Electrical Mfg. Company	9131 10th Ave S	S 96th St SD	Separated	· · · · · · · · · · · · · · · · · · ·	00/44/04	00/44/04	10/03/08					
Kusakabe Professional Corp.	1414 E Yesler Wy	Diagonal Ave S CSO/SD	Combined	1 1	03/11/04	03/11/04						
LaFarge Corp	5400 W Marginal Wy SW	Duwamish West Direct	Separated	1	05/31/06	05/25/06		40/00/40				
LC Jergens Painting Co., Inc	417 18th Ave S	Diagonal Ave S CSO/SD	Separated	2				12/02/13	44/04/00	ODLI		
Leon Sullivan Health Care Center	2611 S Dearborn St	Diagonal Ave S CSO/SD	Separated	1			04/00/40		11/04/03	SPU		
Liberty Sidecars	2310 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	3			01/30/12		07/45/00	ODLI		
M&R Equipment, Inc.	3626 Airport Wy S	Diagonal Ave S CSO/SD	Separated	1					07/15/03	SPU		
MacMillan Piper Inc.	655 S Edmunds St	Diagonal Ave S CSO/SD	Separated	2			05/25/08		40/00/00	ODLI		
Mailhandlers	4005 6TH AVE S	Diagonal Ave S CSO/SD	Separated	1			00/00/40		10/23/03	SPU	00/00/40	01 4:
Marine Vacuum Service	1516 S Graham St	Duwamish (NEC) CSO	Combined	2			08/23/12				08/23/12	Clean Air
Martin Luther King 76	2801 Martin Luther King Jr	Diagonal Ave S CSO/SD	Separated	1			12/16/10					
	Wy S											
McKinstry Company	5005 3rd Ave S	Diagonal Ave S CSO/SD	Combined	3		09/10/10						
McKinstry Company	5005 3rd Ave S	Diagonal Ave S CSO/SD	Combined	1		10/0=/11			03/28/03	SPU		
Meeco Manufacturing Co. Inc.	432 S Cloverdale St	2nd Ave S SD	Separated	11	0.1/00/10	10/05/11	10/13/11				10/13/11	Ecology
Metal Works Northwest	3834 4TH AVE S	Diagonal Ave S CSO/SD	Separated	3	01/23/13			00/00/11				
Modern Machine Co.	524 S Southern St	7th Ave S SD	Separated	1			06/03/11	06/03/11				
Modern Machine Co.	524 S Southern St	7th Ave S SD	Separated	2		0.1/0.0/1.0	07/24/13					
NCM	7245 W Marginal Wy SW	1st Ave S SD (west)	Separated	1		04/20/12	04/40/44					
Nelson Trucking	9747 M L KING JR WAY S	Norfolk SD/CSO/EOF	Separated	3		05/07/00	04/19/11		07/00/00	ODLI		
NorStar Specialty Foods Inc.	3901 7th Ave S	Diagonal Ave S CSO/SD	Separated	1	00/00/00	05/27/03	05/40/00	05/40/00	07/22/03	SPU	05/40/00	01 4:
North Star Casteel	3909 9th Ave S	Diagonal Ave S CSO/SD	Separated	3	06/26/08	05/05/00	05/19/08	05/19/08	06/25/08		05/19/08	Clean Air
Northland Services Marine	6700 W Marginal Wy SW	Duwamish West Direct	Separated	1		05/25/06						
Transportation	1710.0 N	D:	0			40/40/00						
Northwest Publishing Center	1710 S Norman St	Diagonal Ave S CSO/SD	Separated	1	0.4/47/00	10/13/03	0.4/4.7/00	0.4/4.0/0.0			0.4/47/00	01 41
Northwind Marine	605 S Riverside Dr	7th Ave S SD	Separated	2	04/17/09	07/00/00	04/17/09	04/16/09			04/17/09	Clean Air
Nuprecon	7245 W Marginal Wy SW	1st Ave S SD (west)	Separated	1		07/28/09	05/00/40		05/00/40	12		
NW Container Services Inc.	635 S Edmunds St	Diagonal Ave S CSO/SD	Separated	3	44/00/04		05/03/13		05/03/13	License and Tax		
NW Truck Transmission Inc.	6327 18th Ave S	Duwamish (NEC) CSO	Combined	1	11/30/04		00/47/00					
Olympic Steel Door Inc.	7800 7th Ave S	7th Ave S SD	Separated	1 1	09/17/09		09/17/09					
Organic Fuel Processors	7400 8th Ave S	Slip 4 direct	Separated			04/00/00	04/22/10					
Oversea Casing Company	601 S Nevada	Diagonal Ave S CSO/SD	Separated	2		01/28/09						
Pacific Medical Centers	1200 12th Ave S	Diagonal Ave S CSO/SD	Separated	<u>3</u>		05/22/12						
Pacific Publishing Co.	636 S Alaska St	Diagonal Ave S CSO/SD 7th Ave S SD	Separated	1		06/03/03	04/47/40		0.4/4.0/4.0	C#I- FMO		
Pennington Metals & Auto Recycling LLC	5 543 S Monroe St	7th Ave S SD	Separated	1			04/17/12		04/13/12	Seattle FMO		
Penthouse Drapery	4033 16th Ave SW	SW Idaho St SD	Separated	1			08/02/10					
Pioneer Human Services	7440 W Marginal Wy S	2nd Ave S SD	Separated	2			02/08/13					
Pioneer Industries	7000 Highland Park Wy SW	Highland Park Way SD	Separated	1				11/09/09			11/09/09	Clean Air
Plymouth Poultry	4500 7th Ave S	Diagonal Ave S CSO/SD	Separated	3			10/03/13					
Puget Sound Industry Services	4429 AIRPORT WAY S	Diagonal Ave S CSO/SD	Separated	1					07/24/03	SPU		
Railworks Comstock	6533 3rd Ave S	S River St SD	Separated	1					10/08/08	Forced Side		
										Sewer Program-		
Rainier Grocery Outlet	2001 27th Ave S	Diagonal Ave & CCO/CD	Concreted	1					02/49/04	Letosha Taylor SPU		
	2901 27th Ave S	Diagonal Ave S CSO/SD	Separated				02/22/44		03/18/04		04/42/44	Englas:
Ralph's Concrete Pumping	1511 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	2			03/23/11		03/18/11	DPD	04/13/11	Ecology
Ralph's Concrete Pumping	816 Poplar PI S	Diagonal Ave S CSO/SD	Separated	1		00/07/40	05/12/04					
Rasmussen Equipment Co.	8727 5th Ave S	7th Ave S SD	Separated	3		09/27/12	40/45/40					
Recycling Depot	851 RAINIER AVE S	Diagonal Ave S CSO/SD	Separated	3	00/4=/00		10/15/10					
Redox Inc.	7800 7th Ave S	7th Ave S SD	Separated	11	09/17/09		09/17/09					
Renaissance	5212 6TH AVE S	Diagonal Ave S CSO/SD	Separated	1	08/08/03				00/:-/-:	05		
Rex's Service	5059 Wilson Ave S	Diagonal Ave S CSO/SD	Combined	1					02/12/04	SPU		
Richlen's Mini-Mart/76 Gas Station	2220 E Union St	Diagonal Ave S CSO/SD	Combined	2					08/12/10			
Rogers Machinery Co.	7800 5th Ave S	7th Ave S SD	Separated	3		05/10/12						

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DBAName	SiteAddress	Outfall	Sewer Class	CycleNum	King County Hazardous	King County Industrial Waste	Ecology Water Quality	Ecology Hazardous Waste	City	Depart	Other	Agency
Rosso Gardens	6404 Ellis Ave S	Duwamish (NEC) CSO	Combined	1		08/20/09						
Safari Exports	3655 EAST MARGINAL WAY S	Diagonal Ave S CSO/SD	Separated	1							01/24/14	
Samson Tug and Barge	7553 Detroit Ave SW	1st Ave S SD (west)	Separated	1			11/05/10					
Schooner Exact Brewing Co.	3901 1st Ave S	Diagonal Ave S CSO/SD	Separated	1		10/11/10	10/14/10					
Schwartz Brothers Bakery Seattle	619 S Nevada St	Diagonal Ave S CSO/SD	Separated	1			10/27/11					
Seaport Food Mart	7801 Detroit Ave SW	2nd Ave S SD	Separated	1			10/11/10		10/11/10	Julie Howell	11/18/10	Ecology
Seaport Petroleum	7800 Detroit Ave SW	1st Ave S SD (west)	Separated	1			02/24/11	02/23/11				
Seaport Petroleum	7800 Detroit Ave SW	1st Ave S SD (west)	Separated	2			01/26/12					
Seattle Barrel Company	4716 Airport Wy S	Diagonal Ave S CSO/SD	Separated	1		06/03/03						
Seattle Barrel Company	4716 Airport Wy S	Diagonal Ave S CSO/SD	Separated	3		10/27/08		10/27/08			10/27/08	Ecology
Seattle Barrel Company	4716 Airport Wy S	Diagonal Ave S CSO/SD	Separated	4		03/04/09	03/04/09					
Seattle Goodwill	1400 S Lane St	Diagonal Ave S CSO/SD	Separated	3		00/01/00	00/01/00				07/21/11	Ecology
Seattle Iron And Metals Truck Parking	730 S Myrtle St	S Myrtle St SD	Separated	1				04/16/13			07721711	Loology
Seattle Lighthouse for the Blind	2501 S Plum St	Diagonal Ave S CSO/SD	Separated	<u></u>	10/27/03			04/10/13				
Foundation			<u> </u>		10/27/03							
Seattle Lighthouse for the Blind Foundation	2501 S Plum St	Diagonal Ave S CSO/SD	Separated	2			10/15/07					
Seattle Self Storage	1100 Poplar Pl S	Diagonal Ave S CSO/SD	Separated	2							11/15/12	City Dept
Seattle University	1215 E Columbia St	Diagonal Ave S CSO/SD	Combined	1	03/21/04						, ,	
Senior Services - Minor Home Repair	620 S SPOKANE ST	Diagonal Ave S CSO/SD	Combined	1	30/21/01				09/25/03	SPU		
Show Quality Metal Finishing	1115 S ELIZABETH ST	KCIA SD#3/PS 44 EOF	Separated	1	10/13/04				03/20/00	01 0		
Show Quality Metal Finishing	1115 S ELIZABETH ST	KCIA SD#3/PS 44 EOF	Separated	2	03/04/08							
Shultz Distributing Inc.	6851 E Marginal Wy S	S Brighton St SD	Separated	2	03/04/00	08/24/10						
		Norfolk SD/CSO/EOF		2		10/20/10	09/16/10	10/20/10				
Special Asphalt Products Inc	9243 Martin Luther King Jr Wy S		Separated			10/20/10		10/20/10				
Steeler Inc	10023 M L KING JR WAY S	Norfolk SD/CSO/EOF	Separated	3			07/19/11					
Steeler Inc	10023 M L KING JR WAY S	Norfolk SD/CSO/EOF	Separated	4			10/09/14					
Stusser Electric Co.	660 S Andover St	Diagonal Ave S CSO/SD	Separated	1					10/23/03	SPU		
Superior Imprints Inc.	4226 6th Ave S	Diagonal Ave S CSO/SD	Separated	1		11/01/11						
Svendsen Brothers Fish Company	745 S MYRTLE ST	S Myrtle St SD	Separated	1		07/22/08	07/24/08					
Svendsen Brothers Fish Company	745 S MYRTLE ST	S Myrtle St SD	Separated	2							02/10/12	
T H Seafood	7901 2nd Ave S	2nd Ave S SD	Separated	1		02/16/10						
Taqueria Latino	2524 16TH AVE S	Diagonal Ave S CSO/SD	Separated	1							11/01/13	
Taxi King	720 S Orchard St	S Myrtle St SD	Separated	2			07/23/08	07/23/08				
Taxi King	720 S Orchard St	S Myrtle St SD	Separated	3			01/24/12					
Tea Garden	708 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	1			01/21/12				11/20/11	
Thai Hung Auto Repair	509 RAINIER AVE S	Diagonal Ave S CSO/SD	Combined	1	05/18/04						11/20/11	
The Design Garage	7601 5TH AVE S	7th Ave S SD	Separated	1	03/10/04		01/02/14					
The Field Roast Grain Meat Co.	3901 7TH AVE S	Diagonal Ave S CSO/SD	Separated	1			01/02/14				06/30/14	
Thermal Solutions		1st Ave S SD (west)		1			12/03/10				06/30/14	
Top Kitchen and Granite	7951 2nd Ave S 1423 S Dearborn St	Diagonal Ave S CSO/SD	Separated Separated	2			12/03/10	11/17/11				
					07/04/00			11/17/11	07/04/00	CDLI		
Trade-Marx Sign & Display Corp.	3614 6TH AVE S	Diagonal Ave S CSO/SD	Separated	1	07/31/03	04/44/40	04/44/40		07/31/03	SPU		
Two Beers Brewing Co.	4700 Ohio Ave S	Diagonal Ave S CSO/SD	Separated	2		04/11/12	04/11/12		05/05/5	05		
U-Haul Center of Rainier	2515 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	1					05/28/04	SPU		
United Iron Works	7421 5TH AVE S	2nd Ave S SD	Separated	3			09/23/10				09/23/10	Clean Air
Urban Hardwoods Inc.	4755 Colorado Ave S	Diagonal Ave S CSO/SD	Separated	1			10/09/12					
Victor's Granite & Marble LLC	4660 E Marginal Wy S	Diagonal Ave S CSO/SD	Separated	11		11/16/11						
Vu's Automotive	2800 M L KING JR WAY S	Diagonal Ave S CSO/SD	Separated	1					10/16/03	SPU		
Washington Middle School	2101 S Jackson St	Diagonal Ave S CSO/SD	Separated	1					10/29/03	SPU		
Wash's Auto Repair	5021 Rainier Ave S	Diagonal Ave S CSO/SD	Combined	11		03/11/04						
Wash's Auto Repair	5021 Rainier Ave S	Diagonal Ave S CSO/SD	Combined	11		03/11/04						
West Seattle Radiator Service	4101 W Marginal Wy SW	SW Dakota St SD	Separated	1		04/05/10						
Westbridge Maintenance Facility	4209 W Marginal Wy S	SW Dakota St SD	Separated	2				05/06/10				
Whole Foods Markets Select Fish	5980 1st Ave S	Duwamish East Direct	Separated	1			04/19/11					
Wholesale Transmissions	4527 Rainier Ave S	Diagonal Ave S CSO/SD	Combined	1	11/15/05							
Wilcor Grounding Systems	4045 7th Ave S	Diagonal Ave S CSO/SD	Separated	2			12/14/10					
Wings Aloft	8467 Perimeter Rd SE	KCIA SD #2/PS 78 EOF	Separated	1	09/16/04							
YMS	525 S BRIGHTON ST	S Brighton St SD	Separated	1			11/17/14					
Totals		- J		•	31	52	83	20		41	2	22

LDW_SCIP_Referrals_022515 Table A3-3

APPENDIX B SOURCE TRACING BOX PLOTS

Figure B-1: Arsenic box plot.

Figure B-2: Copper box plot.

Figure B-3: Lead box plot.

Figure B-4: Mercury box plot.

Figure B-5: Zinc box plot.

Figure B-6: LPAH box plot.

Figure B-7: HPAH box plot.

Figure B-8: TPH-oil box plot.

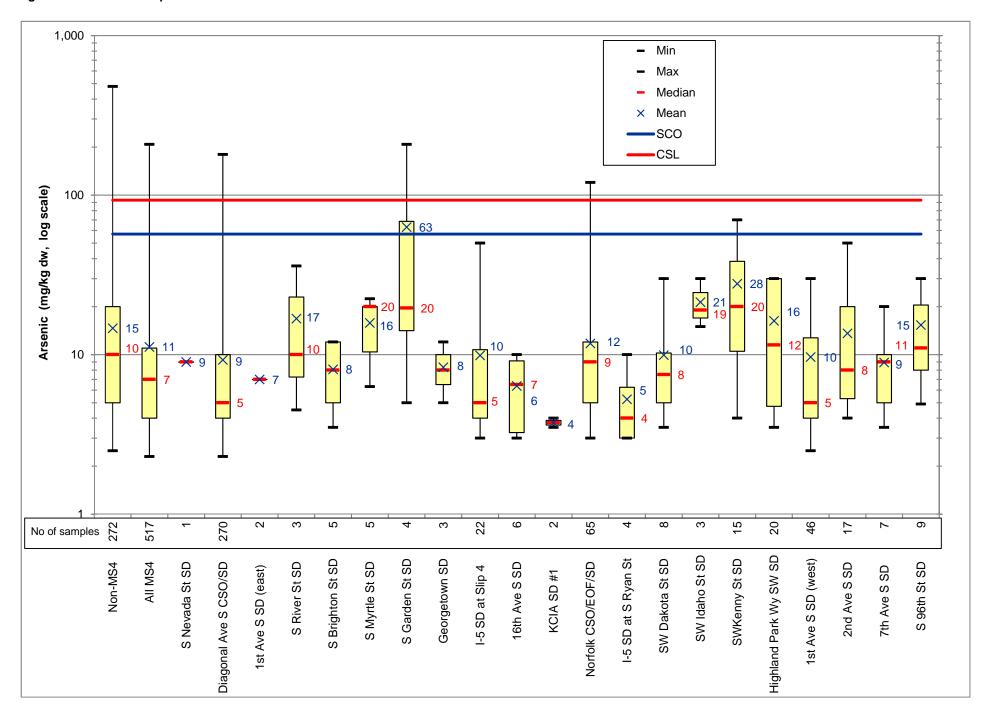
Figure B-9: PCBs box plot.

Figure B-10: Bis(2-ethylhexyl)phthalate box plot

Figure B-11: Butyl benzyl phthalate box plot.

Figure B-12: Dimethyl phthalate box plot.

Figure B-1: Arsenic box plot.



Idw_equis_020915_anal As box 5/3/2016

Figure B-2: Copper box plot.

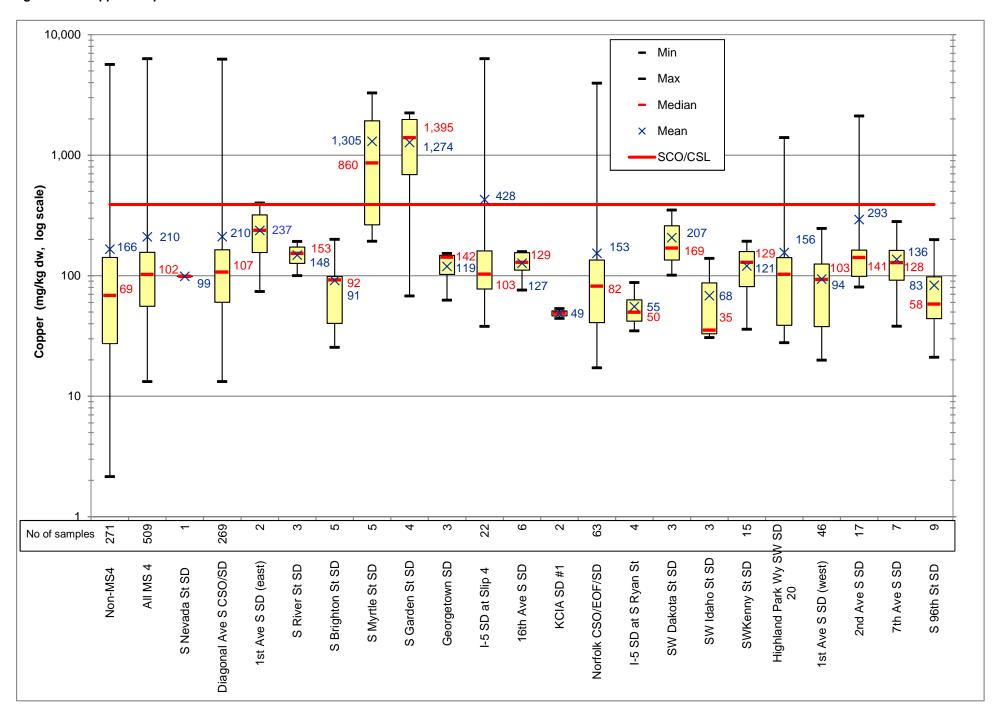
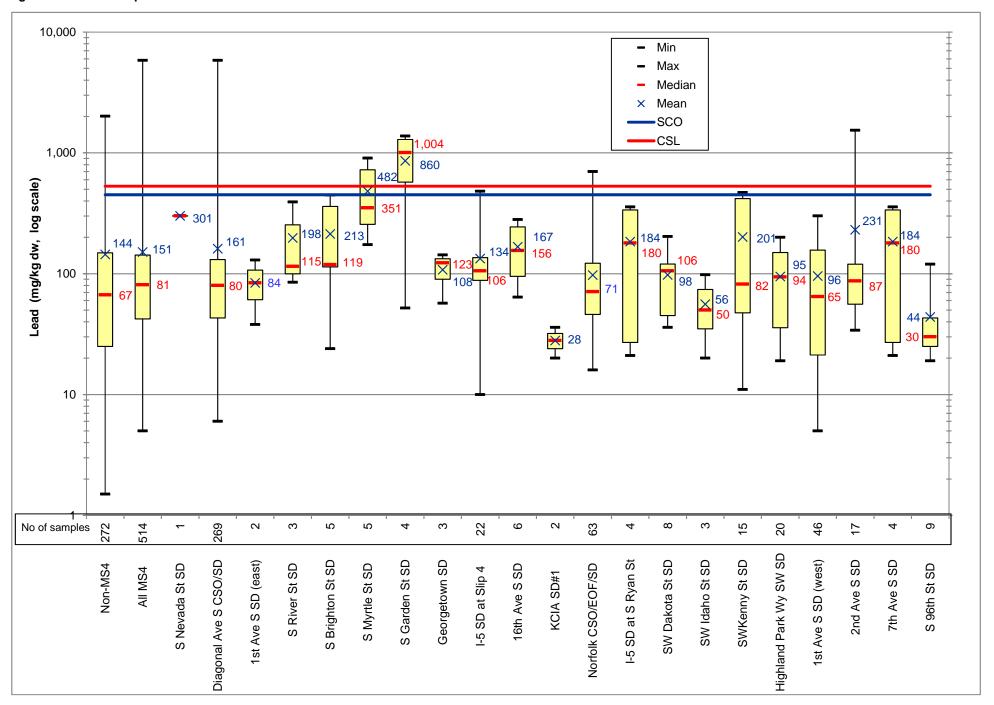
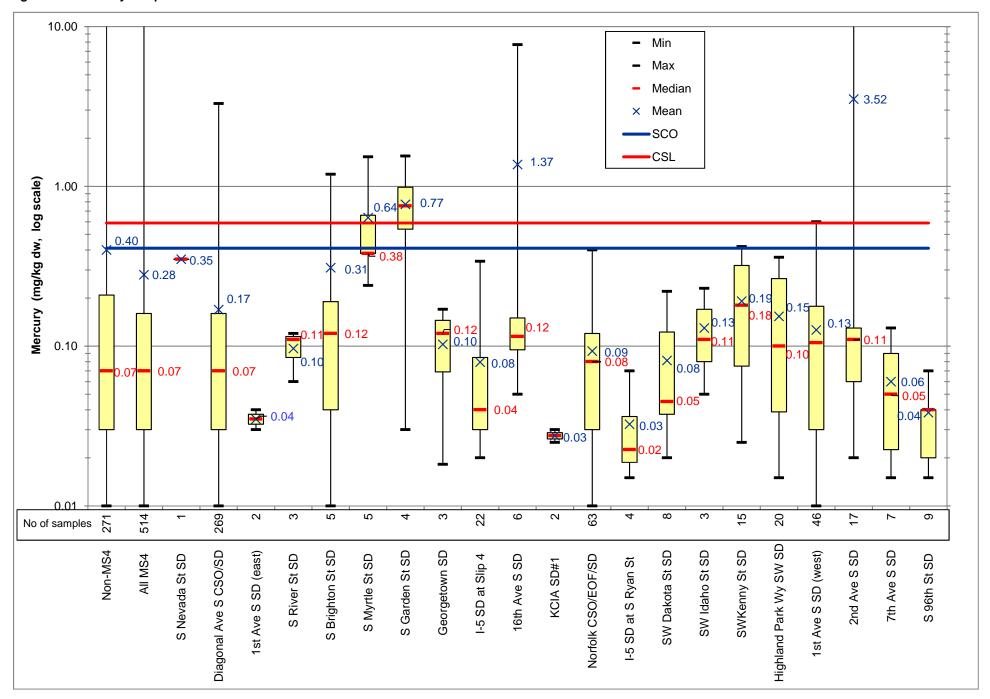


Figure B-3: Lead box plot.



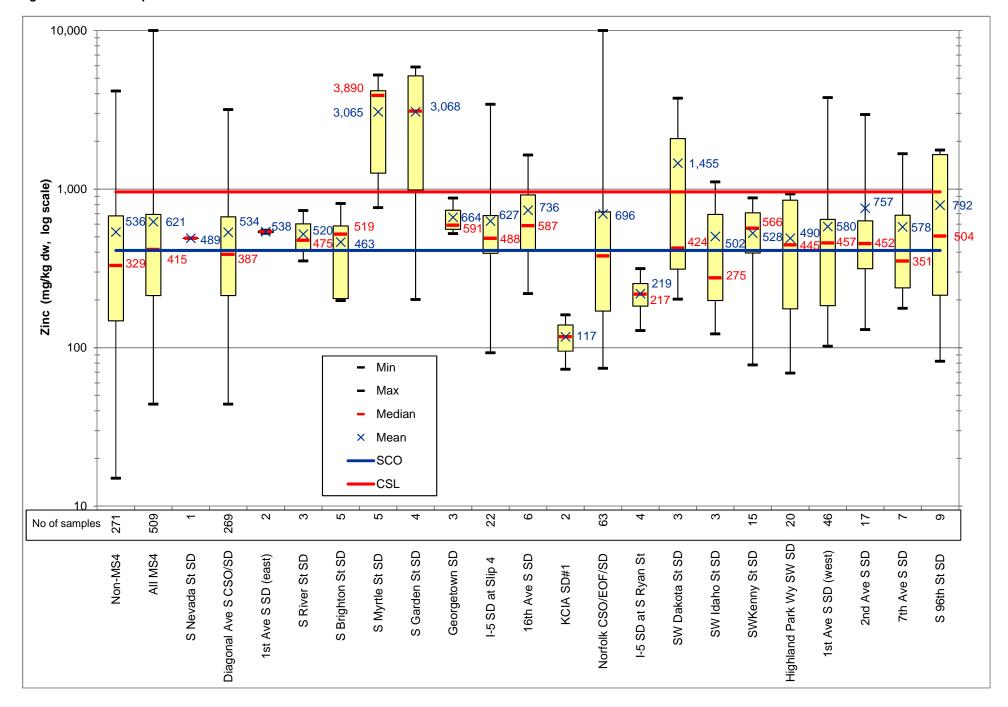
Idw_equis_020915_anal Pb box 5/3/2016

Figure B-4: Mercury box plot.



Idw_equis_020915_anal Hg box 5/3/2016

Figure B-5: Zinc box plot.



Idw_equis_020915_anal Zn box 5/3/2016

Figure B-6: LPAH box plot.

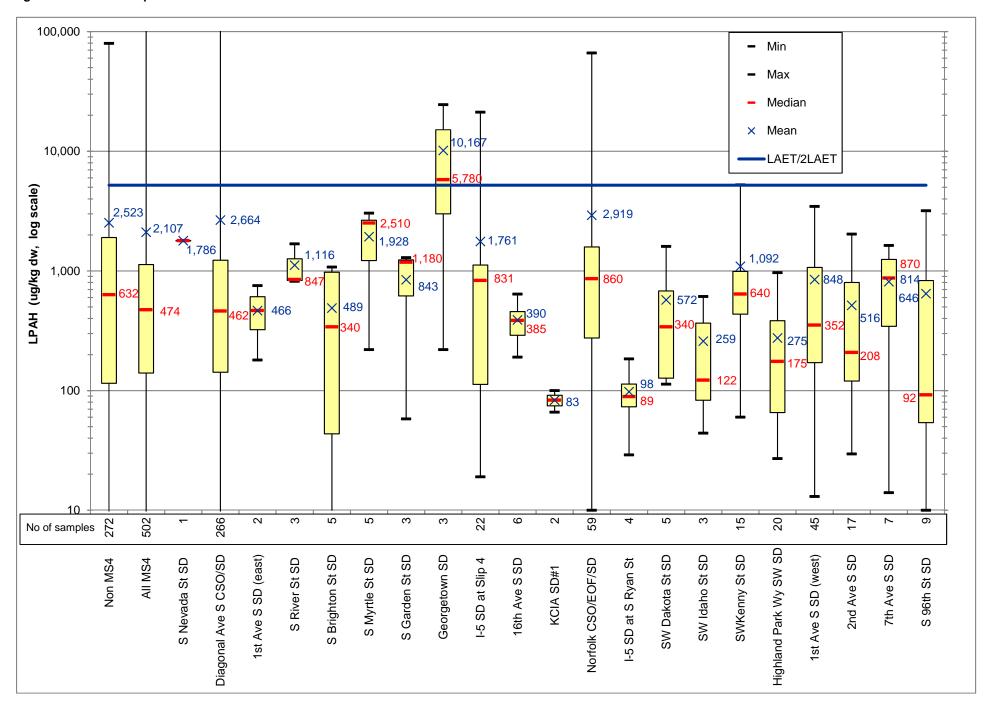
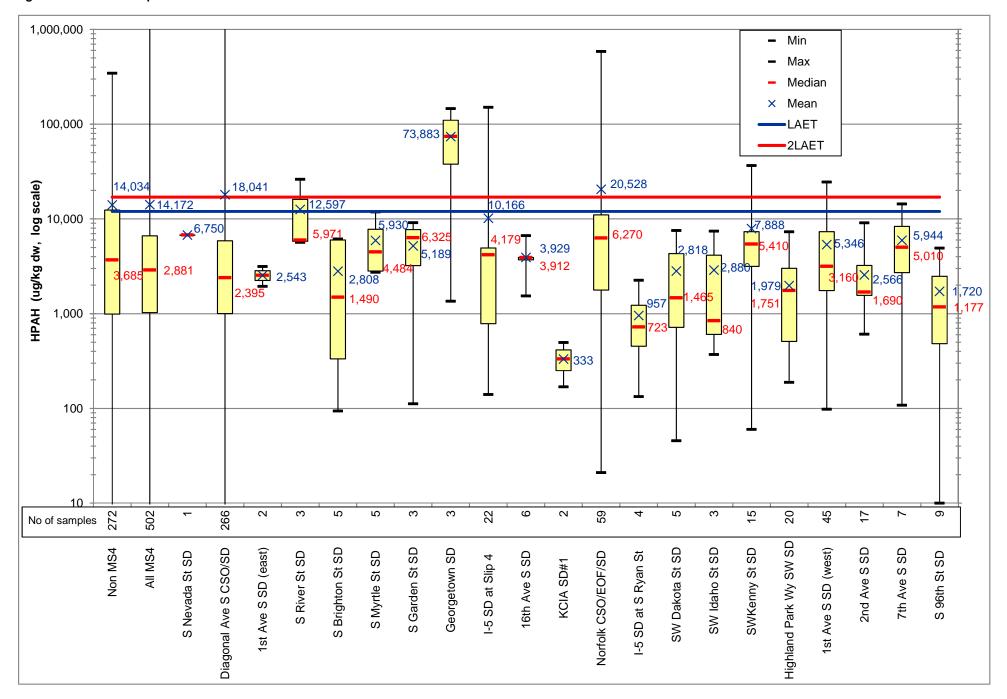


Figure B-7: HPAH box plot.



Idw_equis_020915_anal HPAH box 5/3/2016

Figure B-8: cPAH box plot.

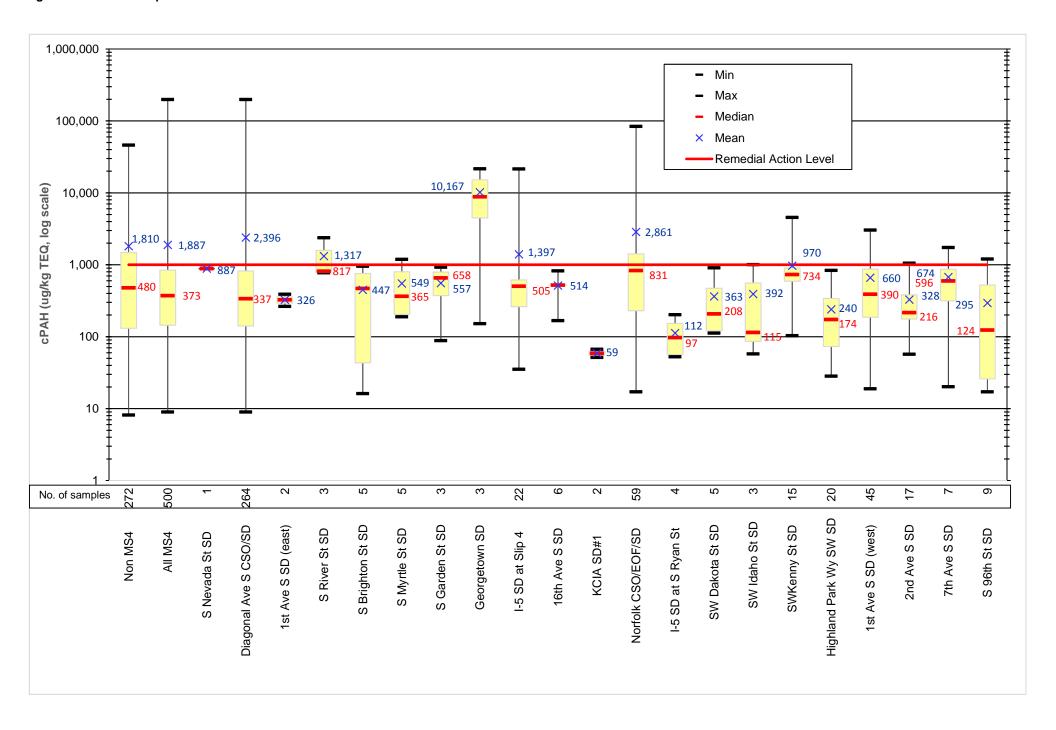
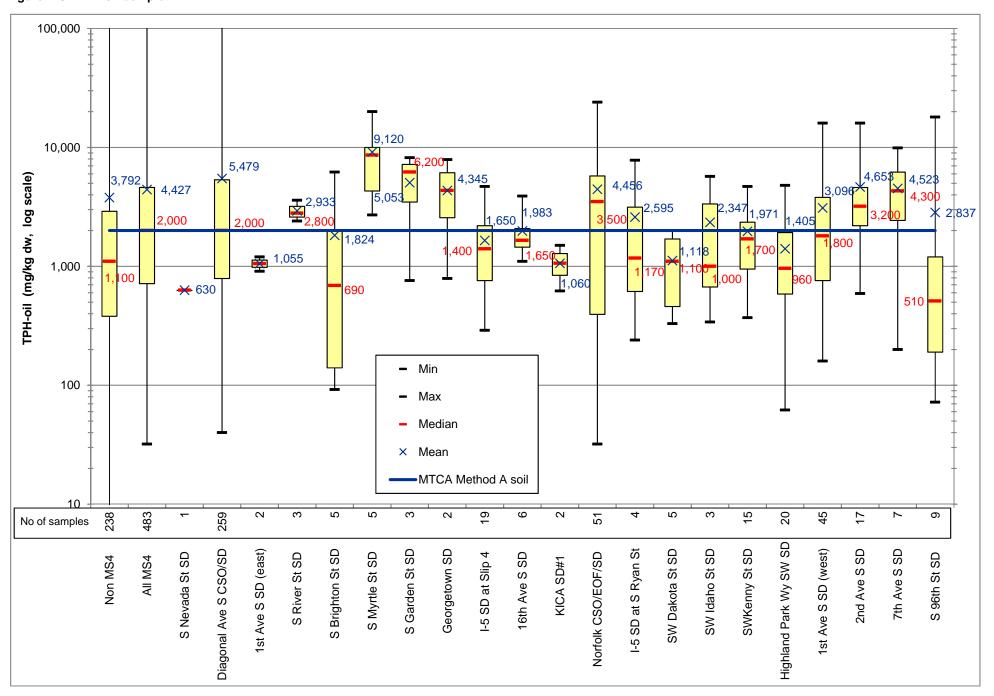
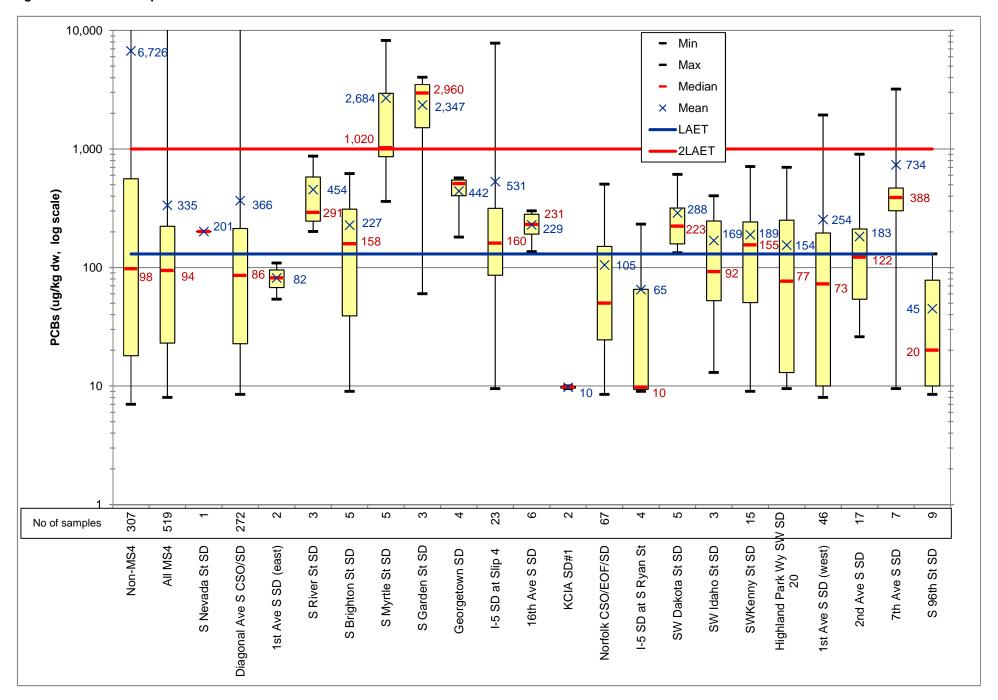


Figure B-9: TPH-oil box plot.



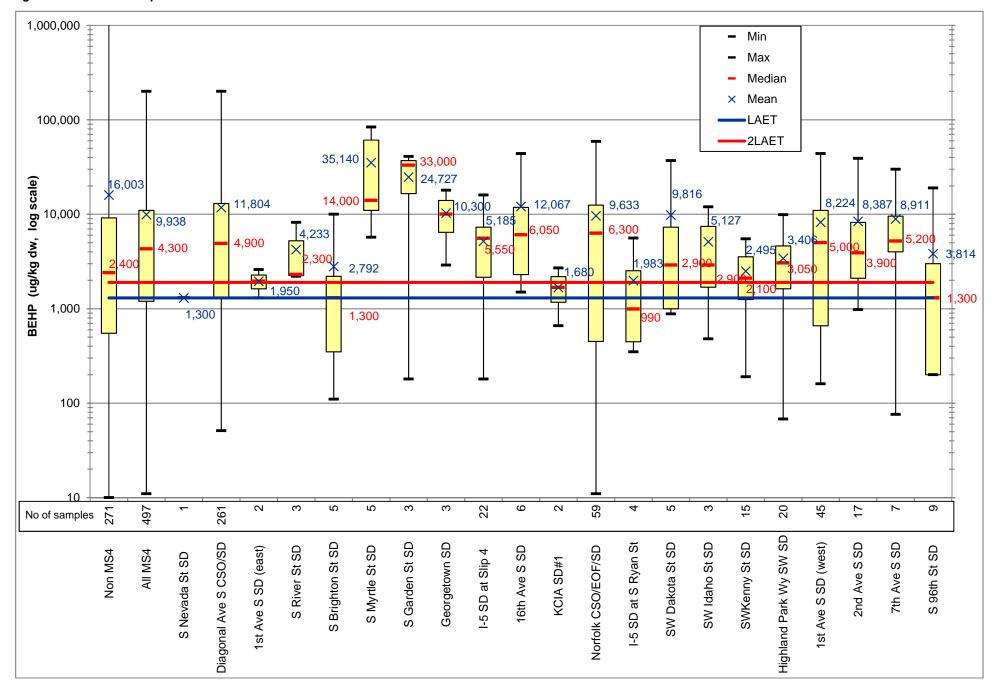
Idw_equis_020915_anal Oil box 5/3/2016

Figure B-10: PCBs box plot.



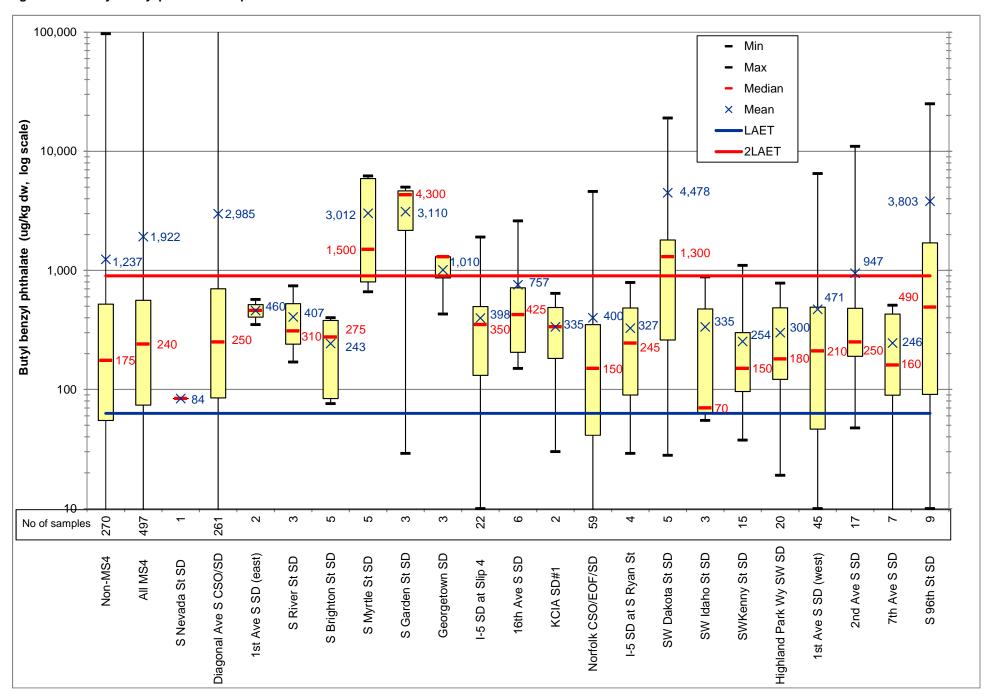
Idw_equis_020915_anal pcb box 5/3/2016

Figure B-11: BEHP box plot.



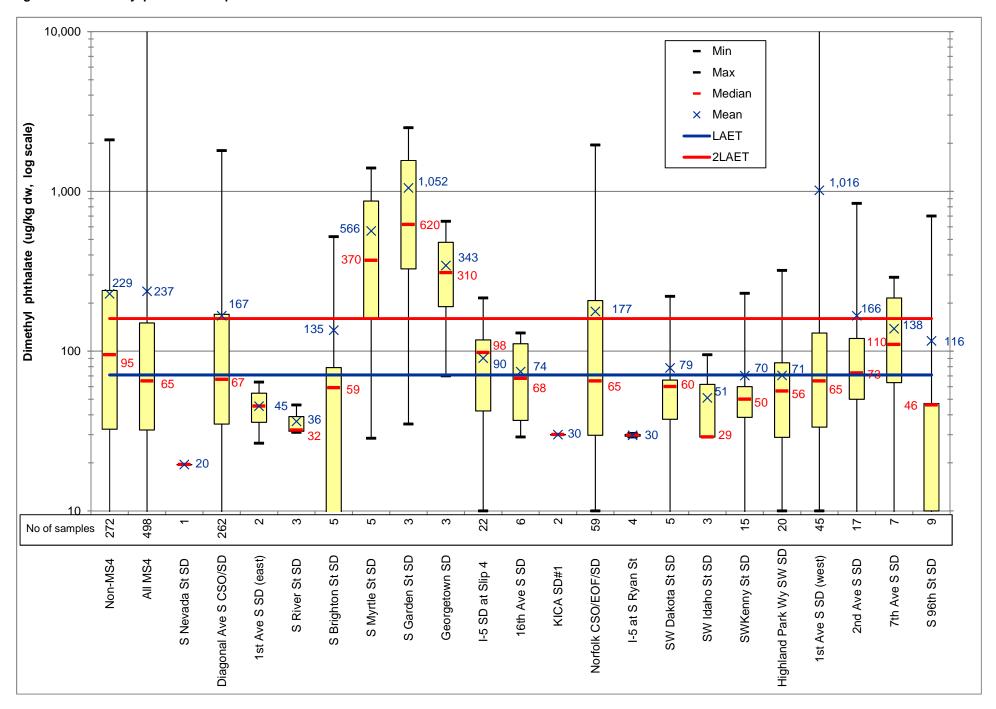
Idw_equis_020915_anal BEHP box 5/3/2016

Figure B-12: Butyl benzyl phthalate box plot.



Idw_equis_020915_anal BBP box 5/3/2016

Figure B-13: Dimethyl phthalate box plot.



ldw_equis_020915_anal DMP box 5/3/2016

APPENDIX C SUMMARY OF SOURCE TRACING RESULTS BY OUTFALL

Appendix C: Summary of Source Tracing Results by Outfall

Conte		
1. INT		UCTION
1.1.		evada St SD1
1.2.		gonal Ave S CSO/SD 1
1.2.	1.	S Snoqualmie St Sub-basin
1.2.	2.	S Dakota St Sub-basin
1.2.	3.	Post-Cleanup Samples Offshore of the Diagonal Ave S CSO/SD outfall
1.2.	4.	Next Five Years
1.3.	1^{st} ,	Ave S Sd (east)
1.4.	S R	iver St SD
1.5.		righton St SD
1.6.		lyrtle St SD
1.7.		arden St SD
1.8.		SD at Slip 4
1.9.		prgetown SD
1.10.		Ave S SD (east)
1.11.		A SD#1
1.12.		folk CSO/PS17 EOF/SD
		SD at S Ryan St
		Dakota St SD
		Idaho St SD
		Kenny St SD/T115 CSO
1.17.	_	Ave S SD, west
_		Ave S SD
		Ave S SD
		6 th St SD
1.21.	5 5	0 3t 3D
Table:	_	
Table C		Summary of chemicals exceeding SMS screening levels in the Diagonal Ave S CSO/SD
		drainage system
Table C		Private onsite catch basins containing elevated levels of LPAH and HPAH
Table C		Pre- and post-cleaning samples collected from the S Snoqualmie St subbasin in the
		Diagonal Ave S CSO/SD
Table C		PCBs in water samples collected from S Snoqualmie St sub-basin
Table C		Chemicals exceeding SCO offshore of Diagonal Ave CSO/SD following early action area
		cleanup
T-bl- C	<i>c</i> .	C-8
Table C		Summary of chemicals exceeding SMS screening levels in 1st Ave S SD (east) C-10
Table C		Metals, HPAH, and PCBs in the S River St SD after cleaning compared to other storm
Table C		drain in the LDW
i abie C		cleaning.
		C-14
Table C		Summary of chemicals exceeding the SMS screening levels in the I-5 SD at Slip 4
i abie C		drainage system
Table C	-10:	Post-cleanup sediment samples in Slip 4
		1 - F

Table C-11:	Summary of chemicals exceeding the SMS screening levels in the 16 th Ave S, east drainage system
Table C-12:	SMS exceedances in surface sediment samples located within 200 feet of the 16 th Ave S SD, east outfall
Table C-13:	Summary of chemicals exceeding the SMS screening levels in the City-owned MS4 within the S Norfolk CSO/PS17 EOF/SD drainage system
Table C-14:	Norfolk CSO/EOF/SD stormwater monitoring data (2010 - 2012)
	Chemicals exceeding SCO offshore of Norfolk CSO/PS17 EOF/SD following early action area cleanup
Table C-16:	Summary of chemicals exceeding SMS screening levels in samples collected from the SW Dakota St drainage system
Table C-17:	Summary of chemicals exceeding SMS screening levels in samples collected from the SW Idaho St SD system prior to cleaning
Table C-18:	Summary of chemicals exceeding SMS screening levels in samples collected from the SW Idaho St SD system after cleaning
Table C-19:	Summary of chemicals exceeding SMS screening levels in samples collected from the SW Kenny St storm drain system
Table C-20:	Summary of chemicals exceeding SMS screening levels in samples collected from the Highland Park Wy SW storm drain system
Table C-21:	Summary of chemicals exceeding SMS screening levels in samples collected from the 1 st Ave S SD, west storm drain system
Table C-22:	Summary of chemicals exceeding SMS screening levels in samples collected from the 2 nd Ave S SD storm drain system
Table C-23:	Summary of chemicals exceeding SMS screening levels in samples collected from the 7 th Ave S SD storm drain system prior to cleaning
Table C-24:	Summary of SMS exceedances for metals in 7th Ave S SD system C-37
	Samples exceeding LAET for HPAH and 2LAET for PCBs in the 7th Ave S SD C-39
Table C-26:	Summary of chemicals exceeding SMS screening levels in samples collected from the 7 th Ave S SD storm drain system after cleaning
Table C-27:	Chemicals exceeding SMS in surface sediment samples collected within 200 feet of the 7th Ave S SD
Table C-28:	Summary of chemicals exceeding SMS screening levels in samples collected from the City MS4 in the S 96 th St storm drain system

1. INTRODUCTION

Information about individual City-owned outfalls and outfalls that receive stormwater and/or wastewater from City storm drains are described in the following sections. Sample numbers and descriptions are based on data collected through June 2014. In drainage systems where line cleaning has occurred, only samples collected after cleaning are included in the data summaries. Map numbers (e.g., Map 4) refer to maps provided in the Map attachment to the Source Control Implementation Plan.

1.1. S NEVADA ST SD

The Nevada St SD serves an area of approximately 23 acres, most of which is occupied by a large warehouse and associated parking on the Port of Seattle's Terminal 106 (see Map 4). The west end of S Nevada St was vacated to the Port in 1970. Catch basins located on the east end of S Nevada St may collect runoff from a short section of E Marginal Wy S, but the majority of the runoff at this outfall is from roof and parking areas on adjacent Port property. Source tracing has been difficult due to the lack of accumulation of storm drain solids this system. One sample has been collected from this drainage system (MH206). Arsenic, copper, lead, mercury, LPAH, and HPAH concentrations are below the SCO screening level. Zinc (489 mg/kg) and PCBs (201 ug/kg dw) exceed the SCO/LAET, but are below the CSL/2LAET screening level.

One waterway sediment sample has been collected approximately 60 feet offshore of the outfall. No chemicals exceeded the SCO in this sample. This outfall is not considered a significant source of chemicals of concern to the LDW.

1.2. DIAGONAL AVE S CSO/SD

The Diagonal Ave S CSO/SD drainage basin, which covers an area of about 2,664 acres, is the largest drainage basin in the City (see Maps 5a and 5b). Land use in the basin is a mixture of residential (23 percent), commercial (9 percent), industrial (19 percent), vacant/park (10 percent), and right-of-way (39 percent). The upper portion of the basin east of I-5 is mostly residential with commercial businesses clustered along the major transportation corridors (Rainier Ave S, Beacon Ave S, and S Jackson St). The lower portion of the basin west of I-5 is mostly industrial. The main trunkline west of I-5 is also tidally influenced. Given the size of the pipes (108 - 144 inches), these pipes are backwatered throughout most of the tidal cycle. The outfall at elevation approximately - 5 ft NAVD88 (-2.5 ft MLLW) is exposed only during a minus tide.

SPU has conducted extensive source tracing in the Diagonal Ave S drainage basin, collecting a total of 385 samples (115 private onsite catch basins, 107 right-of-way catch basins, 92 inline grabs, 68 sediment traps, and 3 street dirt samples).¹ Results are summarized in Table C-1. Overall, concentrations in the Diagonal Ave S CSO/SD drainage system are comparable to other storm drains in the LDW (see box plots in Appendix B).

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¹ Total samples collected to date, including samples from areas that have been cleaned.

Table C-1: Summary of chemicals exceeding SMS screening levels in the Diagonal Ave S CSO/SD drainage system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screenin g level
Arsenic	57 93		270	2.3 18	0	9.3	5	1	1
Copper 390		390	269	13	6,250	210	107	7	7
Lead 450		530	269	6	5,830	161	80	4	3
Mercury 0.	41	0.59	269	0.01	3.3	0.17	0.07	6	4
Zinc 410		960	269	44	3,170	534	387	45	12
TPH-oil 2,	000	2,000	259	40	250,000	5,480	2,000	50	50
LPAH 5,	200	5,200	266	10	173,200	2,660	462	8	8
HPAH 12,	000	17,000	266	10	1,555,000	18,000	2,395	14	10
cPAH 1,	000a 1	, 000ª 2	54	9	197,900	2,400	337	22	22
PCBs 130		1,000	272	9	13,300	366	86	39	4
BEHP 1,	300	1,900	261	51	200,000	11,800	4,900	74	66
Butylbenzyl phthalate	63 900)	261	10	160,000	3,000	250	78	21
Dimethyl phthalate	71 160)	262	9	1,800	167	67	47	26

N = number of samples. Includes only samples collected since the most recent cleaning in areas of the drainage system that have been jetted and cleaned.

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

Samples collected August 2003 through May 2014.

a. Sediment remedial action level

Exceedances of SMS screening levels for arsenic, copper, lead, and mercury are infrequent (<10 percent). As shown on Map 85 elevated levels of lead and mercury occur in a few inline samples along S Snoqualmie St and S Dakota St as well as on the downstream mainlines. These two sub-basins are discussed in more detail below. The only other location where lead and mercury have been found are in a sample collected from a private onsite catch basin at a battery store (CB7 and CB83). Samples collected in 2003 and 2005 contained 1,220 – 5,830 mg/kg lead and up to 2.05 mg/kg mercury, as well as elevated levels of TPH-oil (13,000 – 23,000 mg/kg), and LPAH (5,400 – 8,980 ug/kg dw). SPU inspected this site multiple times between 2003 and 2006. Inspections conducted in 2003-2004 found a number of problems related to spill control/containment, illicit discharges, storage of waste materials, and general housekeeping practices. The company implemented improvements as required by City inspectors. No problems were identified during the most recent inspection in 2010. This catch basin was re-sampled in 2010 and concentrations of mercury (0.11 mg/kg), lead (805 mg/kg), TPH-oil (5,900 mg/kg), and LPAH (320 ug/kg dw) had declined. However, lead continues to exceed the CSL screening level. This site is not currently permitted by Ecology.

Elevated levels of lead (2,760 mg/kg) were found in an inline sample (MH260) east of I-5 on a drain line that serves a short section of Beacon Ave and SPU's Beacon Reservoir site. SPU plans to conduct further source tracing in this area.

The Diagonal Ave S CSO/SD drainage system, like other drainage systems in the LDW, experiences more frequent exceedances of the SCO/CSL screening levels for zinc (39 and 4 percent, respectively) compared to other metals. However, none of the samples collected offshore of the

outfall since 2004 Diagonal/Duwamish early action site cleanup have exceeded SCO for zinc (King County 2008, 2010).

Eight percent (21 samples) and 10 percent (26 samples) of the samples exceeded the 2LAET screening levels for LPAH and HPAH, respectively. The highest concentrations (5,400 – 173,200 ug/kg dw and 13,900 – 1,555,000 ug/kg dw, respectively) typically occurred in private onsite catch basins samples (Table C-2).

Table C-2: Private onsite catch basins containing elevated levels of LPAH and HPAH.

Business	LPAH	НРАН
	(ug/kg dw)	(ug/kg dw)
Sheriff's office warehouse facility (CB221/222) ²	140,100 - 173,200	1,296,000 - 1,555,000
Fast food restaurant (CB38)	44,860	144,800
Repair shop (CB2)	19,400	13,900
Parking lots at commercial sites (CB1, TUL-CB2, RCBSTEV4, CB106)	3,200 - 17,188	25,500 - 51,520
Service station (CB10)	19,300	256,800
Battery store (CB7, CB83)	5,400 - 8,980	
City maintenance yard (CB112)	7,290	31,750
Light manufacturing (CB107)	3,770	30,140

Samples collected from sediment trap ST6 at Bush Pl and Rainier Ave S also frequently exceeded the screening levels (see Map 55b). This drain line serves a mixed commercial and residential basin in Seattle's Central District. None of the three other samples collected in this sub-basin exceeded the screening levels. Sediment trap ST6 results for LPAH and HPAH are plotted in Figure 1. The highest concentrations (19,350 ug/kg dw LPAH and 127,580 ug/kg dw HPAH) occurred in the August 2005 samples. Concentrations have declined at this location and are approaching the SCO screening levels.

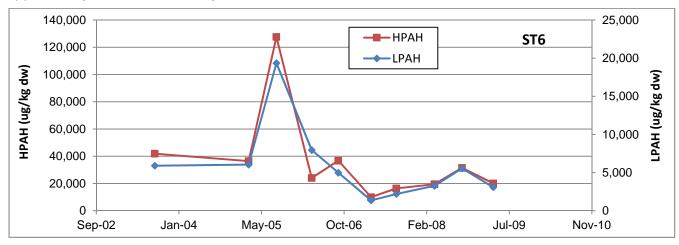


Figure 1: LPAH and HPAH in Diagonal Ave S sediment Trap ST6.

PCBs in the Diagonal Ave S drainage system exceeded the 2LAET screening level in only 4 percent of the samples (10 samples) collected over the past 8 years.³ Two of these samples are associated

² Historical use of coal tar sealant on the parking lot is suspected as causing the elevated PAH levels.

with the Rainier Commons property on Airport Wy S where the exterior building paint contains elevated levels of PCBs. See Appendix D for further details. Other samples where PCBs were above the 2LAET include:

- One private onsite catch basin (CB121) at a company that makes models and prototypes for products/parts has exceeded the 2LAET screening level for PCBs on two occasions (3,700 and 8,300 ug/kg dw). It was last inspected in August 2010 and no sources of PCBs were identified.
- A composite of two private onsite catch basins (1,570 ug/kg PCBs at CB177) at a business that provides security systems services.
- Sediment traps at ST2 (1,100 ug/kg dw) and ST5 (3,250 ug/kg dw), as well as an inline grab at ST1 (13,300 ug/kg dw in sampled collected on April 30, 2010). None of the other 32 samples collected at these sites exceeded the 2LAET. PCB concentrations in the other samples ranged from <19 to 890 ug/kg dw and averaged about 168 ug/kg.</p>
- One inline grab (6,000 ug/kg dw PCBs at MH267) located
- One right-of-way catch basin (2,700 ug/kg dw PCBs at RCB351) located in a parking strip adjacent to the 1st Ave S overpass near S Dakota St.

While exceedances of LAET/2LAET screening levels have occurred at various locations in the Diagonal Ave S drainage basins, concentrations at the most downstream sediment trap (ST1 at Diagonal Ave S west of E Marginal Wy S) have been relatively low (except for phthalates). As shown in Figure C-2, lead and mercury concentrations at ST1 are consistently below the SCO screening levels. PCBs and BEHP are plotted in Figure C-3. PCBs are consistently below the 2LAET screening level, while BEHP is well above the screening level. Phthalates are widespread in urban areas and will be difficult to control.

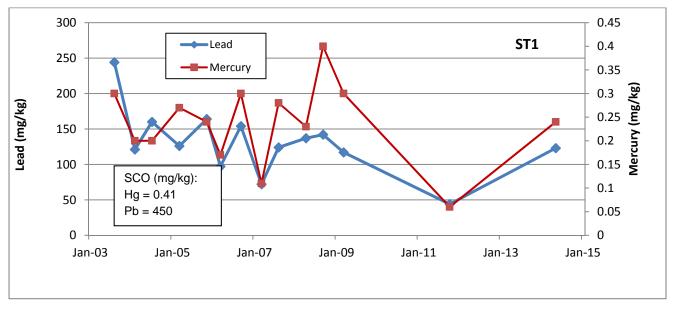


Figure C-2: Diagonal Ave S sediment trap (ST1), mercury and lead (2003-2014).

³ Does not include samples in areas where the storm drains and associated structures were later cleaned.

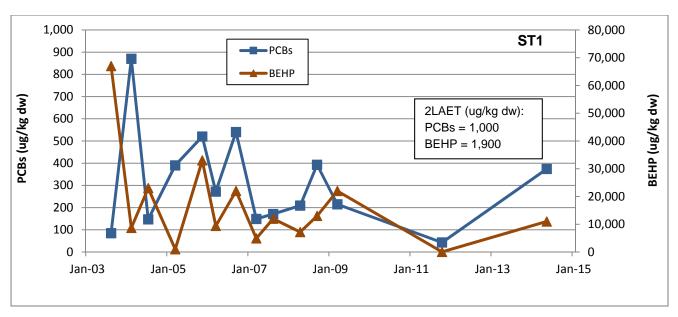


Figure C-3: Diagonal Ave S sediment trap (ST1), PCBs and BEHP.

As noted earlier, SPU removed the sediment traps in the Diagonal Ave S drainage system because concentrations for most chemicals were relatively stable. However, ST1 (downstream end west of E Marginal Wy S) and ST7 (S Dakota St and 6th Ave S) were reinstalled in 2012 to enable SPU to track changes in concentrations over time (Map 55a).

1.2.1. S Snoqualmie St Sub-basin

The S Snoqualmie St sub-basin is a 103-acre industrial area located between I-5 and the railroad corridor (Map 80). In 2008-2009, SPU conducted extensive source tracing and inspections in the S Snoqualmie St sub-basin to identify sources of the elevated levels of mercury (0.48 - 2.2 mg/kg) and lead (461 - 1,300 mg/kg) found in right-of-way catch basins and inline samples.

- Mercury (21 mg/kg) and lead (1,230 mg/kg) were found in an onsite sump at a barrel cleaning facility located on Airport Wy S (CB130), but the sump is plumbed to the combined sewer, not the separated storm drain system. King County Industrial Waste regulates discharges to the combined sewer at this site. SPU required the barrel cleaning facility to stop unloading drums in the right-of-way and to install barriers to prevent runoff and washwater from entering the street.
- One right-of-way catch basin (RCB217), located opposite a storage facility on 7th Ave S that is used by the barrel cleaning facility, contained 2.2 mg/kg mercury and the inline sample on the downstream mainline on S Snoqualmie St (MH208) contained 0.76 mg/kg mercury. The site was inspected in 2003 and 2010, but no sources of mercury were identified.
- A sample collected in 2003 from a private onsite catch basin during a routine inspection at a site on 7th Ave S (CB2) contained elevated levels of mercury (0.50 mg/kg). The owner was required to clean the catch basin. CB2 was re-sampled in 2005 (sample CB81) following cleaning and mercury levels had dropped to 0.15 mg/kg.

Other samples collected from structures on the 7th Ave S drain line contained lower concentrations of mercury (<0.02-0.15 mg/kg). In 2010, SPU jetted and cleaned the drainage lines on S Snoqualmie St, 7th Ave S, 6th Ave S, S Alaska St, and Airport Wy S, a total of approximately 8,290 ft (see Map 80).

In 2013, SPU resampled a maintenance hole on S Snoqualmie St (MH18) where sediment tends to accumulate (see Map 80).⁴ Lead concentrations were below the CSL screening level, but mercury (7.6 mg/kg) continued to exceed the CSL screening level after cleaning. Much higher levels of PCBs (45.9 mg/kg dw) were also found in MH18, compared to the levels found prior to cleaning (0.253 - 0.46 mg/kg dw). These results are consistent with sampling conducted by Ecology (SAIC 2011). The Ecology study was designed to evaluate various sampling methods (i.e., stormwater, base flow, filtered solids, sediment traps) for use in source tracing. Two of the four Ecology sampling stations (SQ2 and SQ3) are co-located with SPU sampling stations (see Map 80). Results from pre- and post-cleaning samples are summarized in Table C-3.

Table C-3: Pre- and post-cleaning samples collected from the S Snoqualmie St sub-basin in the Diagonal Ave S CSO/SD.

		Pre-cleaning		Post-cleaning			
	Mercury	Lead	PCBs	Mercury	Lead	PCBs	
MH18/SQ3	0.48 - 1.02	461 - 538	0.253 - 0.46	3.48 - 7.6	178 - 326	1.13 - 45.9	
MH208/SQ2 0.	76	193		0.6 - 2.06	229 - 237	0.59 - 6.6	
RCB218 2.2		433	0.39				
CB130	21 1,230	41					
CB2/CB81	0.15 - 0.50	473 - 1,110	<0.21 - 0.43				
RCB51 < 0.02		412	0.35				
MH209	0.13	333					

Units = mg/kg dw

MH18: Inline grab on S Snogualmie St at 6th Ave S.

SQ3: Results from 3 filtered stormwater solids, 1 filtered baseflow solids, 1 tide water filtered solid,

and 1 sediment trap samples collected on S Snoqualmie St at 6th Ave S

MH208: Inline grab on S Snoqualmie St at 7th Ave S.

SQ2: Results from 2 filtered stormwater solids and 1 sediment trap collected on S Snoqualmie St at 7th

Ave S

RCB217: Right-of-way catch basin sample on 6th Ave S in front of barrel storage facility

CB130: Sump at barrel cleaning facility

CB2/CB81: Private onsite catch basin at site on 7th Ave S north of S Oregon St

RCB51: Dirt from driveway on S Snoqualmie St at barrel storage facility

MH209: Inline grab on 7th Ave S near S Oregon St

In 2014, SPU conducted additional source tracing in the S Snoqualmie sub-basin. All businesses in the area were re-inspected and where possible, onsite samples were collected at each business. Two sources of PCBs were found, one associated with exterior paint (2.9 - 32 mg/kg dw PCBs) and one associated with a site that had undergone an independent cleanup within the last few years (16.1 - 145 mg/kg PCBs). The property owners were required to sweep their sites and clean their onsite drainage systems to remove PCB-contaminated material. In addition, one of the properties was required to clean the adjacent storm drains in the street (including MH18), because data indicated that PCBs had migrated offsite. See Appendix D for further description of these two sites.

SAIC (2011) also collected 2 base flow and 3-4 stormwater samples at each of the 4 sampling locations in the S Snoqualmie St sub-basin (see Map 80). Mercury was detected in only 3 of the 22 water samples. However, PCBs were detected at all 4 stations (Table C-4). The highest concentrations measured at Stations SQ1 and SQ2 were in base flow samples.

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⁴ MH18 contains an approximately 3-foot sump, which is effective in trapping sediment.

Table C-4: PCBs in water samples collected from S Snoqualmie St sub-basin.

	SQ1	SQ2	SQ3	SQ4
Baseflow				
# of samples	2 2 2 2			
# of detects	1 2 2 0			
Range	0.198	0.043 - 9.15	0.048 - 0.115	
Stormwater				
# of samples	4 3 4 4			
# of detects	2 2 4 3			
Range	0.013 - 0.032	0.011 - 0.123	0.073 - 0.344	0.011 - 0.062

Units: ug/L

Reference: SAIC 2011.

PCBs were also detected in all three tidal water samples collected from the S Snoqualmie St subbasins (0.014 - 0.025 ug/L).

1.2.2. S Dakota St Sub-basin

The S Dakota St sub-basin includes a 145-acre residential area in the Beacon Hill neighborhood, approximately 63 acres in the I-5 corridor, and approximately 86 acres in the industrial area west of I-5 (Map 86). SPU found elevated levels of mercury at the following locations:

- An inline grab collected from the 24-inch line on 6th Ave S (1.34 mg/kg)
- A private onsite catch basin (CB121) located at a company on S Industrial Wy that makes models and prototypes for products/parts (0.66 0.86 mg/kg)
- One of the 8 samples collected from the sediment trap on S Dakota St at 6th Ave S (1.28 mg/kg at ST7). None of the other seven samples collected at ST7 (<0.05 0.13 mg/kg) exceeded the SCO screening level for mercury.

SPU has inspected the company on S Industrial Wy twice and has not found any problems at the site. SAIC (2011) collected a filtered stormwater solids sample at the ST7 location (SAIC station DK4) in 2011 after the mainline on S Dakota St had been cleaned. Mercury (0.24 mg/kg) remained below the SCO screening level after cleaning.

1.2.3. Post-Cleanup Samples Offshore of the Diagonal Ave S CSO/SD outfall

Results from samples collected from 2006 - 2010 following completion of the 2005 Duwamish/Diagonal Early Action Area cleanup show that BEHP and butylbenzylphthalate concentrations have increased and are now above the SCO at the station closest to the outfall (Station DUD_1A located 100 feet offshore of the outfall) (Anchor 2007, King County and Anchor 2008, King County 2010, 2015b). BEHP also exceeded the CSL in the 2010 sample. Phthalates also increased in the first few years following cleanup, exceeding the SCO at Station DUD_2A, which is located 170 feet upstream of the outfall. However, concentrations of both BEHP and butylbenzylphthalate declined in 2009-2010, dropping below the SCO at Station DUD_2A. Samples collected at Station DUD_3A, located 220 feet offshore of the outfall were generally lower, but exceeded the SCO for BEHP in 2008 and for phenol in 2010. No other chemicals exceeded SMS at DUD_3A. Time series charts for BEHP and butylbenzylphthalate, presented in Figures Figure C-4 and Figure C-5 show that phthalate concentrations appear to have reached equilibrium at about 500-1,000 ug/kg dw BEHP and 60-110 ug/kg butylbenzylphthalate.

Sporadic PCBs exceedances of the SCO, but below CSL, have been reported at the two stations located within 200 feet of the outfall (DUD_1A and DUD_2A, Table C-5). However, as shown in , PCB concentrations in the 3 stations located nearest the outfall appear to have reached equilibrium at 50-100 ug/kg dw. Station DUD_1A showed a small increase in PCBs between the 2008 and 2009 samples, but concentrations were below the LAET. King County (2015b) concluded that "PCB concentrations in Cap Areas A and B and the enhanced natural recovery area appear to be stable and within the range of anthropogenic background." Post-cleanup sampling was discontinued after 2010.

1,4-Dichlorobenzene and dimethyl phthalate exceeded the CSL at the closest station in 2008. However, concentrations of both these chemicals were below the SCO in subsequent samples collected in 2009 and 2010.

Table C-5: Chemicals exceeding SCO offshore of Diagonal Ave CSO/SD following early action area cleanup.

Sample Station	DUD_1A	DUD_2A	DUD_3A
Distance from outfall (ft)	100	170	225
Direction	Opposite	Upstream	Upstream
2005 Benzyl	alcohol ^b , BEHP ^b , dimethyl phthalate, PCBs ^a , fluoranthene	BEHP, butylbenzyl phthalate, PCBs	BEHP, butylbenzyl phthalate, PCBs
2006	Benzoic acid, BEHP ^b , butylbenzyl phthalate, PCBs	BEHP, butylbenzyl phthalate	None
2007 BEHP	^b , butylbenzyl phthalate	BEHP None	
2008 D	imethyl phthalate ^b , 1,4-dichlorobenzene, butylbenzyl phthalate	BEHP, PCBs ^a BEHP	
2009 BEHP		None	None
2010 BEHP	^b , butylbenzyl phthalate	Phenol ^b Phenol	

Reference: Anchor (2007), King County and Anchor (2008, 2010), King County (2015b)

- a. PCB results could not be OC normalized because of high TOC in sample. Dry weight concentration exceeded the LAET for PCBs.
- b. Exceeds SCO and CSL.

Appendix C Summary by Outfall

⁵ Cap area A is immediately offshore of the Diagonal Ave S CSO/SD outfall. Cap area B is located immediately offshore of the former Diagonal Avenue treatment plan outfall, and the ENR is offshore of Cap area B. Anthropogenic background concentrations for PCBs (40-90 ug/kg dw) were evaluated in the LDW Feasibility Study (AECOM 2012a).

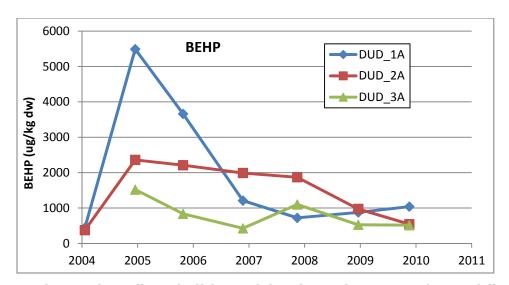


Figure C-4: BEHP in samples collected offshore of the Diagonal Ave S CSO/SD outfall post cleanup.

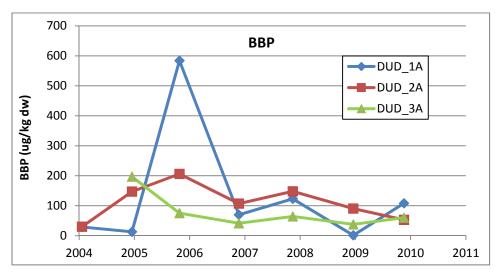


Figure C-5: BBP in samples collected offshore of the Diagonal Ave S CSO/SD post cleanup.

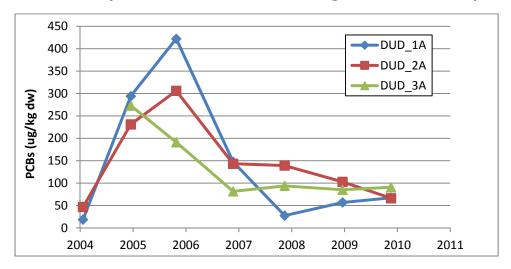


Figure C-6: PCBs in samples collected offshore of the Diagonal Ave S CSO/SD outfall post cleanup.

1.2.4. Next Five Years

Mercury, HPAH, and PCBs are the primary contaminants of concern in the Diagonal Ave S CSO/SD system, although these contaminants are found in different sub-basins within the overall drainage basin. Over the next five years, SPU intends to:

- Monitor mercury and PCBs in the S Snoqualmie St sub-basin to assess whether source control actions have been effective.
- Conduct source tracing in the Bush Pl sub-basin to locate source(s) of HPAHs.
- Conduct source tracing along Beacon Ave where elevated levels of lead were recently found in an inline sample.
- Work with businesses where elevated levels of mercury, LPAH, and HPAH have been found in private onsite catch basins to identify and control the source of these chemicals.
- Continue to monitor the two sediment traps installed in this system (ST1 and ST6).
- Continue inspecting businesses in the basin.

1.3. 1ST **AVE S SD (EAST)**

The 1st Ave S SD (east) serves a 15-acre basin under the 1st Ave S Bridge (see Map 6). The drainage basin covers areas under the bridge, approaches to the bridge, and portions of E Marginal Wy S. Stormwater passes through a biofiltration swale before discharging to the waterway. Most of this drainage system was installed between 1999 and 2001, when the 1st Ave S bridge and approaches were modified. SPU has collected two inline grab samples (MH264 and MH265) from the two main trunk lines connected to this outfall. Results are summarized in Table C-6.

Table C-6: Summary of chemicals exceeding SMS screening levels in 1st Ave S SD (east).

	SCO LAET	CSL 2LAET	MH264	MH265	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	7	7	0	0
Copper 390		390	73.9	401	50	50
Lead 450		530	38	130	0	0
Mercury 0.	41	0.59	0.03	0.04	0	0
Zinc 410		960	526	550	100	0
TPH-oil 2,	000ª 2,	000ª 91	0	1,200	0	0
LPAH 5,	200	5,200	180	752	0	0
HPAH 12,	000	17,000	1,938	3,147	0	0
cPAH 1,	000 ^b 1,	000 ^b 26	4	388	0	0
PCBs 130		1,000	54	109	0	0
BEHP 1,	300	1,900	1,300	2,600	50	50
Butylbenzyl phthalate	63 900		350	570	100	0
Dimethyl phthalate	71 160		<53	64	0	0

Samples collected June 6, 2013.

- a. MTCA Method A soil cleanup level for unrestricted use
- b. Sediment remedial action level.

Only copper, zinc, and phthalates exceed the screening levels.

There were no exceedances of SCO in a sample collected directly offshore of the biofiltration swale (LDW-SS2503-A; SAIC 2011). Likewise, there were no exceedances of SCO in a sample collected about 100 feet downstream of the swale outlet (LDW-SS71; AECOM 2012a).

1.4. S RIVER ST SD

The S River St SD serves a 6.5-acre industrial area on the north side of Slip 3 (see Map 8). The entire drainage system was jetted and cleaned in 2009 - 2010 because previous samples contained elevated levels of arsenic (12 - 110 mg/kg), copper (39 - 470 mg/kg), zinc (332 - 1,170 mg/kg), motor oil (270 - 9,300 mg/kg), and PCBs (54 - 1,490 ug/kg dw). In 2011-2012, SPU collected three samples (2 inline grabs, MH211 and MH220 and one ROW catch basin, RCB192) after enough sediment had accumulated in the system. As shown in Table C-7, arsenic, copper, and zinc concentrations are lower than observed before cleaning, but PCBs have remained the same, and HPAH concentrations have increased. The median and mean concentrations of HPAH and PCBs after cleaning are also on the higher end of the ranges found in other storm drains sampled in the LDW.

Table C-7: Metals, HPAH, and PCBs in the S River St SD after cleaning compared to other storm drain in the LDW.

	Arsenic (mg/kg)	Copper (mg/kg)	Zinc (mg/kg)	HPAH (ug/kg dw)	PCBs (ug/kg dw)						
	S River St SD pre-cleaning										
Range	12 - 100	38.5 - 470	332 - 1,170	3,120 - 11,490	54 - 1,490						
Median 36		130	562	4,915	286						
Mean 48		208	648	6,133	466						
S River St SD post-cleaning											
Range	4.5 - 36	100 - 192	352 - 732	5,660 - 26,160	201 - 870						
Median 10		153	475	6,000	291						
Mean 17		148	520	12,600	454						
		Other LDV	V storm drains		•						
Range	2.5 - 180	9 - 3,000	44 - 4,100	10 - 585,400	8 - 45,900						
Median	4 - 25	26 - 169	150 - 600	670 – 7,700	20 - 230						
Mean	5 - 28	30 - 300	170 - 800	1,300 - 9,000	31 - 400						

HPAH (26,160 ug/kg dw) exceeds the 2LAET screening level in one inline sample (MH211), the last maintenance hole before the outfall; TPH-oil was also elevated at this location (3,600 mg/kg). No other chemicals exceed the 2LAET screening level; however zinc (353-732 mg/kg) and PCBs (201-870 ug/kg dw) exceeded the SCO/LAET screening level at one or more locations.

In 2011, Ecology (SAIC 2011) collected two surface sediment samples (SSRVSTSD-A, -D) about 50 feet offshore of the S River St outfall and found no exceedances of metals, PCBs, or PAHs. Benzyl alcohol is the only chemical that exceeded the SMS. There were no SMS exceedances in another sample collected about 50 feet upriver from the outfall (LDW-SS74, AECOM 2012a); however PCBs exceeded the SCO at station LDW-SS329 located approximately 150 feet offshore of the S River St SD outfall.

HPAH is the primary chemical of concern in this storm drain. However, PCBs concentrations were close to the 2LAET trigger in one of three samples collected since the system was cleaned in 2008 (870 ug/kg dw at MH 220). Over the next five years, SPU plans to:

- Conduct source tracing to identify source(s) of HPAH in this system
- Establish a routine monitoring station near the downstream end of the system and regularly sample solids using either an inline sediment trap if the upcoming pilot test identifies a suitable design for small diameter pipes or collecting inline grabs if sufficient sediment accumulates in the system.
- Continue to inspect businesses in the basin to ensure that they implement appropriate source control BMPs.

1.5. S BRIGHTON ST SD

The S Brighton St SD serves a 17-acre industrial basin located between Slip 3 and Slip 4 (see Map 9). SPU plugged the overflow from the combined sewer that had been connected to this outfall in 2012 (Figure 7 and Figure 8).

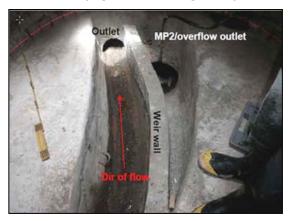


Figure 7: S Brighton CSO before sealing.



Figure 8: S Brighton CSO after sealing.

The entire system (all City-owned lines and structures) was cleaned in 2009 - 2010 because previous samples contained elevated levels of arsenic (6 – 1,420 mg/kg), copper (36 -848 mg/kg), lead (15 – 957 mg/kg), mercury (<0.02 – 3.41 mg/kg), zinc (143 – 4,000 mg/kg), motor oil (110 – 30,000 mg/kg), LPAH (11 – 13,645 ug/kg dw), HPAH (136 – 110,200 ug/kg dw), and PCBs (28 – 3,460 ug/kg dw).

SPU re-sampled the system in 2012, collecting three inline samples (MH205, MH222, and MH226, see Map 58). As shown in the box plots in Appendix B, concentrations are comparable with concentrations found in other storm drains sampled in the LDW. The SCO/LAET screening levels for zinc (519 mg/kg) and PCBs (158 ug/kg dw) were exceeded only at MH226. No other samples and no other chemicals exceeded the screening levels in these three inline samples.

The highest concentrations in this system were found in a private onsite catch basin (CB163) collected in 2010 at a bulk fuel storage facility located on S Brighton St. Chemicals exceeding the screening levels included motor oil (6,200 mg/kg), zinc (810 mg/kg), BEHP (10,000 ug/kg dw) and dimethyl phathalate (520 ug/kg dw). SPU has worked with the bulk fuel distributor to eliminate discharges from the tank farm containment area to the storm drain system. The onsite drainage system used to be configured with a two pumps and dual valves to allow contaminated stormwater to be discharged to the sanitary sewer and uncontaminated stormwater discharged to the storm drain. However, this system operated without the proper authorization from King County. Stormwater that accumulates in the containment area is now transported offsite for disposal.

In 2011, Ecology collected three surface sediment samples 50-60 feet offshore of the S Brighton St SD outfall (SSBRSTSD-A, -D, and -U)⁶. Benzyl alcohol exceeded the CSL at all three stations and hexchlorobenzene exceeded the SCO at the station adjacent to the outfall (SAIC 2011). No other chemicals exceeded the SCO at these three stations. Fluoranthene exceeded the SCO in a sample collected (DR112) about 140 feet downstream of the outfall. No other chemicals exceeded the SCO at this station or at the two other samples collected within 200 feet of the outfall (LDW-SS524 and EST187), both of which are located downstream of the outfall.

Over the next five years, SPU plans to regularly sample a maintenance hole located near the end of the pipe in this system (using either an inline trap or by collecting inline grabs if sufficient sediment accumulates in the system) to monitor conditions in this system and will continue to inspect businesses in the basin.

1.6. S MYRTLE ST SD

The S Myrtle St SD serves a 6-acre industrial basin located between Slip 3 and Slip 4 (see Map 10). This entire system (City-owned storm drain lines and structures) was cleaned in 2009 – 2010 due to elevated levels of copper (291 – 2,110 mg/kg), lead (192 – 675 mg/kg), mercury (0.33 – 1.88 mg/kg), zinc (985 – 2,420 mg/kg), motor oil (2,900 – 10,000 mg/kg), and PCBs (840 – 3,700 ug/kg dw). This storm drain is heavily impacted by activities at an adjacent metal recycling facility located on the south side of S Myrtle St and its storage yard located on the north side of S Myrtle St. See the discussion of Seattle Iron and Metals Company in Appendix D for more details. Samples collected in 2011 – 2012 after cleaning show ongoing exceedances of CSL/2LAET screening levels for arsenic, copper, lead, mercury, zinc, and PCBs (Table C-8). Motor oil is also elevated (2,700 – 20,000 mg/kg). Metals and PCBs concentrations measured in this system are significantly higher than in other City storm drains in the LDW basin (see box plots in Appendix B).

The 3.2-acre adjacent storage yard on the north side of S Myrtle St is used by the metal recycling facility to store equipment. The yard is unpaved and contributes a significant amount of solids to the drainage system. SPU inspectors have worked with Seattle Iron and Metals Company to either cover or move under cover, the metal bins, which contain metal shavings and oil that leak onto the ground and to implement engineering controls to reduce the amount of sediment discharged from the yard. Both of the metal recycling sites are permitted by Ecology (one individual permit and one industrial general stormwater permit). SPU has referred these sites to Ecology and is awaiting resolution of permit compliance issues before taking any additional action in this basin.

Ecology (SAIC 2011) collected one surface sediment sample (SS2027-A) approximately 30 feet offshore of the S Myrtle St SD outfall. Mercury, zinc, PCBs, and butyl benzyl phthalate exceeded the SCO. BEHP, benzoic acid, and benzyl alcohol exceeded the CSL. There were no SMS exceedances in two other samples (LDW-SS83 and DR116) collected about 80 feet downriver and 120 feet across from the outfall, respectively (AECOM 2012a).

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⁶ -A = opposite outfall, -U = upstream of outfall, -D = downstream of outfall

Table C-8: Summary of chemicals exceeding SMS screening levels in S Myrtle St SD post cleaning.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples > CSL 2LAET screening level
Arsenic	57	93	5	6.3	22	16	20	0	0
Copper 390		390	5	193	3,280	1,300	860	60	60
Lead 450		530	5	174	904	482	351	40	40
Mercury 0.	41	0.59	5	0.24	1.53	0.64	0.38	40	40
Zinc 410		960	5	763	5,880	4,170	3,735	100	86
TPH-oil 2,	000a 2	, 000° 5		2,700	20,000	9,120	8,600	100	100
LPAH 5,	200	5,200	5	220	3,040	1,930	2,510	0	0
HPAH 12,	000	17,000	5	2,737	11,840	5,930	4,480	0	0
cPAH 1,	000 ^b 1	, 000 ^b 5		189	1,188	549	365	20	20
PCBs 130		1,000	5	360	8,230	2,680	1,020	100	60
BEHP 1,	300	1,900	5	5,700	84,000	35,100	14,000	100	100
Butylbenzyl phthalate	63 900)	5	660	6,200	3,010	1,500	100	60
Dimethyl phthalate	71 160)	5	29	1,400	566	370	80	60

N = number of samples

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

Samples collected May 2010 through April 2011

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level.

Actions that the City will take in this area over the next 5 years include the following:

- Establish a routine monitoring station near the downstream end of the system and regularly sample solids using either an inline sediment trap if the upcoming pilot test identifies a suitable design for small diameter pipes or collecting inline grabs if sufficient sediment accumulates in the system.
- SPU will continue working with SIMC to control trackout issues from their site and will continue to inspect the two Filterra® stormwater treatment units that SIMC installed adjacent to the driveway to ensure that SIMC maintains these units.
- SDOT will continue to sweep S Myrtle St on a weekly basis as part of the City's ongoing Street Sweeping For Water Quality Program
- The City will continue to seek funding to stabilize the unpaved shoulder that currently exists along portions of the north side of S Myrtle St. Two potential options are currently being considered as part of the Integrated Plan that SPU is developing under a Consent Decree with EPA and Ecology. The Integrated Plan, which is scheduled to be submitted to EPA and Ecology in May 2015, is evaluating a number of stormwater treatment projects that could be constructed in exchange for deferring construction of some low priority CSO control projects. The stormwater projects would achieve as good or better reductions in pollutant loading to Seattle area receiving water bodies. The S Myrtle St projects are being considered in conjunction with a number of other projects throughout the City. See Section 7.9 of the plan for a description of the Integrated Plan projects.

1.7. S GARDEN ST SD

The S Garden St SD serves an 12-acre industrial basin located between Slip 3 and Slip 4 (see Map 11). A metal recycling facility, Seattle Iron and Metals Company (9.6 acres) takes up the majority of the drainage basin. Runoff from approximately 0.97 acres of the S Garden St right-of-way and 0.46 acres from a rental facility on 8th Ave S, also discharge to this outfall. Seattle vacated a portion of S Garden St to the metal recycling facility, Seattle Iron and Metals, Inc. (SIMC) in 1999 when they relocated to this location from their previous location on Harbor Island. Runoff from the Seattle Iron and Metals Company property is collected and treated in an onsite wastewater treatment system before discharging to the outfall. However, roof runoff from most of the buildings on the property is not treated and discharges directly to the outfall.

The City-owned portion of this system was cleaned in 2009-2010 at the same time the other adjacent storm drains were cleaned. Only one sample had been collected from this system prior to cleaning. The sample was collected from a right-of-way catch basin (RCB146) located adjacent to the S Garden St entrance to the metal recycling facility (see Map 60). Results showed elevated levels of copper (1,020 mg/kg), lead (670 mg/kg), mercury (1.08 mg/kg), and PCBs (2,560 ug/kg dw), which were comparable to the levels found in the adjacent S Myrtle St drainage system.

Because SIMC occupies the majority of the drainage basin and the outfall structure is located on SIMC property, which makes it difficult for SPU to maintain, SIMC agreed to take over ownership of the outfall in 2012. SIMC is now responsible for operating and maintaining the 586 feet of pipe in the vacated portion of S Garden St and in 2014, installed a Filterra® stormwater treatment system on S Garden St as part of its expansion on 701 S Orchard St property. SIMC has agreed to operate and maintain this system. SPU negotiated this agreement because of concerns about potential impacts to this catch basin from trucks conveying auto shredding residuals along S Garden St between SIMC's metal recycling facility on 601 S Myrtle St and the new facility on S Orchard St. SPU added S Garden St to its street sweeping routes in 2014. It is currently swept every other week.

Elevated levels of copper (899 mg/kg) and mercury (0.71 mg/kg) were found in a street dirt sample collected from material that had accumulated in front of the two Filterra® units on S Garden St. This location receives runoff from industrial streets and properties along S Garden and 8th Ave S, and is used by Seattle Iron and Metals to transport auto shredding residuals from their main yard on S Myrtle St to their new facility located at 701 S Orchard St.

Ecology (SAIC 2011) collected three surface sediment samples (SS2035-A, -D, -U) 7 within 50 feet of the S Garden St SD outfall. Acenaphthene and dibenzofuran exceeded the SCO at the upriver station and benzyl alcohol exceeded the CSL at all three stations. Three other samples have been collected within 120-140 ft of the outfall (DR118, EST185, and DR119, Windward 2010). Only the upriver station (DR119) exceeded an SCO level (PCBs).

Seattle Iron and Metals, Inc. has an individual NPDES permit from Ecology. Ecology is working with the company to improve onsite controls. SPU intends to conduct the following activities in this drainage basin in the future:

- Establish a routine monitoring station in the maintenance hole located near the west end of the City right-of-way on S Garden St. Inline solids samples will be collected each year using either an inline sediment trap if the upcoming pilot test identifies a suitable design for small diameter pipes or collecting inline grabs if sufficient sediment accumulates in the system.
- Monitor track out of auto shredding residuals on S Garden St and require controls, as necessary
- Coordinate with Ecology inspectors on SIMC inspections and conduct joint inspections, as necessary.

⁷ -A: directly offshore, -D: downriver, and -U: upriver.

- Continue to inspect the other active business in this drainage basin, which has a high priority ranking
- Inspect the Filterra® unit to make sure it is maintained appropriately
- Collect inline grab samples at the maintenance hole on the portion of the system that is still owned by SPU.

1.8. I-5 SD AT SLIP 4

The I-5 SD at Slip 4, constructed by WSDOT in 1965, serves a 150-acre basin. The upper 44 acres consists of a primarily residential neighborhood along the west slope of Beacon Hill. The 1.3 mile I-5 corridor covers about 60 acres and the remaining area is made up of industrial properties and railroad property along Airport Wy S, and a few small parcels along Ellis Ave S (Seattle Fire Station #27, Air National Guard property, as well as a convenience store/gas station). The drainage system and basin boundaries are shown on Map 13.

SPU has collected 22 samples from the I-5 S SD at Slip 4 drainage system (3 private onsite catch basin grabs, 3 right-of-way catch basin grabs, 3 inline grabs, and 16 sediment trap samples). Results are summarized in Table C-9. Sampling locations are shown on Map 62.

Table C-9: Summary of chemicals exceeding the SMS screening levels in the I-5 SD at Slip 4 drainage system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples > CSL 2LAET screening level
Arsenic	57	93	22	3	50	10	5	0	0
Copper 390		390	22	38	6,320	428	103	9	9
Lead 450		530	22	10	481	134	106	5	0
Mercury	0.41	0.59	22	0.02 0.	34 0.	08	0.04	0	0
Zinc 410		960	22	93	3,420	627	488	63	5
TPH-oil 2,	000ª 2	, 000ª 1	9	290	4,700	1,650	1,400	26	26
LPAH 5,	200	5,200	22	19	21,160	1,760	830	5	5
HPAH 12,	000	17,000	22	140	150,600	10,200 4,	, 180	5	5
cPAH 1,	000 ^b 1	, 000 ^b 2	2	35	21,440	1,400	505	5	5
PCBs 130		1,000	23	10	7,800	531	160	57	4
BEHP 1,	300	1,900	22	180	16,000	5,180	5,550	77	77
Butylbenzyl phthalate	63 900)	22	10	1,900	398	350	86	5
Dimethyl phthalate	71 160)	22	10	215	90	98	59	9

N = number of samples. Note that some of the sediment traps could not be analyzed for all parameters because there was insufficient material in the trap.

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level.

Samples collected December 2004 through April 2014.

Arsenic and mercury concentrations are below the SCO/CSL screening levels in all samples. Copper exceeded the SCO/CSL in two samples (6,320 mg/kg at CB45 and 720 mg/kg at RCBD071039). RCB-D071039 is 570 feet downstream of CB45. Copper was not elevated in the next maintenance hole downstream (59.4 mg/kg at RCB-D071041). Other chemicals that were

elevated in CB45 include lead (481 mg/kg), zinc (4,820 mg/kg), LPAH (21,160 ug/kg dw), and HPAH (150,600 ug/kg dw). Lead, zinc, LPAH, and HPAH were below the CSL/2LAET screening levels in all other samples collected from the I-5 SD at Slip 4 system. CB45 is located adjacent to a building that was used by a metal finishing facility on King County International Airport property. The dust collection system was next to the catch basin, but was removed when the business relocated. King County cleaned the catch basin and continues to monitor this location (Dumaliang 2013).

The first sediment trap sample collected at SL4-T6 in 2005 exceeded the 2LAET screening level for PCBs (7,800 ug/kg dw). None of the 14 other samples collected since then and no other samples collected in the drainage basin have exceeded the 2LAET for PCBs. PCB concentrations in other samples collected from this system ranged from 18.6 to 470 ug/kg dw.

PCBs are the primary chemical of concern in the surface sediments in Slip 4. PCB concentrations in samples collected within 200 feet of the five outfalls located at the head of Slip 4 exceed the CSL. Other chemicals that have also been found above SMS in the nearshore samples from the head of Slip 4 include lead, mercury, zinc, HPAH and multiple HPAH components, phenanthrene, and phthalates (bis[2-ethylhexl]phthalate and di-n-octylphthalate, AECOM 2012a and Integral 2006).

In 2012, the City of Seattle completed an Early Action Area cleanup (Integral 2012). Seattle conducted post-construction sampling in 2012 (baseline), 2013 (Year 1 sampling), and 2015 (Year 3 sampling). Visual observations of cap conditions were made in 2014, but no sampling was conducted per the long term monitoring plan (Integral 2012). Results for samples collected within 200 ft of the I-5 SD at Slip 4 outfall are summarized in Table C-10 (Integral 2013, Hanson 2016).

Stationa	Distance from outfalls	(u	PCBs g/kg dv	v)	HPAH (ug/kg dw)			BEHP (ug/kg dw)		
		2012	2013	2015	2012 2013 2015			2012	2013	2015
WC-1 70		5.5	89	290 J	52 J	1,865	4,300 J	68 U	1,800	7,000
WC-2 100		24	101	77 J	263 J	1,242	630 J	120 U	470	500
SC-2 5	0	5.7	17.8	14.1	179 J	271 J	267 J	100 U	120	300
SC-3 190		3.8 U	6	2.8	18 U	75 J	69 J	22 U	48 U	47U

Table C-10: Post-cleanup sediment samples in Slip 4.

a. WC samples were collected from the waterway cap and SC samples were collected from the slope cap.

Concentrations of PCBs, HPAH, and BEHP have increased in the samples collected immediately after cleanup in 2012 and subsequent post-cleanup samples in 2013 and 2015, except at Station SC-3 where concentrations have remained fairly constant. SMS exceedances have occurred only at Station WC-1. The TOC content of the 2015 WC-1 sample (5.63 percent) was outside the range where TOC normalization is allowed. Therefore, the 2015 samples were compared to the dry weight equivalent SMS values, the LAET and 2LAET. BEHP exceeded the SCO in the 2013 sample (48 mg/kg OC) and the 2LAET in the 2015 sample (7,000 ug/kg dw). Other chemicals that have exceeded SCO/LAET at WC-1 (in the 2015 samples only) include benzyl alcohol (260 J ug/kg dw), and zinc (499 mg/kg dw), PCBs (290 J ug/kg dw), and butylbenzyl phthalate (260 ug/kg dw).

Over the next five years, SPU will continue to deploy the sediment trap (SL4-T6) in this system and inspect businesses in the basin.

1.9. GEORGETOWN SD

SPU constructed the Georgetown SD to replace the old flume that served the Georgetown Steam Plant, in 2009 when Seattle City Light (SCL) removed the flume and contaminated soil adjacent to the flume. The flume was a system of wood and concrete-lined channels constructed after the Duwamish Waterway was straightened in 1916. It was originally built to convey cooling water from the Georgetown Steam Plant to the Duwamish Waterway. Cooling water discharge was

discontinued when the power plant ceased operation in the 1960s. However, the flume, which was owned and operated by Seattle City Light (SCL), continued to serve as a drainage channel conveying stormwater runoff from portions of the steam plant property, North Boeing Field, the Washington National Guard property on Ellis Ave S, as well as a short section of S Myrtle St and the adjacent parcels.

The Georgetown SD follows the same alignment as the old flume, but most of the area east of the flume on North Boeing Field has been disconnected from the storm drain. Runoff from only a few small paved parking and storage areas on NBF continue to discharge to the storm drain. Other areas draining to this system include the roof of the Georgetown Steam Plant, a short section of S Myrtle St and adjacent parcels, and the areas immediately adjacent to the storm drain. The drainage basin and system are shown on Map 12. Total drainage area is approximately 6 acres. SPU also installed two biofiltration swales along the drainage corridor on to treat runoff from S Myrtle St.

The Georgetown SD has the capacity to convey runoff from all of the Steam Plant property. SCL has plans to improve the property in the next 5 years to provide better access. As part of those improvements, additional runoff would be routed to the Georgetown SD, including overflows from the existing bioretention system that was installed in the low lying area at the southwest corner of the property when SCL conducted additional soil/groundwater remediation in 2012, runoff from areas along the north and west sides of the building, and foundation drains. Some of the roof will be disconnected from the Georgetown SD and routed to a bioretention cell to be constructed on the east side of the building.

In 2014, SPU collected a sample from a maintenance hole (MH23) located near the downstream end of the Georgetown SD. Metals were all below the SCO screening level. Chemicals that exceeded the CSL/2LAET screening levels include TPH-oil (7,900 mg/kg), LPAH (5,780 ug/kg dw), HPAH (74,300 ug/kg dw), BEHP (18,000 ug/kg dw), and butyl benzyl phthalate (1,300 ug/kg dw). PCBs (540 ug/kg dw) were below the 2LAET screening level.

In December 2015, a composite sample was collected from three maintenance holes in the new drainage system (all three are located upstream of S Willow St and collect runoff only from the roof of the Georgetown Steam Plant; Landau 2015). Storm drain solids contained elevated levels of HPAH (146,000 ug/kg dw), LPAH (24,500 ug/kg dw), and cPAH (21,530 mg/kg TEQ). City Light is looking into replacing the roof at the steam plant to reduce the source of PAHs to this system.

As described in Section 1.8, chemicals exceeding the SCO/LAET in waterway sediment following the 2012 cleanup include bis(2-ethylhexylphthalate), butylbenzyl phthalate, benzyl alcohol, PCBs, and zinc (499 mg/kg dw), PCBs (290 J ug/kg dw), and butylbenzyl phthalate (260 ug/kg dw) at WC-1, which is located about 70 feet offshore of the head of Slip 4.

Over the next five years, SPU will establish a routine monitoring station in a maintenance hole located near the downstream end of the system. Inline solids samples will be collected each year using either an inline sediment trap if the upcoming pilot test identifies a suitable design for small diameter pipes or collecting inline grabs if sufficient sediment accumulates in the system.

1.10.16TH AVE S SD (EAST)

The 16th Ave S SD serves a 12-acre industrial basin west of E Marginal Wy S. This system collects runoff from 16th Ave S approach to the South Park Bridge (crossing into Tukwila jurisdiction), about 600 feet of E Marginal Wy S, and a portion of the Boeing property on the south side of 16th Ave S (see Map 14). Boeing intends to discontinue discharging to this system following completion of the new South Park Bridge (Angelos 2012). SPU has collected five inline and one right-of-way catch basin sample from the 16th Ave S drainage system (see Map 63). Results are summarized in Table C-11. One inline sample (7.7 mg/kg at MH201) exceeded the CSL screening level for mercury and two inline samples (1,020 and 1,640 mg/kg, at MH201 and MH202, respectively exceeded the CSL

screening level for zinc. Motor oil (2,200 mg/kg) was also slightly elevated in another of the inline samples (MH212). PCBs (136 – 300 ug/kg dw) exceeded the LAET screening level in all of the samples, but were well below the CSL screening level.

Table C-11: Summary of chemicals exceeding the SMS screening levels in the 16th Ave S, east drainage system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples > CSL 2LAET screening level
Arsenic	57	93	6	3	10	6.4	6.5	0	0
Copper 390		390	6	76	158	127	129	0	0
Lead 450		530	6	64	281	167	156	0	0
Mercury	0.41	0.59	6	0.05 7.	7 1.	37	0.12	17	17
Zinc	410	960	6	219 1,	640 73	36	587	67	33
TPH-oil 2,	000ª 2	, 000a	6	1,100 3,	900 1,	980	1,650	33	33
LPAH	5,200	5,200	6	190 64	0 39	0	385	0	0
HPAH	12,000	17,000	6	1,540 6,	650 3,	930	3,910	0	0
cPAH 1,	000 ^b 1	, 000b	6	167 81	9 51	4	522	0	0
PCBs	130	1,000	6	136 30	0 22	9	231	100	0
BEHP 1,	300	1,900	6	1,500	44,000	12,100	6,050	100	67
Butylbenzyl phthalate	63	900	6	150 2,	600 7!	57	425	100	17
Dimethyl phthalate	71 160)	6	29	130	74	68	50	0

N = number of samples

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use
- b. Sediment remedial action level

Samples collected November 2008 through April 2009.

The unusual thing about this system is that SPU found elevated levels of benzyl alcohol (300 – 31,000 ug/kg dw), benzoic acid (1,700 – 13,000 ug/kg dw), and 2-methylphenol (720 – 5,700 ug/kg dw) in 2-3 of the inline grab samples collected from this system. These chemicals were typically not detected or detected below 2LAET levels in other storm drains sampled in the LDW. The only other sample that had higher levels of benzoic acid was a catch basin sample (33,000 ug/kg dw at CB106) collected at commercial art and graphics design company. Both benzoic acid and benzyl alcohol have been identified as risk drivers for benthic organisms (Windward 2010). 2-Methyl phenol was not identified as a risk driver, because none of the waterway sediment samples exceeded the SCO. Benzoic acid and benzyl alcohol occur naturally in some plants and are also derived synthetically for use as a food preservative and in the manufacture of various cosmetics, dyes, plastics, and insect repellents. 2-Methyl phenol can also be produced naturally and synthetically. Neither of these chemicals exceeded the SCO in sediment samples collected offshore of the 16th Ave S SD (Table C-12).

SPU cleaned the City-owned portion of the 16^{th} Ave S system in 2013 when the South Park Bridge was under construction and there was only local traffic on 16^{th} Ave S. In 2015, SPU will collect sediment samples from this system to assess whether any additional source control actions are needed. There are no businesses within City jurisdiction that SPU is able to inspect in this drainage basin.

In 2014, King County installed a stormwater wet vault as part of the South Park bridge construction. The approximately 34,000 gallon wet vault treats runoff from the lower 1,000 feet of the South Park bridge approach on 16th Ave S prior to discharging to the LDW via a new 24-inch outfall. The upper 550 feet between the pedestrian tunnel and E Marginal Wy S will continue to discharge untreated to the LDW via the existing outfall.

Nine surface sediment samples have been collected within 200 feet of the 16^{th} Ave S SD outfall (AECOM 2012a). SMS exceedances are summarized in Table C-12. PCBs exceed SMS in eight of the samples, but the highest concentrations were found in samples collected upstream of the 16^{th} Ave S outfall, in the Boeing Plant 2 Early Action Area that The Boeing Company is currently working to clean up. PCB concentrations in the storm drain samples (136 - 300 ug/kg dw) are lower than the concentrations found in nearby sediment (220 - 17,300 ug/kg dw, 4,900 ug/kg dw mean), which indicates that the levels found in the waterway sediment are likely associated with sources other than the 16^{th} Ave S SD outfall.

Table C-12: SMS exceedances in surface sediment samples located within 200 feet of the 16th Ave S SD, east outfall.

Station	Distance from outfall	Direction from outfall	Chemicals ≥SCO and ≤CSL	Chemicals >CSL
SD-DUW24 40		Opposite	PCBs	
SD-DUW08 130		Opposite	PCBs	
SD-04107 170		Upstream		PCBs
SD-04108 170		Upstream	Zinc	PCBs
SD-DUW33 190		Upstream		PCBs
SD-DUW34 190		Upstream		PCBs
SD-04109 200		Upstream	Benzo(g,h,i)perylene, chrysene, indeno(1,2,3- cd)pyrene, dibenzo(a,h)anthracene, HPAH	PCBs
SD-DUW60 200		Downstream	PCBs	

Reference: Windward (2010).

Over the next 5 years, SPU will establish a routine monitoring station in a maintenance hole located near the downstream end of the City-owned MS4 system. Inline solids samples will be collected each year using either an inline sediment trap if the upcoming pilot test identifies a suitable design for small diameter pipes or collecting inline grabs if sufficient sediment accumulates in the system.

1.11. KCIA SD#1

The KCIA SD#1 serves a total area of about 192 acres (see Map 15). Approximately 86 acres in the City MS4 system discharges to the KCIA SD#1 outfall. This area was previously thought to discharge to the Norfolk CSO/PS17 EOF/SD. However, SPU recently investigated this area and determined that the residential areas along Military Rd S drain to the KCIA SD#1. The remainder of this basin is occupied by I-5 right-of-way and the King County International Airport. SPU has collected two right-of-way catch basin samples from the residential area within the City drainage (see Map 64). Results are provided in Table C-13 Only bis(2-ethylhexyl)phthalate and butylbenzyl phthalate exceeded the screening levels.

Three surface sediment samples have been collected within 200 feet of the KCIA SD#1 outfall. Multiple chemicals exceeded the CSL at all three locations. Chemicals that exceeded SCO in the station closest to the outfall (SB-3 at 90 feet offshore) include BEHP, indeno (1,2,3-cd)pyrene, and dibenz(a,h)anthracene. In addition, phenol exceeded the CSL at SB-3. Additional chemicals exceeding SCO at SB-1, located 140 offshore of the outfall include benzo(g,h,i)perylene and fluoranthene. No chemicals exceeded the CSL at SB-1.

Table C-13: Summary of chemicals exceeding the SMS screening levels in the KCIA SD#1 drainage system.

	SCO LAET	CSL 2LAET	RCB116	RCB118	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	8U	7U	0	0
Copper 390		390	44.2	53.2	0	0
Lead 450		530	36	20	0	0
Mercury 0.	41	0.59	0.06U	0.05U	0	0
Zinc 410		960	161	73	0	0
TPH-oil 2,	000ª 2,	000ª 1,	500	620	0	0
LPAH 5,	200	5,200	100	66	0	0
HPAH 12,	000	17,000	496	169	0	0
cPAH 1,	000 ^b 1,	000 ^b 67		51	0	0
PCBs 130		1,000	20U	20U	0	0
BEHP 1,	300	1,900	2,700	660	50	50
Butylbenzyl phthalate	63 900		640	60U	50	0
Dimethyl phthalate	71 160		60U	60U	0	0

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

1.12. NORFOLK CSO/PS17 EOF/SD

The Norfolk SD system serves an area of about 676 acres. Land use in the basin is approximately 18.5 percent residential, 3.5 percent commercial, 29.4 percent industrial, 15.9 percent open/vacant/parks, and 32.7 percent right-of-way. Approximately 620 acres are located within the City of Seattle (see Map 16). The remaining 149 acres are within the City of Tukwila's jurisdiction. The I-5 corridor (11,000 LF) takes up a significant portion of the right-of-way within this basin.

SPU jetted and cleaned the lines downstream of S Norfolk St in 2005 in preparation for the Sound Transit Light Rail project, which when completed in 2010, upgraded the drainage system along Martin Luther King, Jr Wy S. There are now 30- to 42-inch storm drains on both sides of the roadway, which improves drainage along this corridor. Unfortunately, Sound Transit mistakenly connected some side sewers to the storm drain system, while re-connecting pipes along the corridor. SPU inspectors continue to find and correct illicit connections that resulted from this work.

In 2011 SPU constructed a 5-acre foot wet pond just west of I-5 that treats runoff from the 226 acre MLK sub-basin (see Map 78). Runoff from this portion of the drainage basin now passes

a. MTCA Method A soil cleanup level for unrestricted use

b. Sediment remedial action level Samples collected in November 2007.

through a 1,000 foot long heavily vegetated drainage swale, the new wet pond, and a natural wetland before discharging to the LDW.

The CSO and emergency overflow (EOF) connections to the Norfolk outfall are no longer very active. In 2005, King County installed a 14-foot diameter, 3,100 –foot-long tunnel to store, treat, and disinfect CSOs. The facility provides storage and treatment of potential CSO during peak, storm events. The diversion of wastewater into the tunnel prevents the discharge of CSO to surface waters during all but the most severe storms. CSOs that are discharged, receive primary treatment by settling, screening, disinfection, and dechlorination (King County 2006). Since 2005, the Norfolk CSO has discharged treated flows up to 3 times per year with overflow volumes ranging from 1 to 19.8 million gallons per year (King County 2006 – 2011).

SPU records show that the emergency overflow on pump station #17 in the Norfolk system has discharged once in the past 5 years. The discharge event occurred during a large December 11-12, 2010 storm event during which the pump station discharged approximately 1.3 million gallons over a nearly 7-hr period. This is considered a worst case estimate, because there was no evidence that the duckbill valve opened to allow flow from the sanitary sewer to discharge to the storm drain. SPU crews did not observe any evidence of sewage in the ditch downstream of the duckbill valve (e.g., toilet paper, rags).

SPU has collected 67 samples from the City-owned MS4 in the Norfolk drainage system. Results are summarized in Table C-148. With the exception of HPAH and TPH-oil, chemical concentrations in samples collected from the Norfolk CSO/EOF/SD drainage system are comparable to other City storm drains in the LDW (see box plots in Appendix B). SPU continues to track sources of HPAHs in this system. To date, SPU has found and eliminated several illicit connections (e.g., vehicle/equipment wash pads) and are currently working with an asphalt batch plant to implement better onsite controls.

Elevated levels of arsenic (120 mg/kg) and copper (3,960 mg/kg) were found in a sample collected from MH5 in October 2003. MH5 is located downstream of an industrial storage yard where spent sand blast grit was stored. SPU required the property owner to remove the sand blast grit and cleaned the Norfolk system downstream of S Norfolk St in 2005 in preparation for construction of the Sound Transit light rail line along Martin Luther King, Jr Wy S.

Table C-14: Summary of chemicals exceeding the SMS screening levels in the City-owned MS4 within the S Norfolk CSO/PS17 EOF/SD drainage system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic 57		93	65	3	120	11.8	9	2	2
Copper 390		390	63	17	3,960	153	82	2	2
Lead 450		530	63	16	700	97	71	2	2
Mercury	0.41	0.59	63	0.01 0.	40 0.	09	0.08	0	0
Zinc 410		960	63	73	9,980	696	378	48	17
TPH-oil 2,	000	2,000	51	32	24,000	4,330,	3,500	60	60
LPAH 5,	200	5,200	59	10	66,230	2,920	860	8	8
HPAH 12,	000	17,000	59	21	585,400	20,500 6	, 270	20	12
cPAH 1,	000ª 1	, 000° 5	9	17	83,540	2,860	831	39	39
PCBs 130		1,000	67	9	504	102	50	29	0

⁸ An additional 45 samples have been collected outside the City-owned MS4 in the S Norfolk drainage system. These samples are included with the non-MS4 samples in the box plots provided in Appendix B.

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	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
BEHP 1,	300	1,900	59	11	59,000	9,600	6,300	66	59
Butylbenzyl phthalate	63 900)	59	10	4,600	400	150	66	8
Dimethyl phthalate	71 160)	59	10	1,950	177	65	49	31

N = number of samples Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds. Samples collected March 2005 through May 2014.

From 2010-2012, SPU collected 33 stormwater samples at the downstream end of the 164-acre MLK sub-basin as part of it NPDES stormwater monitoring requirements (see Map 65). The MLK sub-basin was selected to characterize stormwater quality from industrial land use. Land use in the is 37 percent industrial, 32 percent residential, 13 percent commercial and 18 percent open space (SPU 2012). Sample results are summarized in Table C-15.

Table C-15: Norfolk CSO/EOF/SD stormwater monitoring data (2010 - 2012).

	No. of samples	# Detects	Min	Max	Median	Mean
Total suspended solids	33	33	16	455	63	87
Copper, total	33	33	10.2	64.3	18	23
Copper, dissolved	33	33	2	19.2	5	5.7
Lead, total	33	33	2	43	8	10
Lead, dissolved	33	15	0.2	3	0.5	0.5
Mercury, total	33	5	0.01	0.047	0.01	0.01
Mercury, dissolved	33	0				
Zinc, total	33	33	71	420	131	155
Zinc, dissolved	33	33	12	125	46	47
TPH-diesel 32		32	0.15	2.4	0.77	0.8
TPH-oil 32		32	0.34	3.3	1.6	1.7
Acenaphthene 33		0				
Acenaphthylene 33		0				
Anthracene 33		0				
Fluorene						
Naphthalene 33		5	0.05	2.1	0.05	0.1
Phenanthrene 33		13	0.04	0.33	0.05	0.1
Benzo(a)anthracene 33		2	0.04	0.3		0.1
Benzo(a)pyrene 33		5	0.05	0.36	0.05	0.1
Benzo(g,h,i)perylene 33		9	0.035	0.36	0.05	0.1
Benzofluoranthenes, total	33	8	0.05	0.72	0.095	0.1
Chrysene 33		11	0.04	0.44	0.05	0.1
Dibenzo(a,h)anthracene 33		0				
Fluoranthene 33		17	0.05	0.6	0.06	0.1
Indeno(1,2,3-cd)pyrene 33		3	0.04	0.28	0.05	0.1
Pyrene 33		21	0.05	0.74	0.11	0.2
Bis(2- ethylhexyl)phthalate	33 20		0.5	2.2	1.6	2.2
Butylbenzylphthalate 33		0				

a. Sediment remedial action level

	No. of samples	# Detects	Min	Max	Median	Mean
Diethylphthalate 33		3	0.5	8.9	0.5	0.8
Dimethylphthalate 33		0				
Di-n-butylphthalate 33		0				
Di-n-octylphthalate 33		0				
PCBs 6		4	< 0.01	0.022	0.008	0.010

Reference: SPU (2013)

Units: Total suspended solids (mg/L). All other parameters (ug/L)

King County dredged and capped contaminated sediment offshore of the Norfolk outfall in February-March, 1999. King County monitored sediment offshore of the Norfolk for five years following the 1999 early action cleanup (King County 2005). Chemicals exceeding SCO during the five-year post-cleanup monitoring program are listed in Table C-16. In September 2003, Boeing conducted additional cleanup in the area offshore of the outfall from Boeing property, because elevated levels of PCBs were found at NK503 during the 2000 sampling event and subsequent sampling conducted by Ecology in 2002. PCB concentrations offshore of the Boeing storm drain outfall were greater than six times the CSL (King County 2005). PCBs consistently exceeded the SCO and/or LAET in samples collected offshore of the Boeing storm drain outfall.

In addition, sporadic exceedances of PCBs occurred in the channel offshore of the Norfolk outfall (NFK501 in 2004) and the combined channel down gradient of both outfalls (NFK502 in 2001). The 2004 NFK501 sample was collected less than a year after Boeing dredged the adjacent area offshore of the Boeing storm drain outfall. The NFK502 exceedance was never repeated in any of the subsequent samples at this location.

Sporadic exceedances of SCO for butyl benzyl phthalate and PCBs have occurred offshore of the Norfolk CSO/PS 17 EOF/SD outfall since the 1999 cleanup, but there is no consistent upward trend (King County 2005). BBP exceeded the SCO at both stations located downstream of the outfall in the 0-2 cm samples collected in April 2001. All other samples were below the SCO for BBP.

Based on these results, King County (2005) concluded that:

There have been periodic exceedances of SMS criteria on the Norfolk sediment cap. These exceedances, however, have been sporadic in nature and do not appear to show a consistent upward trend. Surface recontamination of the sediment cap from discharges of the Norfolk CSO, to levels approaching SCO chemical criteria, does not appear to have occurred over the five-year monitoring period. There appear to be some residual PCB concentrations at the site that are greater than the SCO criterion of the LAET.

Table C-16: Chemicals exceeding SCO offshore of Norfolk CSO/PS17 EOF/SD following early action area cleanup.

Sample Station	NFK501 ^a	NFK502 ^b	NFK503°
Distance from outfall (ft)	50	100	90
Direction	Opposite	Opposite	Downstream
1999 baseline	None	None	PCBs
2001	Butylbenzyl phthalate	Butylbenzyl phthalate, PCBs	PCBs
2002 None		ВЕНР	PCBs
2003 None		None	PCBs ^d
2004 PCBs		None	PCBs

Results for samples collected at depths of 0-10 cm.

Reference: King County (1999, 2001, 2002, 2003, 2004).

- a. Outlet channel opposite Norfolk CSO/PS17 EOF/SD outfall
- b. Combined channel downstream of Norfolk and Boeing outfalls
- c. Outlet channel opposite Boeing storm drain
- d. PBC results could not be OC normalized because of high TOC in sample. Dry weight concentration exceeded the LAET for PCBs.
- e. Sample collected at 0-2 cm depth exceeded the SCO for butylbenzylphthalate. All butylbenzylphthalate results for samples collected in 2002 and 2003 were qualified as non-detect due to problems with laboratory contamination.

1.13. I-5 SD AT S RYAN ST

The I-5 SD at S Ryan St, constructed by WSDOT in 1964, serves an area of about 529 acres, a portion of which (122 acres) is in Tukwila (see Map 17). In 1994, WSDOT constructed a dry pond/swale system to treat runoff from I-5. Low flows from I-5 are routed to the treatment system, which discharges to the Norfolk CSO/EOF/SD drainage system, while high flows are diverted around the treatment system to the S Ryan St outfall. SPU constructed a wet pond/wetland system immediately south of the WSDOT dry pond in 2011. The pond replaced the existing swale, but effluent from the WSDOT dry pond continues to discharge to the Norfolk drainage system. Other recent modifications to this system are described below:

- In 1992, SPU constructed a diversion structure on the S Norfolk CSO/PS17 EOF/SD drainage system to allow high flows from the City's approximately 224-acre ML King Wy sub-basin to bypass to the I-5 SD at S Ryan St during large storm events.
- In 1995, SPU constructed a 200-foot long biofiltration swale on the north side of the S Boeing Access Rd (along the I-5 cloverleaf). The swale treats runoff from an 18-inch SD on S Ryan St in Tukwila.

SPU has collected two inline (MH215 near the downstream end just east of E Marginal Wy S and MH116on the 60-inch pipe just west of I-5) and two right-of-way catch basin samples (RCB121 and RCB123) from this system. BEHP (5,600 ug/kg dw) exceeded the 2LAET screening level at the downstream station (MH215). There were no other exceedances of the CSL/2LAET screening levels. PCBs (232 ug/kg dw) exceeded the LAET screening level and motor oil (9,800 mg/kg) exceeded the MTCA Level A criteria for soil at the downstream station.

Eleven surface sediment samples (EIT048, OR-05, OR-06, OS-04, OS-05, OS-06, DR-04, EST104, EST098, DRB-116, and LDW-SSRWSD-A) have been collected within 6 – 200 feet of the I-5 SD at S Ryan St outfall (AECOM 2012a, SAIC 2011). One SCO exceedance for total PCBs was observed at OS-06, located about 40 feet upstream of the outfall. No other SMS exceedances have been reported at these stations.

SPU will continue to operate and maintain the two sediment traps, NST2, located at the overflow structure on the Norfolk drainage that discharges to the I-5 SD at S Ryan St and NST3, located at the upstream end of the biofiltration swale adjacent to the I-5 cloverleaf.

1.14.SW DAKOTA ST SD

The SW Dakota St SD serves an area of about 45 acres⁹, encompassing the commercial/industrial areas along W Marginal Wy SW, as well as developed/undeveloped residential parcels and large tracts owned by the Seattle Department of Parks and Recreation located on the hillside west of W Marginal Wy SW (see Map 18). Land use in the basin is approximately 17.3 percent residential, 1.2 percent commercial, 44.7 percent industrial, 36.8 percent open/vacant/parks. The location of the SW Dakota St SD outfall was changed in 1994 when the Port constructed a wetland channel along the south side of their property at 3838 W Marginal Wy SW. The City's 30-inch diameter

Appendix C Summary by Outfall

⁹ Includes areas served by the City's SW Dakota St SD system and the Port's wetland channel downstream of the outfall.

storm drain now discharges to the head of the channel. When it was constructed in 1970, the SW Dakota St SD extended east along SW Dakota St and terminated at an existing ditch about 100 ft east from W Marginal Wy SW.

SPU has collected five private onsite catch basin (CB41C, CB49, CB50, CB51, and CB52), two right-of-way catch basin (RCB43 and RCB185), and one inline (RCB200a) samples from the SW Dakota St drainage system (see Map 67). Results are summarized in Table C-17. With the exception of zinc, PCBs, and phthalates, contaminant levels are below SCO/LAET screening levels. Zinc (3,740 mg/kg) exceeded the CSL screening level in a private onsite catch basin (CB41C) located in the parking lot of a business park, which contains an aquarium manufacture/service business, radiator repair facility, and custom wheel chair distributor. BEHP (37,000 ug/kg dw) was also relatively high at this location. PCBs (133 – 610 ug/kg dw) were above the LAET screening level, but below the 2LAET screening level in all of the samples collected from this system. As shown in the box plots in Appendix B, chemical concentrations in the SW Dakota St SD are comparable to other storm drains sampled in the LDW.

One sample has been collected with 25 feet of the City's storm drain outfall (SS2149-A). Zinc (478 mg/kg). butyl benzyl phthalate (220 ug/kg dw), BEHP (1,700 ug/kg dw), and PCBs (150 ug/kg dw) exceeded the SCO and benzyl alcohol (100 ug/kg dw) exceeded the CSL. None of the five surface sediment samples collected within 40-80 feet of the SW Dakota St channel mouth (LDW-SS9, LDW-SS306, WIT298, B1a, LDW-SS2233-U,D) exceed SCO levels (AECOM 2012a). However, SCO exceedances have been found in one sample (DR033) collected 140 feet offshore of the channel, but the chemicals exceeding SCO are not consistent with the chemicals found in the storm drain system. For example, SCO exceedances occur for a number of LPAH (fluoranthene, phenanthrene, and acenaphthene) and HPAH (fluorene, indeno[1,2,3-cd] pyrene, chrysene, benzo[q,h,i]perylene, and total HPAH) compounds, as well as PCBs. However, none of these chemicals exceeded the SMS screening levels in the storm drain samples. In addition, with the exception of PCBs (230 ug/kg dw in the offshore sediment versus 133-610 ug/kg dw in the stormwater solids samples), concentrations in the offshore sediment are higher than in the storm drain solids samples. Given the lack of exceedance in samples closest to the SW Dakota St SD point of discharge and the differences between in waterway and storm drain sample concentrations, it appears that the contaminants found in the waterway sediment are likely associated with sources other than discharges from the channel.

Table C-17: Summary of chemicals exceeding SMS screening levels in samples collected from the SW Dakota St drainage system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples > CSL 2LAET screening level
Arsenic	57	93	8	3.5	30	10	8	0	0
Copper 390		390	3	101	350	207	170	0	0
Lead 450		530	8	36	203	98	106	0	0
Mercury 0.	41	0.59	8	0.02	0.22	0.08	0.05	0	0
Zinc 410		960	3	202	3,740	1,460	424	67	33
TPH-oil 2,	000ª 2	, 000° 5		330	2,000	1,120	1,100	0	0
LPAH 5,	200	5,200	5	113	1,600	570	340	0	0
HPAH 12,	000	17,000	5	46	7,550	2,820	1,460	0	0
cPAH 1,	000 ^b 1	, 000 ^b 5		112	903	363	208	0	0
PCBs 130		1,000	5	133	610	288	223	100	0
BEHP 1,	300	1,900	5	880	37,000	9,820	2,900	60	60

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Butylbenzyl phthalate	63 900)	5	28	19,000	4,480	1,300	80	60
Dimethyl phthalate	71 160)	5	10	220	33072, 0009	60 20		20

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use
- b. Sediment remedial action level

Samples collected February 2005 through April 2010.

SPU will establish a monitoring station near the downstream end of this system to monitor the quality of storm drain solids discharged to the LDW.

1.15.SW IDAHO ST SD

The SW Idaho St SD serves an area of about 423 acres (see Map 19). The drainage basin is predominately residential (45.7 percent) with commercial/industrial areas (23.6 percent) located along W Marginal Wy SW. A significant portion of the basin is undeveloped (30.7 percent). The lower basin on the steep hillside west of W Marginal Wy SW is mostly undeveloped land owned by the Seattle Department of Parks and Recreation. Puget Creek enters the SW Idaho St drainage system just west of W Marginal Wy S at Puget Wy SW.

SPU has collected 28 samples (5 right-of-way catch basins, 11 inline grabs, and 12 inline sediment traps) from the SW Idaho St drainage system. Sampling station locations are shown on Map 68. Results are summarized in Table C-18. Arsenic, copper, lead, and mercury are below the SCO screening level in all samples. Zinc concentrations are elevated in sediment trap ID-ST1 (402 – 1,540 mg/kg). All of the exceedances of SMS screening levels occurred at this station. ID-ST1 is located at the downstream end of the upper, primarily residential sub-basin. The two highest LPAH (4,190 – 8,310 ug/kg dw) and HPAH concentrations (88,600 – 108,800 ug/kg dw) were also observed at this station. In addition, two of the four inline samples (grabs and traps) at this location also exceeded the MTCA level A soil screening level for TPH-oil (2,700 – 7,700 mg/kg). SPU conducted extensive source tracing in the upper basin in 2010-2011, but no specific sources were identified. The upper basin is almost entirely residential. The South Seattle Community College is the only non-residential site. SPU inspected the campus in 2011 and found a few problems (poor maintenance of onsite drainage system, improper storage of wastes, illicit discharge of wash water, illicit connection to the storm drain) but did not find any relationship between onsite activities and the elevated levels of PAHs observed at station ID-ST1.

Table C-18: Summary of chemicals exceeding SMS screening levels in samples collected from the SW Idaho St SD system prior to cleaning.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	28	2.5	20	8	5	0	0
Copper 390		390	28	17	194	58	31	0	0
Lead 450		530	28	7	113	48	34	0	0
Mercury 0.	41	0.59	28	0.01	0.28	0.09	0.06	0	0
Zinc 410		960	28	58	1,540	301	168	14	4
TPH-oil 2,	000a 2	, 000° 2	8	54	7,700	980	360	14	14
LPAH 5,	200	5,200	28	9	8,310	600	70	4	4
HPAH 12,	000	17,000	28	19	108,800	8,900 6	70	7	7
cPAH 1,	000 ^b 1	, 000 ^b 2	8	17	14,600	1,130	94	11	11
PCBs 130		1,000	28	8	391	92	15	25	0
BEHP 1,	300	1,900	28	40	20,000	2,530	585	29	21
Butylbenzyl phthalate	63 900)	28	9	1,400	250	52	43	11
Dimethyl phthalate	71 160)	28	9	255	47	29	14	7

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level

Samples collected September 2008 through April 2013.

In 2012, SPU jetted and cleaned the City-owned drains and structures above Station ID-ST1. Cleaning in the lower basin along W Marginal Wy SW was completed in 2013. SPU retrieved the three sediment traps in the SW Idaho St SD system in 2014. Sample results are summarized in Table C-19. Concentrations of all metals except zinc remained below the SCO screening levels. Zinc exceeded the CSL screening level at ID-ST1 (1,110 mg/kg). LPAH and HPAH concentrations in all 3 samples were below the SCO/LAET screening level following cleaning. However, TPH-oil concentrations were again above the MTCA Method A soil cleanup level in ID-ST1 (5,700 mg/kg) and well below the MTCA level in ID-ST2 (340 mg/kg) and ID-ST3 (1,000 mg/kg).

Table C-19: Summary of chemicals exceeding SMS screening levels in samples collected from the SW Idaho St SD system after cleaning

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	3	15	30	21	19	0	0
Copper 390		390	3	31	139	68	35	0	0
Lead 450		530	3	20	98	56	50	0	0
Mercury 0.	41	0.59	3	0.05	0.23	0.13	.011	0	0
Zinc 410		960	3	122	1,110	502	275	33	33
TPH-oil 2,	000a 2	, 000ª 3		340	5,700	2,350	1,000	33	33

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
LPAH 5,	200	5,200	3	44	610	259	122	0	0
HPAH 12,	000	17,000	3	371	7,430	2,880	840	0	0
cPAH 1,	000 ^b 1	, 000 ^b 3		58	1,003	392	115	33	33
PCBs 130		1,000	3	13	402	169	92	33	0
BEHP 1,	300	1,900	3	480	12,000	9,610	6,100	67	67
Butylbenzyl phthalate	63 900)	3	55	880	335	70	67	0
Dimethyl phthalate	71 160)	3	29	95	51	29	33	0

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level

Samples collected from the 3 sediment traps in May 2014.

None of the surface sediment samples collected within 72-165 feet of the SW Idaho St SD outfall exceeded SCO levels (LDW-SS14, WIT299, DR036, DR067, and SS2147; AECOM 2012a and SAIC2011). One sample collected about 180 feet upstream of the outfall (TRI-016) exceeded the SCO for benzyl alcohol, 2,4-dimethylphenol, and phenol. Benzyl alcohol has been detected in 16 of the 31 samples collected to date from the SW Idaho St SD. Concentrations ranged from 24-6,400 ug/kg with an average concentration of about 582 ug/kg dw. ¹⁰ 2,4-Dimethylphenol has not been detected and phenol was only detected in 12 of the 31 samples collected from the SW Idaho St SD. Phenol concentrations have ranged from <18 to 820 ug/kg dw, with an average of 147 ug/kg dw.

SPU will continue to operate and maintain the existing sediment traps in this system to assess whether additional source controls are needed and continue to inspect the community college, which is currently ranked a high priority¹¹.

1.16.SW KENNY ST SD/T115 CSO

The SW Kenny St SD serves an area of about 154 acres, encompassing the commercial/industrial areas along W Marginal Wy SW, as well as undeveloped land located on the steep hillside west of W Marginal Wy SW (see Map 20). A significant portion of the undeveloped land (53 acres) is owned by the Seattle Department of Parks and Recreation. Land use in the basin is approximately 5.8 percent residential, 10.1 percent commercial, 28.1 percent industrial, and 56 percent open/vacant/parks.

SPU has collected 15 samples (4 right-of-way catch basins, 7 inline grabs, and 4 inline sediment traps) from the SW Kenny St drainage system. Sampling station locations are shown on Map69. Results are summarized in Table C-20. Zinc concentrations exceeded the SCO screening level in 73 percent (11 samples) of the samples, but did not exceed the CSL screening level. Lead concentrations exceeded the SCO screening level in three of the seven inline grab samples (458-470 mg/kg) and mercury exceeded the screening level in 1 inline grab sample (0.42 mg/kg) collected from the last maintenance hole above the outfall (KN-ST1). However, none of the four surface sediment samples collected within 100-180 feet of the outfall (LDW-SS58, LDW-SS57, DR124, and DR126), exceeded the SCO for mercury, lead, or zinc (AECOM 2012a). Butyl benzyl

¹⁰ Non-detected values are included at half the detection limit.

¹¹ High ranked businesses are inspected every two years.

phthalate is the only chemical that exceeded SCO in waterway sediment offshore of SW Kenny St SD/CSO115 outfall and only at one location located approximately 110 feet offshore of the outfall (DR126). As explained earlier, phthalates are commonly found in urban storm drain sediments. These chemicals are used in a variety of consumer products and are difficult, if not impossible to control using conventional source control methods. Other actions like lobbying industry to reduce the amount of these chemicals used in consumer products, educating the community about these issues, and searching for alternative products may help to address these problems, but are outside the scope of what local jurisdictions can accomplish.

SPU intends to continue operating and maintaining the sediment trap (KN-ST1) located at the downstream end of this drainage system to characterize conditions in this drainage system and will continue to inspect businesses operating in the basin.

Table C-20: Summary of chemicals exceeding SMS screening levels in samples collected from the SW Kenny St storm drain system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	15	4	70	28	20	13	0
Copper 390		390	15	36	193	121	129	0	0
Lead 450		530	15	11	470	201	82	20	0
Mercury 0.	41	0.59	15	0.03	0.42	0.19	0.18	7	0
Zinc 410		960	15	78	879	528	566	73	0
TPH-oil 2,	000ª 2	, 000ª 1	5	370	4,700	1,970	1,700	47	47
LPAH 5,	200	5,200	15	60	5,240	1,100	640	7	7
HPAH 12,	000	17,000	15	60	36,520	7,890	5,410	13	13
cPAH 1,	000 ^b 1	, 000 ^b 1	5	103	4,543	970	734	20	20
PCBs 130		1,000	15	9	710	189	155	53	0
BEHP 1,	300	1,900	15	190	5,500	2,500	2,100	73	60
Butylbenzyl phthalate	63 900)	15	38	1,100	254	150	80	7
Dimethyl phthalate	71 160)	15	9	230	70	50	20	13

N = number of samples

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level.

Samples collected March 2006 through April 2013.

1.17. HIGHLAND PARK WY SW SD

The Highland Park Wy SW SD serves an area of about 289 acres¹² (see Map 21). The drainage basin is predominately residential (49 percent) with commercial/industrial areas (19.2 percent) located along W Marginal Wy SW. Open space/vacant/parks (31.8 percent) makes up the remainder of the basin. An approximately 94-acre portion of the 1st Ave S SD basin overlaps with the Highland Park Wy SW basin where depending on rainfall, runoff can discharge to either outfall. The area of overlap covers the commercial/industrial area between Detroit Ave SW and W Marginal Wy SW. Recently, most of the runoff has been flowing south to the 1st Ave S SD due to heavy

 $^{^{12}}$ Does not include the 94-acre overlap with the 1st Ave S SD (west) drainage basin.

sediment accumulation in the 36-inch pipe east of W Marginal Wy SW on the Highland Park Wy SW system (see Map 21).

SPU has collected 20 samples (2 right-of-way catch basins, 9 inline grabs, and 9 inline sediment traps) from the Highland Park Wy SW drainage system. Sampling locations are shown on Map 70. Results are summarized in Table C-21. Concentrations of arsenic, lead, mercury, LPAH, and HPAH are below the SCO/LAET and CSL/2LAET screening levels in all samples. All of the zinc SCO exceedances occurred in samples collected at trap stations HP-ST6 and HP-ST4, but none exceeded the CSL screening level. PCBs exceeded the LAET screening level in 40 percent of the samples (8 samples); however, none of the samples exceeded the 2LAET screening level. Seven of the eight samples that exceeded the LAET screening level for PCBs (152 – 700 ug/kg dw) were collected at HP-ST6. These concentrations are within the range observed in other storm drain samples collected in the LDW (see box plots in Appendix B).

HP-ST6 is located on the 36-inch line downstream of W Marginal Wy SW. This line conveys runoff from the primarily industrial areas along W Marginal Wy SW, including the area of overlap with the 1^{st} Ave S SD, west basin. HP-ST4 is located on the storm drain serving the mainly residential area on the ridge west of Detroit Ave SW.

None of the seven waterway samples collected within 10-200 feet of the Highland Park Wy SW outfall (T115-SS01, T115-SS02, R3, R4, LDW-SS70, DR131, and WST351) exceeded the SCO for zinc or PCBs (Windward 2010). The only chemicals exceeding SCO in this area are BEHP and butyl benzyl phthalate, at Stations R3 and LDW-SS70 located 40 and 70 feet downstream of the outfall, respectively.

SPU intends to continue operating and maintaining the existing sediment traps (HP-ST4 and HP-ST6) installed in the Highland Park Wy SW SD system to characterize conditions in this drainage system and will continue to inspect businesses operating in the basin.

Table C-21: Summary of chemicals exceeding SMS screening levels in samples collected from the Highland Park Wy SW storm drain system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	20	3.5	30	16	11.5	0	0
Copper 390		390	20	28	1,400	156	103	5	5
Lead 450		530	20	19	200	95	94	0	0
Mercury	0.41	0.59	20	0.02 0.	36 0.	15	0.10	0	0
Zinc 410		960	20	69	932	490	445	50	0
TPH-oil 2,	000a 2	, 000ª 2	0	62	4,800	1,400	960	20	20
LPAH 5,	200	5,200	20	27	965	275	175	0	0
HPAH 12,	000	17,000	20	188	7,310	1,980	1,750	0	0
cPAH 1,	000 ^b 1	, 000 ^b 2	D	28	833	240	174	0	0
PCBs 130		1,000	20	10	700	154	77	40	0
BEHP 1,	300	1,900	20	68	9,900	3,400	3,100	80	65
Butylbenzyl phthalate	63 900)	20	19	780	300	180	80	0
Dimethyl phthalate	71 160)	20	10	320	71	56	40	5

N = number of samples

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use
- b. Sediment remedial action level Samples collected September 2008 through May 2014.

1.18.1ST AVE S SD, WEST

The 1st Ave SW system serves an area of about 603 acres (see Map 22). Land use in the basin is approximately 28.2 percent residential, 7.6 percent commercial, 32.6 percent industrial, and 31.6 percent open/vacant/parks. The SR 509 (8,500 LF) and SR99 (3,800 LF) corridors take up a significant portion of the right-of-way within this basin. As explained above, an approximately 94-acre portion of the 1st Ave S SD, west basin overlaps with the Highland Park Wy SW drainage basin.

Major improvements were made to the 1^{st} Ave S Bridge and approaches in 1995. SPU constructed a 2.5-acre wet pond near the downstream end of this system as part of the 1^{st} Ave S bridge project to treat runoff from SR99 and SR509. Low flows are treated in the pond and high flows are diverted to the wetland located on WSDOT right-of-way between SR509 and 2^{nd} Ave SW. A series of biofiltration swales were also constructed as part of the drainage system to convey and treat some of the runoff entering the wetland. The wetland discharges to the LDW via a wetland channel located under the 1^{st} Ave S bridge.

SPU has collected 46 samples (3 private onsite catch basins, 2 right-of-way catch basins, 20 inline grabs, and 21 inline sediment traps) from the 1st Ave S, west drainage system. Sampling locations are shown on Map 71. Results are summarized Table C-22. Arsenic, copper, and lead concentrations are below the SMS screening levels in all of the samples. Mercury exceeded the SCO screening level in two samples (September 16, 2008 and August 2, 2010 sediment trap samples at 1st-ST5) and the CSL screening level in the 1 sample (September 16, 2008 1st-ST5 sediment trap sample). Twenty-four (24) of the samples exceeded the SCO screening level for zinc, but only five (1,090 – 3,770 mg/kg) exceeded the CSL screening level. The highest zinc concentration (3,770 mg/kg) was measured in a detention system (CB150) in the parking lot at a roofing, siding, and insulation supply facility. The property was last inspected in 2013 and directed to remove accumulated sediment from the detention system and onsite catch basins, repair a semi-trailer used for solid waste to prevent oil from reaching a nearby catch basin, and develop/implement a spill prevention plan. The other four zinc CSL screening level exceedances occurred in 1) a private onsite catch basin (CB150), 2) a 2008 inline grab at 1st-ST5, 3 a 2013 sediment trap sample at 1st-ST1, and a 4) 2014 sediment trap sample at 1st-ST2:

- CB150 (2,140 mg/kg zinc) is located at a shop/maintenance facility for an apartment management company where dumpsters and utility vehicles are stored outside. The facility was last inspected in 2013 and the owner was directed to improve onsite storage and repair/replace damaged containers.
- Station 1st-ST5 is located on a 36-inch corrugated metal pipe (CMP) that collects runoff from the South Park landfill, the old Seattle transfer station property (replaced by the new South Park Transfer Station facility in 2012), and a small business park. This line was recently replaced by a 36-inch pipe as part of SPU's South Park Transfer Station project. Samples collected in 2010 at depths of 2 feet and 4 feet in the maintenance hole (MH) at this station contained 852-924 mg/kg zinc. This maintenance hole is back watered from the WSDOT pond and as a result, material tends to accumulate in this line. Zinc could be coming from any number of potential sources in this drainage. A privately-owned 500-foot long section of 30-inch CMP pipe immediately upstream of this location is in poor condition.
- Station 1st-ST2 is located on an 18-inch pipe that collects runoff from SR509. This station is on the inlet to the wet pond described earlier. Runoff is treated in the wet pond and passes through the WSDOT wetland before discharging to the LDW. Zinc concentrations ranged from 108-2,010 mg/kg, with an average of 439 mg/kg. All but the most recent sample

- collected in 2014, have been below the CSL screening level and only two of the previous nine samples exceeded the SCO screening level.
- Station 1st-ST1 is located on a 30-inch ductile iron pipe culvert that collects runoff from SR99 (W Marginal Wy SW). This station is on the inlet to the wet pond described earlier. Runoff is treated in the wet pond and passes through the WSDOT wetland before discharging to the LDW. Six of the 21 SCO screening level exceedances for zinc occurred in samples collected from this location and the April 23, 2013 sample (1,090 mg/kg) exceeded the CSL screening level.

Other locations where zinc exceeded the SCO screening level include:

- Three inline samples from 1st-ST7 (583-662 mg/kg), which is located on Olsen PI SW, a major arterial serving a predominately residential neighborhood
- Two inline grabs at MH218 (601-764 mg/kg) located on SW Kenyon St, just upstream of 1st-ST5
- CB156 (522 mg/kg) located in the old bus barn site at 103 S Kenyon St. This CB was removed in 2012 when SPU constructed a new solid waste transfer facility at this location. Runoff from the transfer station is treated in onsite wet vaults and bioretention cells before discharging offsite.
- RCB262 (519 mg/kg) located in the entry driveway to the employee parking lot at Waste Management.

As shown in the box plots in Appendix B, chemical concentrations in the 1st Ave SW SD system are comparable to the concentrations found in other storm drains in the LDW.

HPAH exceeded the 2LAET screening level in two of the five sediment trap samples collected at 1^{st} -ST7 (20,690 – 24,500 ug/kg dw) and one right-of-way catch basin (20,480 ug/kg dw in RCB152). The 1^{st} -ST7 trap is located on a residential arterial. RCB152 is located in a residential neighborhood on 6^{th} Ave SW. Three additional samples (15,200 ug/kg dw at 1^{st} -ST7, 12,450 ug/kg dw at MH218, and 12,150 ug/kg dw at 1^{st} -ST1) exceeded the LAET screening level for HPAH.

Two of the three samples that exceeded 2LAET screening levels for HPAH also exceeded the MTCA Method A cleanup level screening level for TPH-oil in soil. Four other samples (RCB262, CB150, CB158, and 1st-ST5 also exceeded the MTCA screening level for TPH-oil (2,200 – 16,000 ug/kg).

Thirty-two percent of the samples (16 samples) collected from the 1^{st} Ave S, west SD exceeded the LAET screening level for PCBs (132-1,930 ug/kg), but only three sediment trap samples from 1^{st} ST7 (1,350 – 1,930 ug/kg dw) and one inline grab at MH218 (1,760 ug/kg dw) exceeded the 2LAET screening level.

The concentrations of chemicals in the three surface sediment samples collected within 20-120 feet of 1st Ave S SD, west outlet channel were below the SQS (LDW-SS332, LDW-SS331, and C6; AECOM 2012a, SAIC 2011). PCBs at Stations B6a and LDW-SSB6a (300 and 153 ug/kg dw, respectively), located about 150-155 feet offshore of the outfall exceeded the SCO for PCBs, but, the concentrations in the waterway samples closest to the outlet channel (4.4-9.9 ug/kg dw) are below the SCO. B6a also exceeded the SCO for total DDTs. Given the lack of a concentration gradient offshore of the outfall, it is unclear whether discharges from the SW Idaho St SD, which contain 9-1,930 ug/kg dw PCBs (average concentration of 246 ug/kg dw) could be responsible for the SCO exceedances found at Stations B-6a and LDW-SSB6a.

SPU intends to continue operating the existing sediment traps (1^{st} -ST1, 1^{st} -ST2, 1^{st} -ST3, and 1^{st} -ST7) and inspecting businesses in the 1^{st} Ave S SD basin.

Table C-22: Summary of chemicals exceeding SMS screening levels in samples collected from the 1st Ave S SD, west storm drain system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples > CSL 2LAET screening level
Arsenic	57	93	46	2.5	30	9.7	5	0	0
Copper 390		390	46	20	246	94	93	0	0
Lead 450		530	46	5	301	96	65	0	0
Mercury 0.	41	0.59	46	0.01	0.60	0.13	0.11	7	2
Zinc 410		960	46	102	3,770	580	457	52	11
TPH-oil 2,	000a 2	, 000° 4	5	160	16,000	3,100	1,800	49	49
LPAH 5,	200	5,200	45	13	3,460	848	352	0	0
HPAH 12,	000	17,000	45	98	24,500	5,350	3,160	13	7
cPAH 1,	000 ^b 1	, 000 ^b 4	5	19	3,033	660	390	18	18
PCBs 130		1,000	46	8	1,930	254	73	35	9
BEHP 1,	300	1,900	45	160	44,000	8,220	5,000	67	64
Butylbenzyl phthalate	63 900)	45	10	6,500	471	210	67	11
Dimethyl phthalate	71 160)	45	10	36,000	1,020 6	5	47	22

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use
- b. Sediment remedial action level

Samples collected September 2008 through May 2014.

1.19.2ND AVE S SD

The 2^{nd} Ave S SD serves a 38-acre industrial drainage basin located on the south side of the Trotsky inlet (see Map 23). The 30-inch outfall was constructed in 1964 by Northwest Cooperage, Inc, a barrel recycling facility. Over the years, other businesses located on the west side of 2^{nd} Ave S connected their onsite storm drains to this outfall. The City MS4 located east of 2^{nd} Ave S connects to this private system at various points along 2^{nd} Ave S. Prior to 1964, runoff from this basin discharged to the LDW via an open ditch.

Northwest Cooperage discharged stormwater and wastewater to this drainage system until about 1965 when they connected onsite drains to the combined sewer. Plat maps of this area show a wastewater lagoon on Northwest Cooperage property connected to this drainage system (SPU 1964). This property continues to be occupied by a barrel recycling facility; however most onsite runoff and wastewater are now discharged to the combined sewer under a permit with King County Industrial Waste. Only roof downspouts on buildings located at the northwest corner of the site continue to discharge to the waterway.

SPU has collected 17 samples (4 private onsite catch basins, 11 right-of-way catch basins, and 2 inline grabs) from City-owned storm drains in the 2nd Ave S drainage system (**Table C-23**). Sampling locations are shown on Map 72. Arsenic, LPAH, and HPAH concentrations are below the SMS screening levels in all samples. However, two samples collected from private onsite catch basin CB116 exceeded the SMS screening levels for copper, lead, mercury, and zinc:

Copper	806 –	2,110	mg/kg
Lead	.1,180 -	1,540	mg/kg

Mercury	10.5 - 48 mg/l	۷g
Zinc2	2,690 – 2,950 mg/k	g.

CB116 is located in the yard area of a small recycling facility located at 7620 2nd Ave S, which stored fluorescent lamps containing mercury and lamp ballasts containing PCBs in an uncovered outside location. SPU has worked with the property owner to better manage the site. This property was sold in 2013 and the recycling business has closed. All materials previously stored at the site have been removed.

No other samples collected in this drainage system exceeded SMS screening levels for copper, lead, and mercury. Zinc exceeds the SMS screening levels at the following six additional sampling stations:

MH241	886 - 1,030 mg/kg
RCB110	592 – 630 mg/kg
RCB190	591 mg/kg
RCB175	554 mg/kg
RCB109	452 mg/kg
RCB44	444 mg/kg

Although HPAH and LPAH concentrations were relatively low in the samples from 2^{nd} Ave S drainage system (620 – 3,480 ug/kg dw and <59 – 160 ug/kg dw, respectively), TPH-oil concentrations were above the MTCA Method A soil screening level in 13 samples, ranging from 2,200 to 16,000 mg/kg. HPAH and LPAH concentrations (607-9,090 and <59 – 2,030 ug/kg dw, respectively) are on the low end of the range found in other storm drains sampled in the LDW.

PCBs concentrations were relatively low in the 13 samples collected from City-owned lines in the 2^{nd} Ave S drainage system (26 – 304 ug/kg dw). No samples exceeded the 2LAET screening level and only seven samples exceeded the LAET screening level. These concentrations are on the low end of the range found in other storm drains sampled in the LDW (see box plots in Appendix B). The highest PCB concentration (902 ug/kg dw) was measured in a sample collected from a private onsite catch basin (CB116) located at a small recycling facility.

Surface sediment samples in the waterway within 35-100 ft of the 2nd Ave S outfall (LDW-SS84, EAA-SED2, EAA-SED3) exceeded the SCO for cadmium, chromium, copper, mercury, lead, zinc, BEHP, 2-methylnaphthalene, benzo(a)anthracene, benzo(g,h,i)perylene, benzo(a)pyrene, benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, fluoranthene, total benzofluoranthenes, HPAH, pentachlorophenol, phenol, 1,4-dichlorobenzene, PCBs, and total DDTs (AECOM 2012a, SAIC 2011). The concentrations of these chemicals in waterway sediment were generally higher than the concentrations found in the samples collected from the City's storm drain indicating that the City MS4 is not a major source of the contamination found in waterway sediment.

Table C-23: Summary of chemicals exceeding SMS screening levels in samples collected from the 2nd Ave S SD storm drain system.

	SCO LAET	CSL 2LAET	N	Min	Мах	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic	57	93	17	4	50	14	8	0	0
Copper 390		390	17	80 2,	110	293	141	12	12
Lead 450		530	17	34 1,	540	231	87	12	12
Mercury 0.	41	0.59	17	0.02 48		3.52	0.11	12	12
Zinc 410		960	17	130 2,	950	757	452	59	18
TPH-oil 2,	000ª 2	, 000a	17	590 16,	000	4,650	3,200	76	76
LPAH 5,	200	5,200	17	30 2,	030	516	208	0	0
HPAH 12,	000	17,000	17	607 9,	090	2,570	1,690	0	0
cPAH 1,	000 ^b 1	, 000b	17	57 1,	049	328	216	6	6
PCBs 130		1,000	17	26 902		183	122	47	0
BEHP 1,	300	1,900	17	980 39,	000	8,390	3,900	94	76
Butylbenzyl phthalate	63 900)	17	48 11,	000	947	250	94	12
Dimethyl phthalate	71 160)	17	10 840		166	73	53	24

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

a. MTCA Method A soil cleanup level for unrestricted use.

b. Sediment remedial action level.

Samples collected May 2007 through June 2013.

Over the next 5 years, SPU will continue to monitor locations within the City MS4. However, given that a large portion of this drainage system is privately owned, additional sampling outside the City MS4 is needed to characterize contaminant contributions from this drainage system.

1.20.7TH AVE S SD

The 7th Ave S SD serves an area of about 238 acres (see Map 24). Land use in the basin is a mix of residential (18.7 percent), commercial (2.9 percent), industrial (34.2 percent), open/vacant/park (16.7 percent), and right-of-way (27.6 percent). The basin can be generally divided into three sub-basins. The upper basin above SR509 covers about 37.4 acres and is occupied by the City's Fire Training Facility, a church, an apartment building, and several undeveloped parcels. The middle basin (126.3 acres) contains a combination of commercial and residential properties. The lower basin (66.1 acres) is very industrialized with numerous small and medium-sized light to heavy industrial businesses.

The 54-inch and 72-inch mainlines that convey stormwater to the waterway were constructed in 1988-1992. King County constructed the 72-inch line on 7th Ave S as part of the Renton Effluent Transfer System that conveys wastewater from the treatment plant in Renton to Elliott Bay. SPU constructed the 54-inch line on 5th Ave S. Maintenance holes on the 54-inch line are equipped with weirs to trap sediment. The 7th Ave S system is equipped with a tide gate, because the lower approximately 3,000 feet of this system is tidally influenced.

SPU has conducted extensive sampling in this drainage system. A total of 50 samples (1 private onsite catch basin, 13 right-of-way catch basins, 24 inline grabs, and 12 sediment traps) were collected through 2013 (Table C-24). Sampling locations are shown on Map 73. As shown in the box plots in Appendix B, chemical concentrations in most samples from 7th Ave S SD are comparable to the levels found in other storm drains sampled in the LDW.

Table C-24: Summary of chemicals exceeding SMS screening levels in samples collected from the 7th Ave S SD storm drain system prior to cleaning.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic 57		93	50	3	55	17	17	0	0
Copper 390		390	49	9	2,880	201	139	6	6
Lead 450		530	50	3	548	118	112	4	4
Mercury 0.	41	0.59	50	0.01	0.56	0.15	0.19	4	0
Zinc 410		960	50	50	4,140	617	597	64	8
TPH-oil 2,	000ª 2,	000a 48	}	6	46,000	3,100	1,600	44	44
LPAH 5,	200	5,200	49	9	36,711	1,217	280	2	2
HPAH 12,	000	17,000	49	10 19	3, 000	7,680	3,470	8	2
cPAH 1,	000 ^b 1,	000b	49	16 25,	500	1,030	243	98	14
PCBs 130		1,000	49	9 2,	400	253	139	53	4
BEHP 1,	300	1,900	49	10 1,	400,000	33,400	2,600	67	55
Butylbenzyl phthalate	63 900		49	9 1,	400	236	170	80	2
Dimethyl phthalate	71 160		49	9 650		97	66	47	22

N = number of samples

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

a. MTCA Method A soil cleanup level for unrestricted use.

b. Sediment remedial action level.

Samples collected April 2005 through April 2013.

None of the samples exceeded the screening level for arsenic and only a few samples (4-6 percent) exceeded the SCO screening levels for copper, lead, and mercury. Samples that exceeded the SMS screening levels for copper, lead, and mercury are summarized in Table C-25. Screening level exceedances are infrequent and do not seem to follow any particular pattern.

Table C-25: Summary of SMS exceedances for metals in 7th Ave S SD system.

	Copper	Lead	Mercury	Location
RCB131		548	0.11	S Cloverdale St at 5 th Ave S
RCB132	701		0.06 U	S Elmgrove St near 5 th Ave S
RCB198 ^a		542	0.54	Sand box at 7777 7 th Ave S
RCB227	406		0.56	S Kenyon St at 8 th Ave S
RCB350	2,880		0.04	S Portland St north of 7777 7 th Ave S

a. Sample inadvertently labeled as a right-of-way catch basin (RCB), but RCB198 is located on private property.

RCB198 was collected in March 2013 from an onsite sand box at an NPDES-permitted facility located at 7777 7th Ave S. The sand box ties into an onsite system that collects discharges from a pit where wire rope and rigging are tested, as well as several interior floor drains. The floor drains were originally external catch basins, but were built over when the building was expanded. SPU has required that the owner permanently cover the interior floor drains. A visible sheen was observed on the pit during the inspection and samples from RCB198 contained elevated levels of HPAH (16,120 ug/kg dw) and TPH-oil (46,000 mg/kg). This private drainage system connects to the City MS4 at RCB350 on S Portland St. SPU subsequently sampled RCB350 in May 2013 to determine whether contaminants from the facility had reached the MS4. Elevated levels of copper (2,880 mg/kg), LPAH (36,711 ug/kg dw), and HPAH (193,000 ug/kg dw) were found in RCB350. These high levels are likely associated with activities at the facility. The onsite drainage system was jetted and cleaned in 2012; however the contractor who did the work flushed the material into the City MS4 rather than removing and disposing the material as required by City code. Elevated levels of HPAH (13,000 ug/kg dw) found in an inline sample (7th-ST1) collected downstream of this location in 2013, are likely related to this discharge. HPAH concentrations in samples collected prior to 2012 were much lower (3,648 - 8,430 ug/kg, with an average of 5,430 ug/kg dw). In 2014, the property owner modified the onsite drainage system to disconnect all interior floor drains and the wire rope test pit from the storm drain system and routed the exterior storm drains to the new storm drain constructed by SPU on S Portland St in 2014.

Two right-of-way catch basins and two inline samples in the 7th Ave S drainage system exceeded the CSL screening level for zinc:

RCB198 is described above. RCB132 is located on the north shoulder of S Southern St next to SR509. The entire block on the north side of the street is covered by large metal buildings housing a number of machine shop-type businesses. The T3 samples were collected in 2012 as part of a stormwater treatment pilot test that SPU conducted on the 7th Ave S system. Stormwater was pumped out of the downstream end of the drainage system to a pilot electrocoagulation treatment installed on City property at 640 S Riverside Dr. The pilot system was tested during seven storms that occurred between February and early March. Samples were collected from the settling tanks at the end of the test.

Twenty-eight additional inline and catch basins samples collected from the 7^{th} Ave S drainage system (426-918 mg/kg) exceeded the SCO screening level for zinc. Nineteen of the samples were inline grabs and trap samples at 7^{th} –ST1 and 7^{th} -ST2. The others were a combination of inline and right-of-way grab samples at various locations in the basin.

Although zinc is above the SCO/CSL screening levels in a number of samples, zinc was below the SCO in six surface sediment samples collected approximately 70-240 feet offshore of the outfall (LDW-SS335, LDW-SS93, TRI-095T, LDW-SS95, LDW-SS530, and SS-2112-A).

HPAH and PCBs also exceeded the LAET/2LAET screening levels in a few samples collected from the 7th Ave S drainage system Table C-26.

 $^{^{13}}$ The only other chemical that exceeded the CSL/2LAET in the T3 samples was BEHP (4,500 – 4,700 ug/kg dw).

Table C-26: Samples exceeding LAET for HPAH and 2LAET for PCBs in the 7th Ave S SD.

Sample	HPAH (ug/kg dw)	Sample	PCBs ^d (ug/kg dw)
RCB350 193,	000	7 th -ST1 ^c 2,	400
RCB291 125,	990	RCB198	1,210
RCB 131	16,440		
RCB198 ^a 16,	400		
7 th -ST1 ^b 13,	000		

- a. Sample inadvertently labeled as a right-of-way catch basin (RCB), but RCB198 is located on private property.
- b. Sample collected May 13, 2013
- c. Inline grab sample collected September 10, 2008
- d. An additional 24 samples exceeded the LAET for PCBs

RCB198 and RCB350 were described earlier. RCB291 is located on S Holden St between 5th Ave S and 7th Ave S. S Holden St is a major transportation route through the industrial area in the South Park neighborhood. RCB131 is located on S Cloverdale St just west of 5th Ave S. S Cloverdale St is a major arterial serving the South Park community.

7th-ST1 is located at the downstream end of the drainage system. Seven inline grabs and four sediment trap samples have been collected at this location; however these are the only two samples that exceeded the LAET screening level for HPAH and 2LAET screening level for PCBs. Ten samples (188 – 710 with an average of 400 ug/kg dw) exceeded the LAET for PCBs.

SPU conducted extensive source tracing in the 7th Ave S system. One significant source of PCBs was identified at an NPDES-permitted site in the 7th Ave S drainage basin. See discussion of Independent Metals storage yard in Appendix D. PCB concentrations in several of the samples collected at 7th-ST1 located near the downstream end of the basin (640-2,400 ug/kg dw) were on the high end of the range found in other areas in the LDW. Sediment tends to accumulate in the 7th Ave S drain because it is tidally influenced and pipes are oversized to store stormwater during high tides. Portions of the system along 5th Ave S were also equipped with weirs that function as sediment traps. The lower 70 acres of the basin is highly industrialized. As a result, SPU decided to clean the system to remove accumulated contaminants and facilitate future source tracing efforts. Ecology provided \$550,000 through an interagency agreement, which SPU supplemented to enable SPU to jet and clean all of the city-owned pipes and associated structures in the drainage system. Work was completed in 2013. Approximately 11,400 feet of pipe were cleaned and 744 tons of material were removed.¹⁴

In 2014, SPU collected seven samples from various locations in the 7th Ave S storm drain system. Results are summarized in Table C-27. With the exception of PCBs, concentrations in samples collected one year after cleaning were lower than the concentrations in samples collected prior to cleaning. PCB concentrations remained about the same (9-2,400 ug/kg dw prior to cleaning versus <19 -3,200 ug/kg dw after cleaning). The highest concentration (3,200 ug/kg dw) was measured in a right-of-way catch basin (RCB165) located on S Chicago St between 5th Ave S and 7th Ave S. An earlier sample at this location contained only 61 ug/kg dw PCBs. RCB165 is located on the upstream end of the pipe on S Chicago St and receives runoff from only the immediate area. Businesses on either side of the street in this area include a wholesale lumber and building supply facility and a manufacturer of industrial gears.

¹⁴ Sediment removed by cleaning was dewatered, but not entirely dry when weighed for disposal purposes.

Table C-27: Summary of chemicals exceeding SMS screening levels in samples collected from the 7th Ave S SD storm drain system after cleaning

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic 57		93	7	3.5	20	8.9	9	0	0
Copper 390		390	7	38	281	136	128	0	0
Lead 450		530	4	21	357	184	180	0	0
Mercury 0.	41	0.59	7	0.02	.013	0.06	0.05	0	0
Zinc 410		960	7	177	1,670	578	351	43	14
TPH-oil 2,	000ª 2,	000a 7		200	9,900	4,520	4,300	71	71
LPAH 5,	200	5,200	7	14	1,630	814	870	0	0
HPAH 12,	000	17,000	7	108 14	, 380	5,940	5,010	14	0
cPAH 1,	000 ^b 1,	, 000b	7	20 1,	730	674	596	14	14
PCBs 130		1,000	7	10 3,	200	734	388	86	14
BEHP 1,	300	1,900	7	76 30,	000	8,910	5,200	86	86
Butylbenzyl phthalate	63 900		7	10 510)	246	160	86	0
Dimethyl phthalate ^c	71 160		7	10 290)	138	110	71	29

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

Samples collected May-June 2014.

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level
- c. Dimethyl phthalate detected in 2 samples. Detection limits ranged from 19 420 ug/kg dw.

Surface sediment samples have been collected at five locations located within 70-185 feet of the 7th Ave S SD. Results are inconsistent (Table C-28). BBP and BEHP exceed the SMS at two closest stations within 50-70 feet of the outfall, but PAHs are elevated at the farther stations (95-185 feet offshore of the outfall). Fluoranthene is the only PAH that exceeds the SCO in the closer stations, but only at the 70-foot and not at the 50-foot station. Similarly, PCBs exceed the SCO in the 50 and 95 foot samples, but not in the 70-foot sample. With the exception of BEHP, of the 50 samples collected in the 7th Ave S SD, only the following 10 samples exceeded the 2LAET for one or more of the chemicals found in the offshore sediments:

PAHs: RCB350, RCB291, RCB198, RCB157, and RCB131

■ PCBs: RCB165, RCB198, and and 7th-ST1 (inline grab on May 3, 2013)

Butylbenzylphthalate: RCB275, RCB291, RCB227, and RCB198.

Table C-28: Chemicals exceeding SMS in surface sediment samples collected within 200 feet of the 7th Ave S SD.

Station	Distance from outfall			Chemicals >CSL	
SS2112-A 50		Opposite	BBP, BEHP, hexachlorobenzene, PCBs	Mercury, benzyl alcohol	
LDW-SS335 70		Opposite	BBP, fluoranthene	ВЕНР	
LDW-SS530 95		Downstream	2-methylnaphthalene, benzo(a)anthracene, benzo(a)pyrene, chrysene, dibenzofuran, fluoranthene, fluorene, phenanthrene, total benzofluoranthenes, HPAH, LPAH, PCBs	Acenaphthene, dibenzo(a,h)anthracene benzo(g,h,i)perylene, indeno(1,2,3-cd)pyrene,	
TRI-095T 156		Upstream	Benzyl alcohol	2,4-dimethylphenol	
LDW-SS95 185		Upstream	Anthracene, benzo(a)anthracene, chrysene, fluoranthene, , indeno(1,2,3-cd)pyrene, HPAH	Acenaphthene, dibenzofuran, fluorene, phenanthrene, LPAH	

Additional source control activities planned in the 7th Ave S drainage system include:

- Continue operating and maintaining the three sediment traps
- Conduct follow-up sampling in the drainage system after cleaning
- Continue inspecting businesses.

1.21.S 96TH ST SD

The S 96th St SD serves an area of 1,050 acres, mostly in unincorporated King County (see Map 26). Approximately 83 acres within the City of Seattle drain to this outfall. Sample results for the 9 samples collected within the City MS4 are summarized in Table C-29. Sampling locations are shown on Map 74. Three of the nine samples (2 right-of-way catch basins and 1 private onsite catch basin) exceed the 2LAET screening levels for zinc (RCB288, RCB289, and CB129), and BEHP (RCB287, RCB289, and CB129). Two samples exceed the MTCA Level A soil cleanup level for TPH-oil (RCB287 and CB129) and butylbenzylphthalate (RCB287, and CB129). A single sample (CB129) exceeds the 2LAET screening level for dimethylphthalate. CB129 is located at a heating and electrical equipment manufacturer. RCB 287, RCB288, and RCB289 are samples collected from right-of-way catch basins in a small industrial area bordered by 8th Ave S, 10th Ave S, S Director St, and S Cambridge St.

Table C-29: Summary of chemicals exceeding SMS screening levels in samples collected from the City MS4 in the S 96th St storm drain system.

	SCO LAET	CSL 2LAET	N	Min	Max	Mean	Median	Percent of samples >SCO LAET screening level	Percent of samples >CSL 2LAET screening level
Arsenic 57		93	9	4.9	30	15	11	0	0
Copper 390		390	9	21	189	83	58	0	0
Lead 450		530	9	19	120	44	30	0	0
Mercury 0.	41	0.59	9	0.02	0.07	0.04	0.04	0	0
Zinc 410		960	9	82	1,760	792	504	56	33
TPH-oil 2,	000ª 2,	000ª 9		72	18,000	2,840	510	22	22
LPAH 5,	200	5,200	9	10	3,180	646	92	0	0
HPAH 12,	000	17,000	9	10 4,	910	1,720	1,177	0	0
cPAH 1,	000 ^b 1,	000p	9	17 1,	197	295	124	11	11
PCBs 130		1,000	9	9 130		45	20	0	0
BEHP 1,	300	1,900	9	200 19	, 000	3,810	1,300	44	33
Butylbenzyl phthalate	63 900		9	10 25,	000	3,800	490	78	339
Dimethyl phthalate ^a	71 160		9	10 700		116	46	22	11

Units: mg/kg for metals and TPH-oil, ug/kg dw for organic compounds.

- a. MTCA Method A soil cleanup level for unrestricted use.
- b. Sediment remedial action level.

Samples collected March 2008-May 2014.

No surface sediment samples have been collected in the vicinity of the S 96th St SD. In 2012, sediment cores (1.5 to 2.5 feet) were collected in the vicinity of the Duwamish Yacht Club for dredge disposal characterization (U.S. Corps of Engineers 2013). Sample DMMU6, collected within 200 feet of the S 96th St SD exceeded the LAET for butylbenzylphthalate (211 ug/kg dw). In addition, dioxins/furans (10.74 pg/kg TEQ) exceeded the Corps of Engineers' screening level for inwater disposal of dredged material (10 pg/kg TEQ). No other chemicals exceeded sediment criteria. Over the next 5 years, SPU will continue to inspect the businesses in the area served by the City MS4.

APPENDIX D SOURCES IDENTIFIED TO DATE

Appendix D: Sources Identified To Date

Contents 1. T117 Adjacent Streets 2. Rainier Commons (Diagonal Ave S CSO/SD) 3. Seattle Iron and Metals Company, metal recycling facility (S Myrtle St SD) 4. Seattle Iron and Metals Company, storage yard (S Myrtle St SD) 5. Marine Lumber (7 th Ave S SD) 6. Sternoff Metals (8 th Ave S Roadway) 7. Independent Metals (7 th Ave S SD and Direct Discharge) 8. Seattle Barrel (Diagonal Ave S CSO/SD) 9. Jon's Recycling (2 nd Ave S SD) 10. Chemi thon (Private SD) 11. Western Waterproofing (Diagonal ave S CSO/SD) 12. Sun Food Trading Company	D-2 D-3 D-6 D-7 D-8 D-1 D-1 D-10 D-11
Figure 1: Washwater entering Airport Wy S. Figure 2: Pressure washing. Figure 3: Washwater flowing down gutter line. Figure 4: Seattle Iron and Metals. Figure 5: Metal shredder. Figure 6: Auto fluff pile. Figure 7: S Myrtle St at Seattle Iron and Metals. Figure 8: S Myrtle St Filterra units. Figure 9: Clogged mulch layer.	D-3 D-4 D-4 D-4 D-6
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Source tracing efforts have been effective in identifying sources of contaminants to the Cityowned drainage system. The following sections highlight significant sources of LDW-specific contaminants of concern (COC) discovered to date through ongoing SPU source tracing and inspection efforts.

1. T117 ADJACENT STREETS

In 2004, SPU found elevated levels of PCBs in soil/dirt present in the street right-of-way (ROW) adjacent to the Terminal 117 Early Action Area (0.03 - 9.2 mg/kg dw) during routine source tracing activities conducted as part of the LDW source control program. Subsequent sampling detected PCBs as high as 480 mg/kg in ROW soil (measured at 6-inch depth). SPU completed an independent interim action in December 2004 to protect public health by containing PCB-contaminated soil in the ROW. Since then, runoff from approximately 1.57 acres of streets and parcels adjacent to T117 has been collected, stored (in nine 10,000-gallon tanks), and discharged at a controlled rate to the combined sewer system under a discharge authorization with King County Industrial Waste. Because the existing combined sewer system is over capacity, stormwater from the T117 adjacent streets and yards is only discharged to the sewer after it has stopped raining and the system is no longer surcharged.

In 2007, EPA incorporated the T117 adjacent streets and yards as a third cleanup area under the Superfund T117 Early Action Area non-time critical removal action (NTCRA). The other two areas are the T117 Sediment Study Area and the T117 Upland Study Area (Map D-1A). The subsequent remedial investigation/feasibility study (RI/FS) determined that PCBs originated on the T117 upland site due to historic operation of a roofing material manufacturer (Malarkey Asphalt) and that some of the PCBs used by Malarkey had originated in oil purchased from the Seattle City Light Department (SCL). PCBs present in the ROW were determined to be caused by trackout of PCB-laden mud from Malarkey operations. The Port of Seattle (Port) and SCL are cleaning up the sediment offshore of T117 and the T117 upland areas. Work began in June 2013 and is expected to be completed in 2014. SCL is cleaning up PCB-contamination in the ROW. Work is scheduled to begin in late 2014.

The adjacent streets will be restored following cleanup and SPU will install a new stormwater collection and treatment system that discharges to the waterway. Stormwater will be treated in a combination of bioretention cells and Filterra® tree box units. The bioretention soil media will be designed to effectively remove pollutants commonly found in urban runoff. Design is currently in progress. It is anticipated that the soil media will include sand, zeolite, and granular activated carbon, or other similar materials.

Runoff from the roadways adjacent to the T117 early action site historically discharged to the Duwamish Waterway. Prior to 2004, this area was not served by a formal drainage system and streets were in poor condition. Stormwater simply ran down the streets, sheet flowed across the Port's T117 property, and was picked up in the onsite drainage system or ponded in the streets/adjacent yards. A connection to the combined sewer discharge was installed as part of the interim action because at that time, there was no piped connection to the T117 onsite drainage system and creating a connection would have entailed constructing a new conveyance system through Port's T117 property. Since soil on T117 contained elevated levels of PCBs and because negotiating an access agreement with the Port would have delayed the interim action, SPU elected to temporarily discharge stormwater from the adjacent streets and yards to the combined sewer system until the final cleanup was completed and a permanent stormwater collection and treatment system could be installed. Runoff is discharged to the Lower Duwamish Waterway via the Port's T117 onsite drainage system when runoff volume exceeds the capacity of the storage tanks is exceeded (i.e., large storms or multiple back to back storms) or when tanks and

associated piping are drained to protect from freezing. Since 2005, the temporary system has overflowed to the waterway approximately 15 times.

SPU samples and analyzes discharges from the tank every month for PCBs as required under a discharge authorization with King County. Results are presented in Table D-1A. In addition, SPU regularly samples solids present in catch basins in the vicinity of T117 and from the storage tanks. Sample locations are shown on Map D-1B and results are presented in Table D-1B.

2. RAINIER COMMONS (DIAGONAL AVE S CSO/SD)

In 2004, SPU found elevated levels of PCBs (17.5 mg/kg dw) in sediment collected from a catch basin on Airport Wy S (RCB37 on Map D-2) while conducting routine source tracing activities. Subsequent sampling traced the PCBs to the exterior building paint on buildings at the Rainier Commons located at 3001 Airport Wy S. Peeling paint containing up to 213,000 mg/kg PCBs (NVL 2012) is contaminating runoff entering the Diagonal Ave S CSO/SD drainage system from the north end of the property and the combined sewer, which overflows to the East Waterway via King County's Hanford #2 CSO. The EPA Toxics Substances Control Act (TSCA) Program took over enforcement on this site following a 2009 EPA inspected the site in 2009 when up to 10,000 mg/kg PCBs was found in exterior paint samples. Rainier Commons submitted a cleanup Work Plan to EPA in September 2012. Results from paint sampling presented in the Work Plan indicate that exterior building paint contains up to 312,000 mg/kg total PCBs (EPI 2012). The paint is in poor condition and is entering both the separated storm drain and the combined sewer systems adjacent to this property. The first phase of the cleanup, involving paint removal from two of the 24 buildings to be cleaned, was completed in 2014.

At the time this report was drafted, the Work Plan was still under review by EPA. SPU continues to work with King County Industrial Waste, Ecology, and EPA to try to control the amount of PCBs discharged to the City MS4. However, under existing code authority, the City can only monitor the accumulation of PCBs in the MS4 downstream of this property and work with the property owner to implement appropriate BMPs. The City does not have the authority to effect a site cleanup. Consequently, PCBs continue to discharge from this site to the City's storm drain system. Sampling locations are shown on Map D-2 and results are presented in Table D-2. A brief timeline of SPU source control actions at this site is provided below:

- June 30, 2004. SPU finds 17.5 mg/kg dw PCBs in right-of-way catch basin RCB37.
- August 2004. SPU traces PCBs (17-23 mg/kg) to catch basins in the parking lot adjacent to Rainier Commons (RCBSTEV1 and RCBSTEV4).
- October 2005. SPU conducts additional sampling on the Rainier Commons property and finds 2,200 mg/kg PCBs in a trench drain in the breezeway between buildings that discharges to the City MS4. SPU sends a corrective action letter requiring cleaning of all catch basins located on site. Additionally, the corrective action letter requested that Rainier Commons investigate their property for the source of the PCBs found in the catch basins.
- January 2006. SPU sends letter to Rainier Commons requiring the property owner to clean "all of the lines connecting catch basins (with PCB in the sediment) to remove any residual contaminated sediment in the lines."
- June 2006. Rainer Commons publishes results of sampling conducted on the property (Vernon 2006). Reports up to 9.8 mg/kg in onsite catch basins and 2,300 mg/kg in exterior building paint.

- 2006-2007. SPU attends multiple meetings with Rainier Commons, Ecology, King County to discuss line cleaning, but there is no resolution on who will clean the lines.
- January 2008, SPU hires contractor to clean the catch basins and connecting storm drains at Rainier Commons that discharge to the City storm drain on Airport Wy S, as well as the city-owned storm drains on S Stevens St and Airport Wy S and bills Rainier Commons for their share. Prior to cleaning, SPU collects additional samples from onsite drainage system and MS4. PCBs range from 8.5 to 189 mg/kg dw.
- 2009-2011. SPU continues sampling catch basin RCB37 on Airport Wy S. PCBs in three samples collected between 2009-2011 range from 0.26 to 0.4 mg/kg dw.
- July 2012. SPU samples two of the four catch basins located in parking lot adjacent to Rainier Commons (TUL-CB2 and TUL-CB3). PCBs are elevated (8.2 and 12.4 mg/kg, respectively).
- September 2012. SPU collects inline grab samples from the MS4 on Airport Wy S downstream of the Rainier Commons property. Results of analysis of this sediment sample (7.3 mg/kg dw PCBs) indicate that the Rainer Commons continues to be a significant source of pollutants to the MS4.
- November 2012. SPU issues Notice of Violation to Rainier Commons requiring them to clean onsite storm drains, as well as MS4 on Airport Wy S downstream of site. Cleaning completed February 2013.
- March 2013. SPU inspectors observe Rainier Commons pressure washing outside of buildings with no containment. Washwater is observed running onto street. Inspectors issue stop work order and file Notice of Violation. Staining observed along gutter line, but washwater did not reach catch basin (Figure 1 - Figure 3). Note catch basin is connected to the combined sewer.
- April 2013. SPU collects stormwater sample from gutter line where it enters the
 catch basin on the combined sewer. Elevated levels of PCBs (0.088 ug/L), copper
 (87 ug/L), lead (30 ug/L), and Zn (380 ug/L) measured in sample. Sample results
 provided to Ecology and EPA.



Figure 1: Washwater entering Airport Wy S.



Figure 2: Pressure washing.



Figure 3: Washwater flowing down gutter line.

3. SEATTLE IRON AND METALS COMPANY, METAL RECYCLING FACILITY (S MYRTLE ST SD)

In 2008, as part of routine source sampling activities, SPU found elevated levels of PCBs and mercury in sediment samples collected from the MS4 along S Myrtle St, S Garden St, and S Brighton St. Subsequent sampling traced the source of the contaminants to Seattle

Iron and Metals Company (SIMC), a large metal recycler located adjacent to the waterway at 601 S Myrtle St. SIMC has an individual NPDES permit with Ecology. Emissions from the large metal shredder and trackout of contaminated dirt from vehicles exiting the site are contaminating the right-of-way (Figure 4- Figure 7). SPU has conducted extensive source tracing sampling on and around the SIMC property and has been working with SIMC and Ecology to reduce emissions from this site. Sample results are summarized on Table D-3 and sampling locations are shown on Map D-3. A brief timeline of SPU source control actions at this site is provided below:



Figure 4: Seattle Iron and Metals¹



Figure 5: Metal shredder².



Figure 6: Auto fluff pile.



Figure 7: S Myrtle St at Seattle Iron and Metals.

- September 2008. SPU finds elevated levels of PCBs (0.694-2.56 mg/kg dw) and mercury (0.97 – 1.88 mg/kg) in two catch basins (RCB146 and RCB14) and one maintenance hole (MH100B) on S Myrtle St.
- 2008-2009. SPU conducts additional source tracing in and around the SIMC property and finds elevated levels of PCBs and mercury at numerous locations. The highest levels of PCBs are measured in the detention tank (25 mg/kg dw in MH240) and a catch basin (18.3 mg/kg in CB207) in the onsite drainage system (see Map D-3 and Table D-3).
- June 2009. SPU inspects the site and requires a number of corrective actions, including:

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Source: Floyd Snider, 2009.
 Source: Floyd Snider, 2009.

- Eliminate trackout of sediment and dirt from SIMC property onto adjacent City streets.
- Cover all outside materials that have potential to leach or spill to the LDW, including scrap piles adjacent to the dock where gaps permit material and stormwater to discharge directly to the waterway
- Removal scrap storage bins from City ROW
- Prepare written spill response plan and post at appropriate location.
- Improve onsite housekeeping by regularly 1) sweeping the lot, 2) monitoring catch basins and maintaining when needed, and 3) cleaning up leaks/spills when they occur.
- December 2009 to February 2010. SPU jets and cleans all of the City-owned lines on S Myrtle St, S Garden St, and S Brighton St to remove contaminated sediment that has accumulated in these systems.
- May 2010. SPU and EPA resample catch basin on S Myrtle St adjacent to SIMC driveway (RCB189), as well as sample sediment from roof tops/rain gutters on administration building (RD-1) and maintenance shed (RD-2) and catch basin in employee parking lot (CB157). Runoff from these areas is not treated in SIMC's onsite treatment plant, but instead discharges directly to City MS4 at S Garden St and S Myrtle St. Elevated levels of copper, lead, mercury, and PCBs are found, indicating that discharges from SIMC are affecting the MS4 in S Myrtle St.

Copper: 975 - 3,280 mg/kg Lead: 904 - 1,700 mg/kg Mercury: 0.66 - 2.56 mg/kg PCBs: 1.93 - 4.87 mg/kg dw

PCBs (1.65 mg/kg dw) and mercury (0.66 mg/kg) in RCB189 are again elevated and 5-6 inches of sediment observed in structure following February 2010 cleaning.

- July 2010. SPU issues NOV for prohibited discharge to MS4 and inadequate source controls and submits S4F notice to Ecology
- October 2010. SPU and SIMC sign voluntary compliance agreement requiring the following actions:
 - Survey roofs and gutters of all structures to assess solids buildup
 - Clean roofs/gutters where appropriate
 - Prepare plan for designing and installing stormwater filters on roof downspouts to prevent contaminants from discharging to Seattle MS4.
 - Continue to sweep at least once each day at the end of the shift and more frequently if needed, and move employee vehicles from street ROW to the employee parking lot on SIMC property.
 - Clean catch basins located on the south side of S Myrtle St from the road end to 7th Ave S.
- November 2010. SIMC removes PCB-contaminated sediment from catch basin on south side of S Myrtle St near driveway entrance (RCB189).
- February 2011. SPU re-samples catch basin on south side of S Myrtle St near SIMC driveway entrance (RCB189/RCB225) and again finds elevated levels of PCBs (8.23 mg/kg dw) and mercury (1.53 mg/kg). In addition, nearly 5 inches of sediment has accumulated in catch basin since it was cleaned in November 2010, indicating that trackout continues to be a problem. Samples from catch basin in unpaved shoulder on north side of S Myrtle St contain lower levels of contaminants (0.86 mg/kg PCBs and 0.38 mg/kg mercury.

- March 2011. City adds weekly sweeping of S Myrtle St from 8th Ave S westward to the street end to the citywide Street Sweeping for Water Quality Program.
- June 2011. Ecology and the City agree that the best mechanism for requiring SIMC to control the roof drainage is under the revisions to SIMC Individual Wastewater Discharge Permit. SPU notifies Ecology that SPU will continue to enforce the other elements of the VCA, or amended VCA, issued to SIM in addition to any other enforcement necessary for future violations of the Stormwater Code (SMC 22.800-22.808).
- December 2011. SPU amends VCA requiring SIMC to install Filterra stormwater treatment units to treat runoff from area adjacent to the driveway entrance where PCB-contaminated sediment continues to occur in nearby catch basin.
- March 2013. SIMC installs two Filterra stormwater treatment units on S Myrtle St (Figure 8).
- May 2013. Filterra units clogged with sediment (Figure 9).



Figure 8: S Myrtle St Filterra units.



Figure 9: Clogged mulch layer.

4. SEATTLE IRON AND METALS COMPANY, STORAGE YARD (S MYRTLE ST SD)

SIMC stores and repairs equipment (e.g., trucks, drop-boxes, dumpsters, and bins) used as part of its metal recycling operations on leased property located at 730 S Myrtle St (Map D-4). Runoff from this 3.2-acre unpaved lot sheet flows onto S Myrtle St and Fox Ave S. The site is covered by an industrial general stormwater permit. SPU conducted a joint inspection at the site with Ecology in 2012 and found bins/boxes containing metal shavings and residual oils stored outside without proper cover that were leaking onto the ground. Inspectors also observed turbid and oily stormwater flowing off site onto the adjacent right-of-way.

SPU issued a corrective action letter requiring SIMC to prevent the drums and collection bins from contaminating stormwater and the ground around where they are stored, develop and implement a plan to prevent spills and other accidental releases of materials from contaminating stormwater, and control soil erosion from the site. Ecology also required SIMC to begin testing stormwater for lead and TPH, update the site's stormwater pollution prevention plan, and provide proper cover for all liquid chemical or petroleum wastes stored at the site (Ecology 2012).

SIMC made a number of improvements (e.g., installing gravel/mulch berms around the site to filter runoff and moved or covered many of the storage containers). However, given the size and amount of erodible soil on site, site runoff continued to be highly turbid. Ecology issued SIMC a Notice of Penalty in June 2012 for non-compliance with their NPDES permit and water pollution control requirements. SIMC and Ecology signed a Settlement Agreement in 2013, which required SIMC to investigate short-term and long-term structural and operational controls that could be implemented to meet NPDES benchmarks and to update the site's stormwater pollution prevention plans. To avoid interfering with Ecology actions at the site, SPU discontinued enforcement actions and formally referred the site to Ecology in 2013.

5. MARINE LUMBER (7TH AVE S SD)

Marine Lumber has stored treated and untreated lumber on the property located at the northeast corner of 5th Ave S and S Monroe St since the 1980s (EPI 2012). Treated lumber is treated with ammoniacal copper zinc arsenate (ACZA) containing a 2:1:1 ratio of copper oxide, zinc oxide, and arsenic pentoxide. SPU inspected the property in March 2009 and observed green stains across most of the paved storage lot. Runoff sheet flows across the site and enters a small ditch on the north side of S Monroe St. The adjacent property owner to the east had at one time installed a sump to intercept runoff before it could run down the entrance to their building and pumped it to

Samples of dirt from the paved lot (710 mg/kg arsenic, 4,930 mg/kg copper) and direct in the ditch where most runoff exits the site (750 mg/kg arsenic, 4,520 mg/kg copper) confirmed that ACZA was leaching from the lumber and contaminating site runoff. SPU inspectors worked with the property owner over the next year bring the site into compliance with City source control requirements. The owner made a number of improvements including pressure washing the pavement, working with lumber supplier to obtain a drier product less susceptible to leaching, and minimizing the amount of pressure treated lumber stored at the site. Subsequent sampling conducted in 2011 determined that arsenic and copper contamination extended approximately 65 feet east of the property boundary where soil in the ditch contained 430-544 mg/kg arsenic and 1,890-2.730 mg/kg copper at depths of 0-3 inches (sample RCB275). Sample locations are shown on Map D-5 and sample results are provided in Table D-4.

In November 2011, Ecology ordered Marine Lumber to implement controls under their NPDES industrial general stormwater permit and to clean up contaminated soil in the right-of-way. Marine Lumber completed a partial cleanup in September 2012 by removing contaminated soil along the 100 ft property frontage on the north side of S Monroe St, extending outward from the fence line to the edge of the pavement. The cleanup did not extend beyond the property boundaries so contamination found at RCB275 was left in place (EPI 2012). In addition, SPU collected samples at the edge of the excavation and found elevated levels of arsenic (210-980 mg/kg) and copper (396-3,680) at depths of 0 to 24 inches. SPU does not have authority to require site cleanup and has requested that Ecology maintain the site on their contaminated site list to ensure that Marine Lumber completes the necessary cleanup in the future.

Marine Lumber sold the property in 2014. The site is now being used to store semi-truck chasses.

6. STERNOFF METALS (8TH AVE S ROADWAY)

Sternoff Metals operated a scrap metal salvage yard on the property at 7123 E Marginal Wy S for 45 years until about 1986 (Ecology 2008). This 2.5 acre site is located along the east side of 8th Ave S. Most site runoff is collect in an onsite system that is plumbed to the

combined sewer on E Marginal Wy S. The company also operated an aluminum smelter and auto crusher at this property and reportedly received electrical transformers and capacitors. A number of other tenants occupied the property after Sternoff Metals, the most notable being Remedco, a thermal treatment company that applied for permits to treat petroleum contaminated soil at the site. Although the company never obtained the necessary permits, it did accumulate debris and soil at the site that was found to contain solvents and metals (Ecology 2008). Ecology sampled the debris/soil pile in 1999 and found the material contained 69-120 mg/kg PCBs. This material was subsequently removed and disposed at the Waste Management landfill in Arlington, Oregon. Soil samples collected from the sides and bottom of the excavation still contained 9-77 mg/kg PCBs (Ecology 2008).

In 2008, a community group collected soil samples in the right-of-way as part of an investigation to determine whether a bioretention system could be installed along the east side of 8th Ave S near the former Sternoff property (Simson 2008). PCBs in soil samples collected at depths of 0-12 inches and 12-18 inches contained elevated levels of PCBs (4.4 – 5.9 mg/kg) and lead (309 - 4,700 mg/kg). The bioretention cell was subsequently moved to the next parcel south along 8th Ave S (approximately 200 feet) where testing confirmed that soils in the right-of-way were not contaminated. In July 2009, SDOT collected samples at depths of 0-7 feet at two soil borings located opposite the property at 7266 8th Ave S (Herrera 2009). Concentrations of TPH-Dx, PCBs, copper, chromium, lead, nickel, and zinc were well be MTCA Method A soil cleanup levels. Soil contamination in the right-of-way appears to be confined to the vicinity of the former Sternoff Metals site.

SPU collected additional source tracing samples in the right-of-way and on the former Sternoff property to determine whether PCBs found in the right-of-way could be coming from residual materials remaining on the site. Samples were collected from the right-of-way adjacent to the driveway on 8th Ave S and from dirt piles and the paved yard area on the property (Map D-6). Dirt in the gravel shoulder adjacent to the driveway entrance contained 3,600 – 6,900 ug/kg dw PCBs and dust scraped from the pavement in the yard area contained 1,340 ug/kg dw PCBs. The onsite soil piles contained lower concentrations of PCBs (182-530 ug/kg dw). Sanple results are summarized in Table D-5. This site is on Ecology's list of known or suspected contaminated sites, but past cleanup activities and investigations have focused on removing onsite materials and have not considered the release of chemicals onto the right-of-way.

7. INDEPENDENT METALS (7TH AVE S SD AND DIRECT DISCHARGE)

Independent Metals is a metals recycling facility with properties at 703 S Monroe St (storage yard), 747 S Monroe St (Plant 1), and 748 S Kenyon St (Plant 2). Runoff from the storage yard property and the driveway entrance to Plant 1 discharge to the City's 7th Ave S storm drain system. Most runoff from Plant 2 discharges directly to the LDW via a private onsite drainage system, but runoff from the driveway discharges to the combined sewer system on 8th Ave S. SPU found elevated levels of PCBs at Plant 2 in samples collected from an onsite catch basin (2.5-5.9 mg/kg dw)

The storage yard is used to temporarily store truck chassis with enclosed empty shipping containers, empty truck trailers, and empty open top roll off containers. It is not manned and not fenced (Map D-7). The lot is dirt and gravel with no drainage structures on the property. Stormwater sheet flows off the property and onto 7th Ave S, where it enters an inlet on the City drainage system. In February 2012, while pilot testing a stormwater treatment system on the 7th Ave S storm drain system, SPU found elevated levels of PCBs (0.03 – 0.125 ug/L) in stormwater downstream of Plant 1 and the storage yard property. At the same time, SPU and Ecology inspectors found a leaking roll off container at the storage lot that contained a large amount of residual oil. Oily water was observed entering the inlet on 7th Ave S adjacent to the property. Ecology measured 7 ug/L total PCBs in the water

entering the inlet. The owner agreed to immediately and permanently move all of the open roll off containers from the storage yard and subsequently moved the containers to Plant 2 site. Following the inspection, PCB concentrations in stormwater samples entering the pilot test site dropped to 0.01-0.06 ug/L in samples collected February 29 and March 3, 2012. SPU resampled the inlet on 7th Ave S on March 20, 2013 and found 1.15 ug/L total Aroclors in runoff entering inlet. Results for samples collect adjacent to the storage yard are provided in Table D-6. Runoff entering the catch basin on the southeast corner of S Monroe Ste and 7th Ave S (immediately downstream of the storage yard) contained 0.103 ug/L total PCBs. This property is an ongoing source of PCBs to the City's 7th Ave S storm drain and SPU has asked Ecology to 1) include the storage yard under the industrial general stormwater permit for Plant 1 and require the owner to implement appropriate BMPs and 2) list the storage yard as a contaminated site.

8. SEATTLE BARREL (DIAGONAL AVE S CSO/SD)

SPU inspected the Seattle Barrel facility located at 4716 Airport Wy S (Diagonal Ave CSO/SD system) in 2003, 2006, 2008, and 2009, and over the years has worked with King County, Ecology Water Quality, Ecology Hazardous Waste, and EPA enforcement staff to control discharges to the City storm drain and sanitary sewer systems that serve this property. In 2008, SPU collected a sediment sample from a sump located at the southeast corner of the building that discharges to the sanitary sewer on Airport Wy S (CB130). A number of chemicals exceeded the CSL/2LAET screening levels:

Chemical		Chemical	
Arsenic 480		LPAH 79.	7
Copper 707		HPAH 37.	9
Lead 1,	230	BEHP 180	
Mercury 21		Butyl benzyl phthalate	97
Zinc 1,	460	Di-n-butyl phthalate	11
TPH-diesel 36,	000	PCBs ^a 41	Υ
TPH-oil 91,	000	2-methyl naphthalene	39
Dibenzofuran 6.4		Phenol 13	

Units: mg/kg

a. PCBs were not detected, but the analytical detection limit was elevated (41,000 ug/kg dw) due to interferences from other chemicals.

King County Industrial Waste regulates discharges to the sanitary sewer at this site. The sewer on Airport Wy S in this area can overflow to the Diagonal storm drain system at an overflow point located at Airport Wy S and S Snoqualmie St. SPU records indicate that this station (CSO 111G) has overflowed five times in the past 10 years and not at all since the storm drain lines were cleaned in 2010:

December 7, 2007	.914,600 gallons
December 14, 2006	56,200 gallons
November 18, 2003	. 172,400 gallons
October 20, 2003	. 235,400 gallons
March 3, 2003	42.000 gallons

SPU required the barrel cleaning facility to stop unloading drums in the right-of-way and to install barriers to prevent runoff and washwater from entering the street. SPU has also jetted, cleaned, and video-inspected the sanitary sewer and storm drain lines along Airport Wy S.

9. JON'S RECYCLING (2ND AVE S SD)

SPU inspected Jon's Recycling, a small recycling facility located at 7620 2nd Ave S in 2008 and found a number of issues associated with outdoor storage (e.g., leaking or oily machinery, electrical equipment, batteries, capacitors, ballasts, fluorescent tubes, paint, waste oil), lack of spill control/containment, poor housekeeping practices, and lack of secondary containment for fuel and oil storage areas. Runoff from this site discharges to the 2nd Ave S SD. A sample collected from an onsite catch basin (CB116) contained elevated levels of copper (2,110 mg/kg), lead (1,180 mg/kg), mercury (10.5 mg/kg), zinc (2,690 mg/kg), TPH-oil (16,000 mg/kg), and TPH-diesel (4,200 mg/kg). SPU required the owner to implement appropriate BMPs, clean onsite catch basins, and referred the site to Ecology for an NPDES permit. SPU re-inspected the in 2010 and problems were again found with outdoor storage and spill cleanup practices. The onsite catch basin (CB116) was resampled and concentrations of most contaminants were higher than in the 2008 sample (806 mg/kg copper, 1,540 mg/kg lead, 48 mg/kg mercury, 2,950 mg/kg zinc, 14,000 mg/kg TPH-oil, and 2,600 mg/kg TPH-diesel. In addition, PCBs which were previously undetected at 99 ug/kg dw, were found at 902 ug/kg dw. SPU again required the owner to make improvements; however, the business has recently closed. All materials have been removed from the site, but this property is likely contaminated from previous activities and continuing to discharge contaminants to the City storm drain system.

10. CHEMITHON (PRIVATE SD)

SPU conducted a joint inspection with Ecology at Chemithon located at 5430 W Marginal Wy SW in April 2006. Chemithon manufactures industrial equipment. The company noted that all stormwater and process water at the site was discharged to the sanitary sewer and that the outfall to the waterway had been plugged in the 1970s. A sample collected from an onsite catch basin (CB90) contained elevated levels of copper (1,820 mg/kg), zinc (2,550 mg/kg) and PCBs (2,500 ug/kg dw). SPU notified King County Industrial Waste about the stormwater discharges to the sanitary sewer system and continued sampling on the Chemithon and adjacent LaFarge property to determine where the contaminants were coming from. Results from SPU source tracing efforts are provided in Table D-7. Sample locations are shown on Map D-8.

A large block of old paint debris (approximately 40 lbs) found sitting next to a catch basin that had recently been cleaned contained 7,000 ug/kg dw PCBs and 1,760 mg/kg lead. Other samples from the onsite drainage system contained 1,040 – 1,660 ug/kg dw PCBs; lower levels of PCBs (421 – 810 ug/kg dw) were found in the storm drains on the LaFarge property. The paint appeared to be the source of PCBs in the Chemithon drainage system and they were required to jet and clean the entire onsite drainage system. Chemithon jetted and cleaned the onsite drainage system in October 2006. However, the contractor decanted the liquid material back to the onsite drainage system. SPU inspectors also found a number of catch basins that were not cleaned, so Chemithon jetted and cleaned their system again in late 2007.

Elevated levels of copper found in the Chemithon drainage system were traced to soil and spent sandblast grit piles (860 – 1,730 mg/kg) used in LaFarge's cement manufacturing process that was stored along the fence line between the two properties. LaFarge moved the piles away from the fence to keep this material out of the Chemithon drainage system.

King County required Chemithon to disconnect stormwater discharges from the combined sewer and redirect stormwater runoff back to the Duwamish. Chemithon has been discharging stormwater to the Duwamish since October 2007. Discharges are covered by an NPDES industrial general stormwater permit.

SPU resampled the vault at the downstream end of the Chemithon drainage system in 2012 and again found elevated levels of PCBs (2,200 ug/kg dw) and copper (464 mg/kg).

11. WESTERN WATERPROOFING (DIAGONAL AVE S CSO/SD)

In 2014, SPU re-inspected Western Waterproofing located at 4429 Airport Wy S and collected samples from private onsite catch basins and dirt on paved surfaces in the yard area as part of a source tracing effort in the S Snoqualmie St sub-basin of the Diagonal Ave S CSO/SD basin that was conducted to identify sources of mercury and PCBs that were found in MH18 (see Map D-9). Sampling locations are shown on Map D-9 and results are summarized below:

Station ID	Description	Date	Total PCBs (ug/kg dw)
MH18	Maintenance hole on City MS4 at S	5/18/13 6,	560
	Snoqualmie St and 6 th Ave S	7/6/12 45,	900
CB2	Catch basin at northwest corner of the Western Waterproofing property	970	
CB250	Catch basin on property immediately south of Western Waterproofing	770	
CB251	Yard drain near driveway entrance	4/16/14	145,000
5/14/		14	16,100
CB260	Surface dirt adjacent to CB251	5/14/14	28,900 J
CB261	Surface dirt at base of loading ramp on	5/14/14 39,	000
	Western Waterproofing property		
RCB251	Catch basin in parking lot south of the	5/14/14 500	
	Western Waterproofing property		

During the inspection, the property owner noted that the site had undergone an independent cleanup several years ago to remove PCB contamination. Given the high levels of PCBs found onsite, SPU required Western Waterproofing to sweep the yard area and jet/clean the onsite drainage system, as well as the City-owned lines between the property and MH18 where the PCBs were originally found. Work was completed in September 2014.

12. SUN FOOD TRADING COMPANY

In 2014, SPU inspected Sun Food Trading Company located at 4715 6th Ave S and collected samples from private onsite catch basins and paint chips found in catch basins and on paved areas at the site. Work was conducted as part of a source tracing effort in the S Snoqualmie St sub-basin of the Diagonal Ave S CSO/SD basin that was conducted to identify sources of mercury and PCBs that were found in MH18 (see Map D-10).

Station ID	Description	Date	Total PCBs (ug/kg dw)
CB240	Catch basin on north end of property	4/4/14	270
CB241	Catch basin at southwest corner of building	4/4/14 10,	000
CB242	Catch basin adjacent to transformer pad	4/4/14	6,200
CB246	Catch basin west of transformer pad	5/7/14	32,000
SunFoodP	Paint chip sample	4/4/14	45,000
CB247	Pump sump southeast of transformer pad	5/7/14 14,	000
CB248	Catch basin southwest of transformer pad	5/7/14 2,	900
RCB294	Inline catch basin on 6 th Ave S	5/7/14	94

Although elevated levels of PCBs were found in the onsite drainage system, the sample collected from RCB294 indicated that PCBs had not entered the City MS4. SPU required the property owner to sweep the pavement to remove paint chips and other debris, as well as jet/clean the private onsite drainage system. Work was completed in August 2014.

Appendix D Maps

Map D-1: Terminal 117

Map D-2: Rainier Commons

Map D-3: Seattle Iron and Metals Corporation

Map D-4: Seattle Iron and Metals Corporation north yard area.

Map D-5: Marine Lumber

Map D-6: Former Sternoff site

Map D-7: Independent Metals

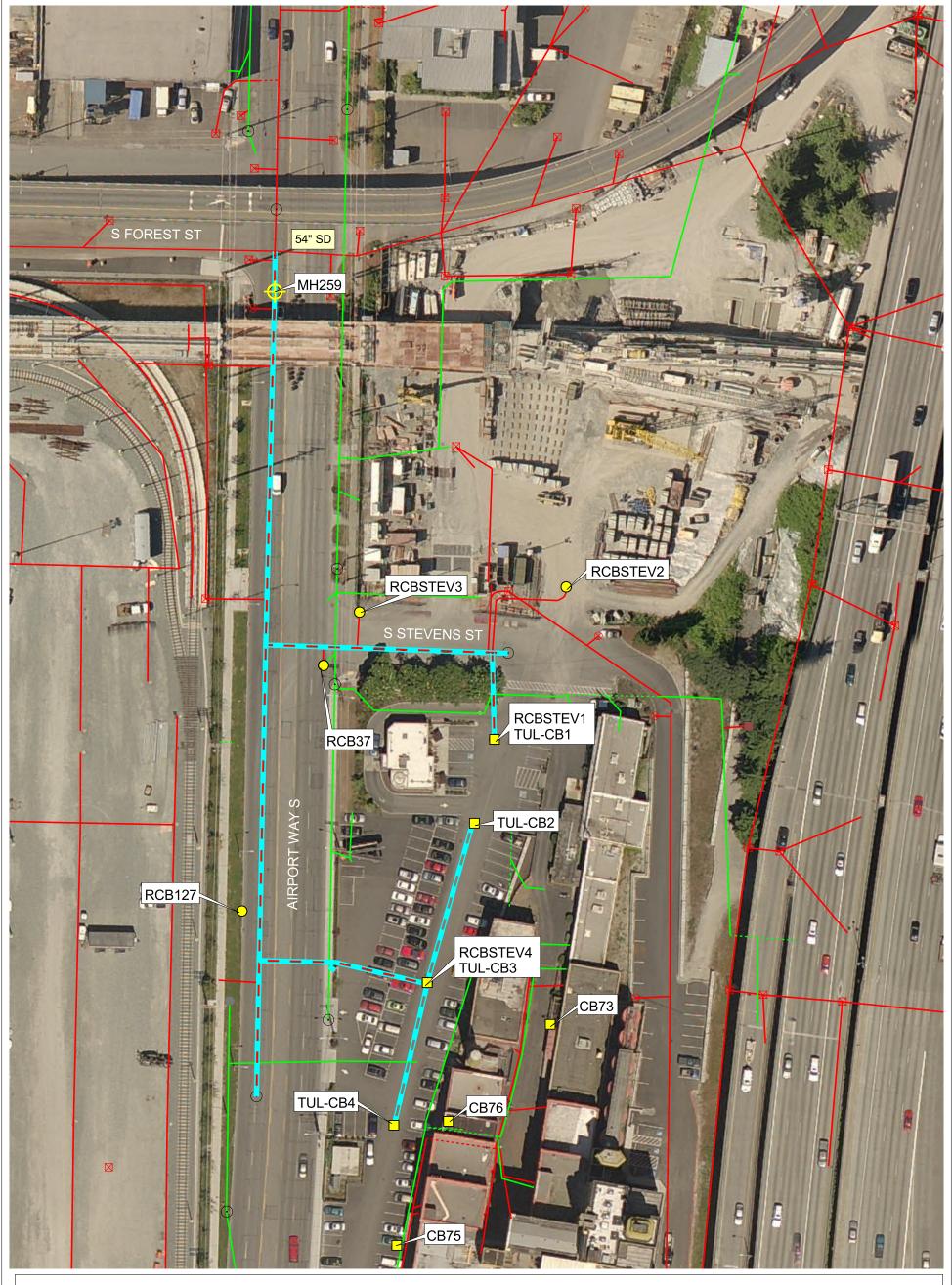
Map D-8: Chemithon

Map D-9: Western Waterproofing

Map D-10:Sun Food Trading Company



Map D-1







Storm drain

Sanitary sewer Combined sewer

KC Interceptor

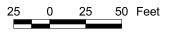
Private onsite catch basin

Right-of-way catch basin \circ

Inline grab

Pipe cleaned (2008, 2012)





Map D-2 **Rainier Commons area** sampling locations and lines that have been cleaned

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Sample locations in vicinity of Seattle Iron and Metals Corporation

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Utilities Storm drain Sanitary sewer Combined sewer

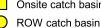
King County intercepter

Structures

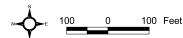
• Maintenance hole Catch basin \boxtimes

Sample locations

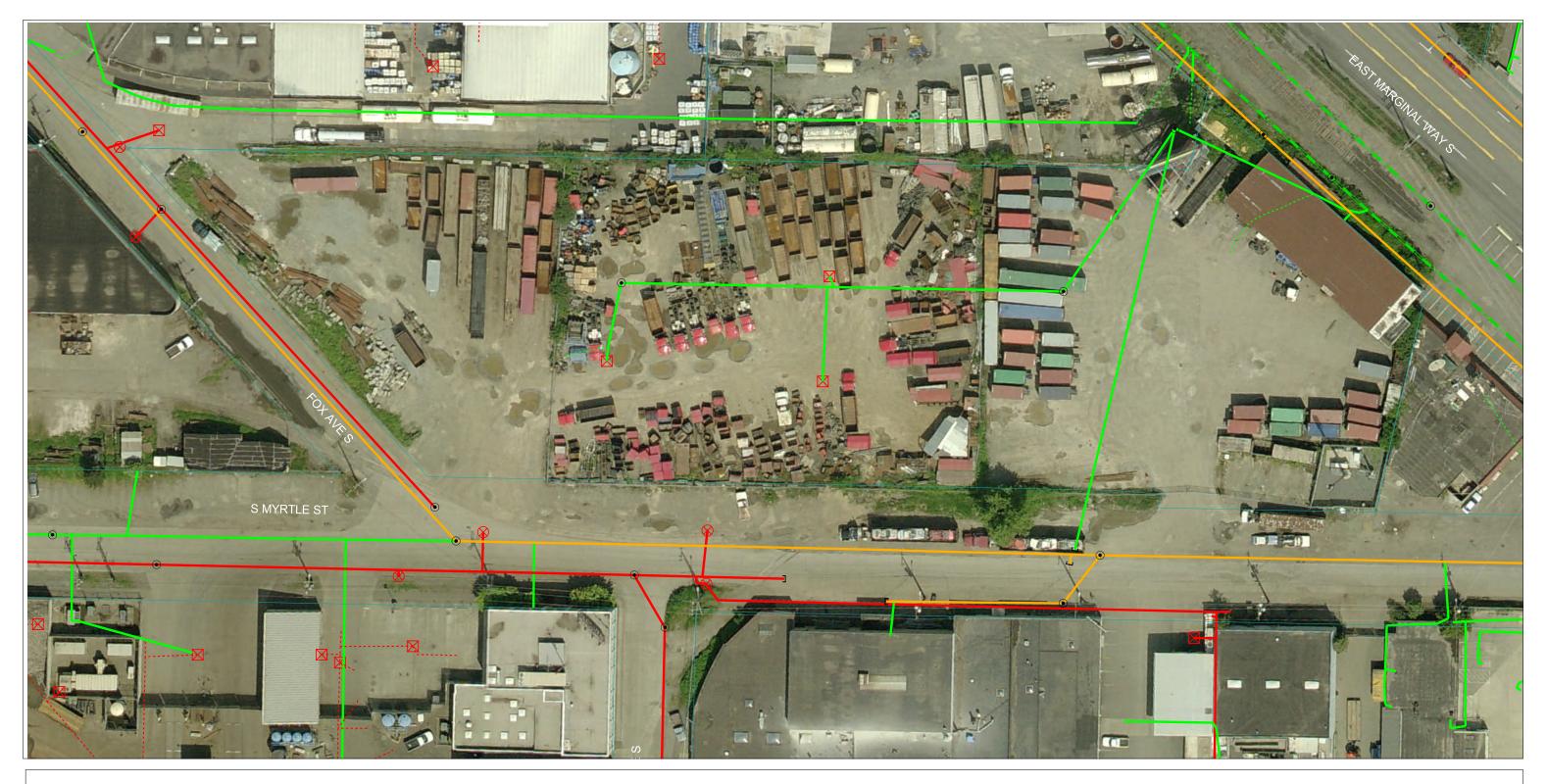
Onsite catch basin







Inline grab





Storm drain

Sanitary sewer

Combined sewer

King County intercepter

- ⊗ Catch basin Lg. Inlet
- Inlet (Street Drain)
- Sand box
- Maintenance hole





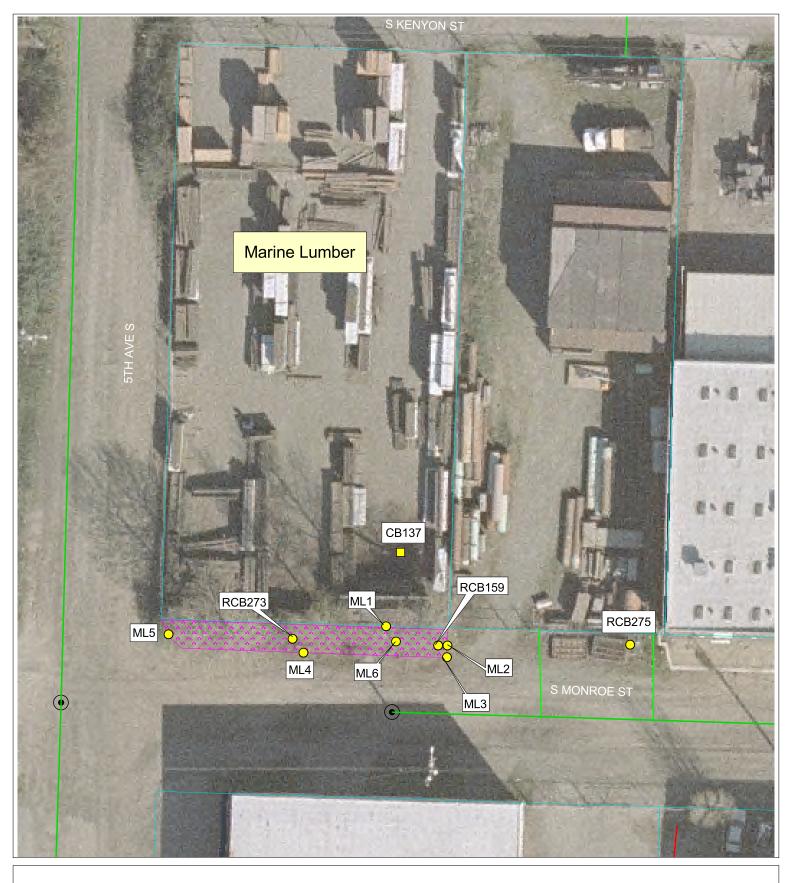
Map D-4 Seattle Iron and Metals Corporation North yard site

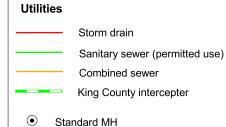
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SIMC_northyard.apr





Sample locations

Street / surface dirt

Area excavated (2012)



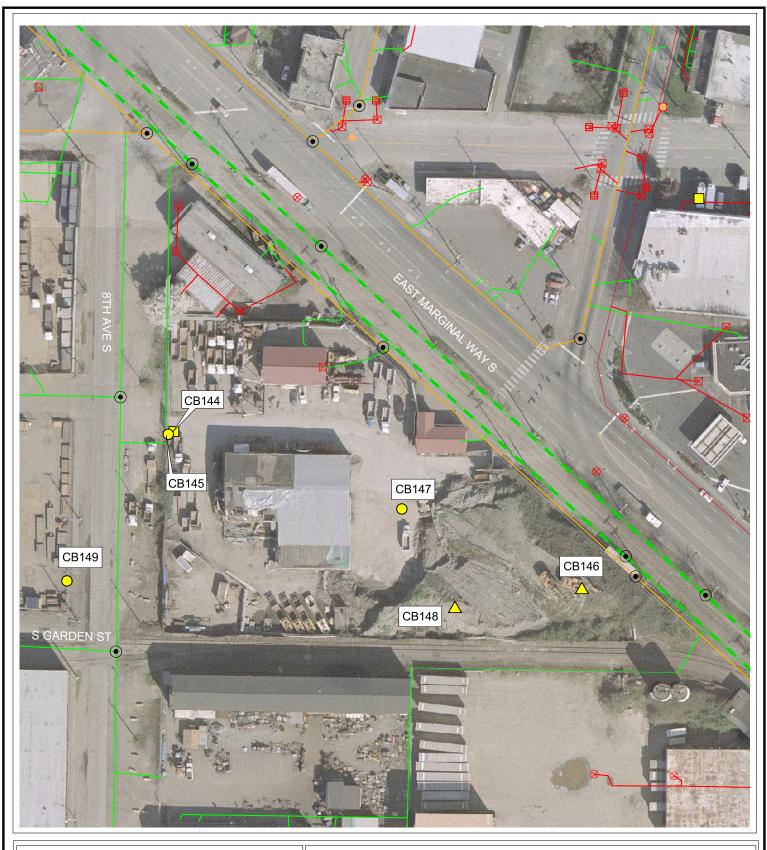
Map D-5 Marine Lumber Sample Locations

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marine lumber samples.apr





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Sternoff.apr

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Utilities

Storm drain
Sanitary sewer

Combined sewer

King County intercepter

Structures

Maintenance holeCatch basin

Sample locations

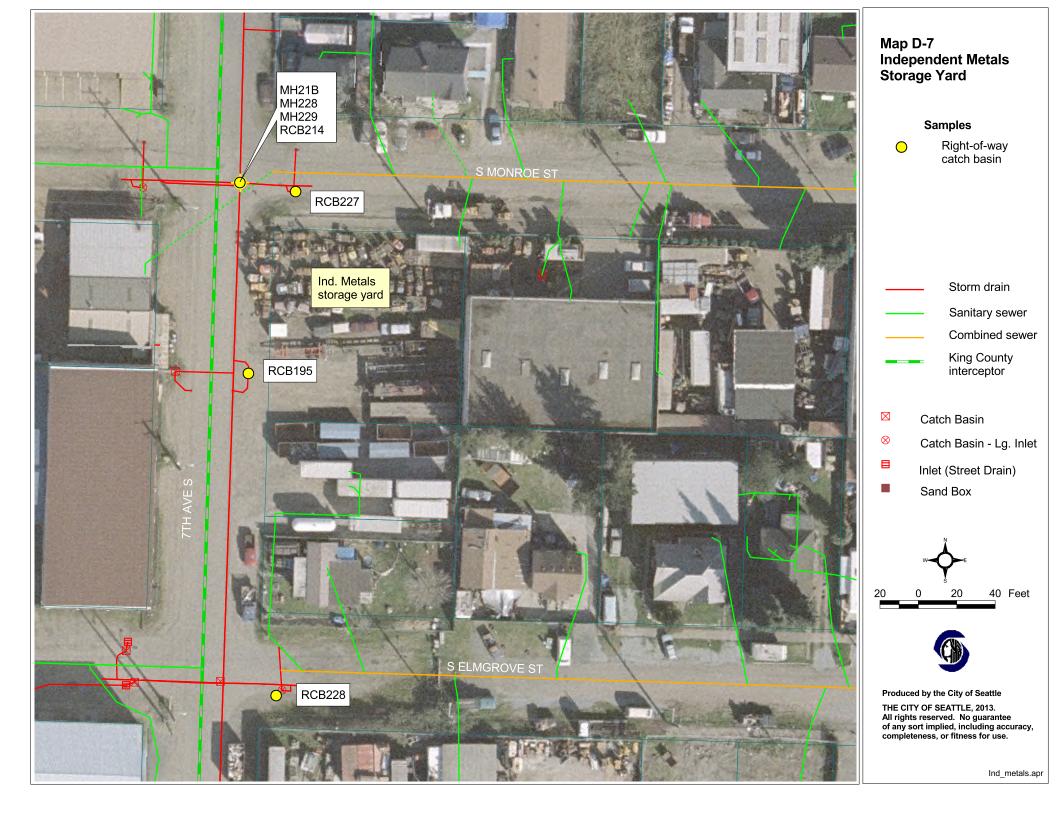
Onsite catch basin

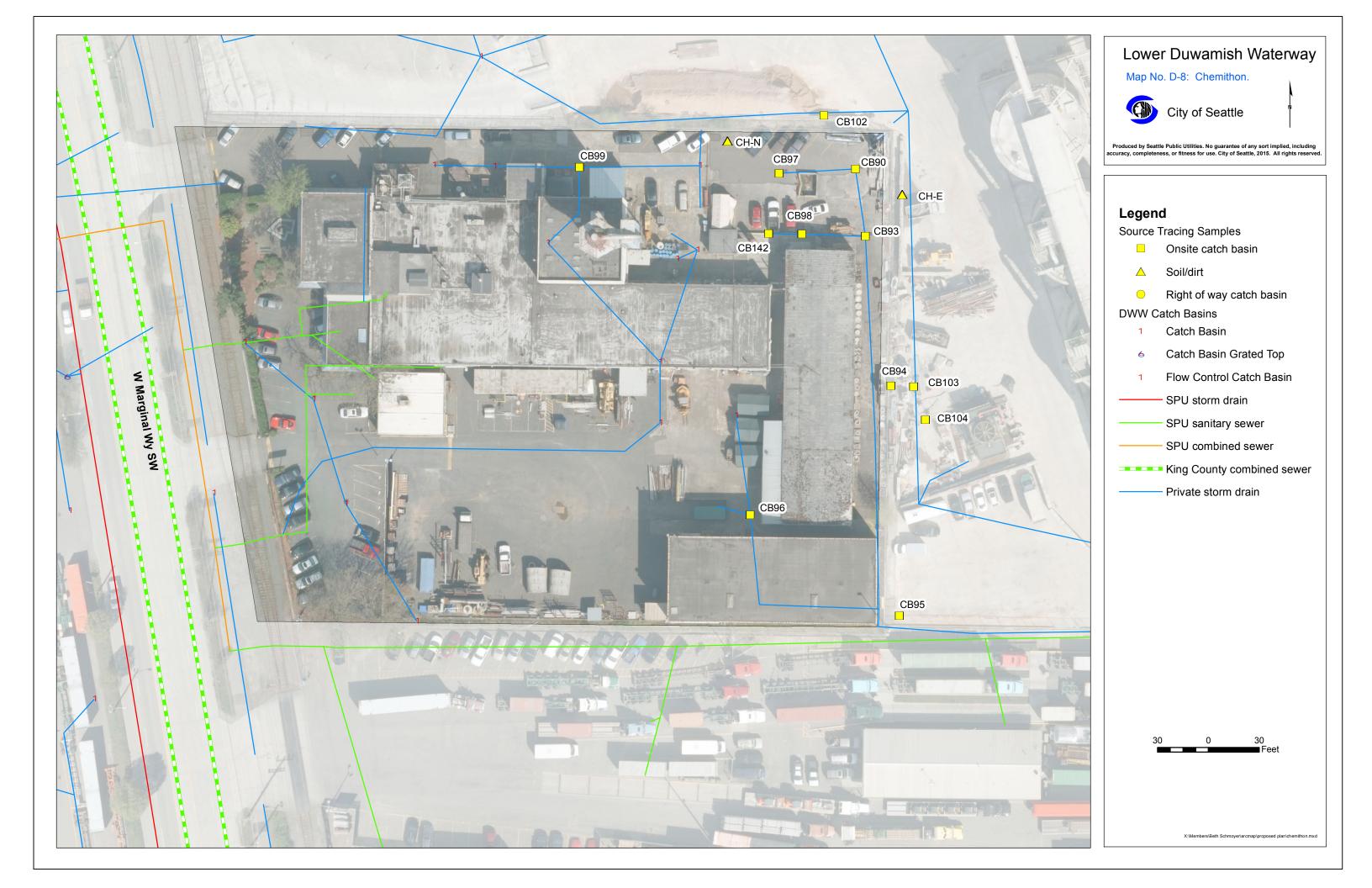
Street/surface dirt

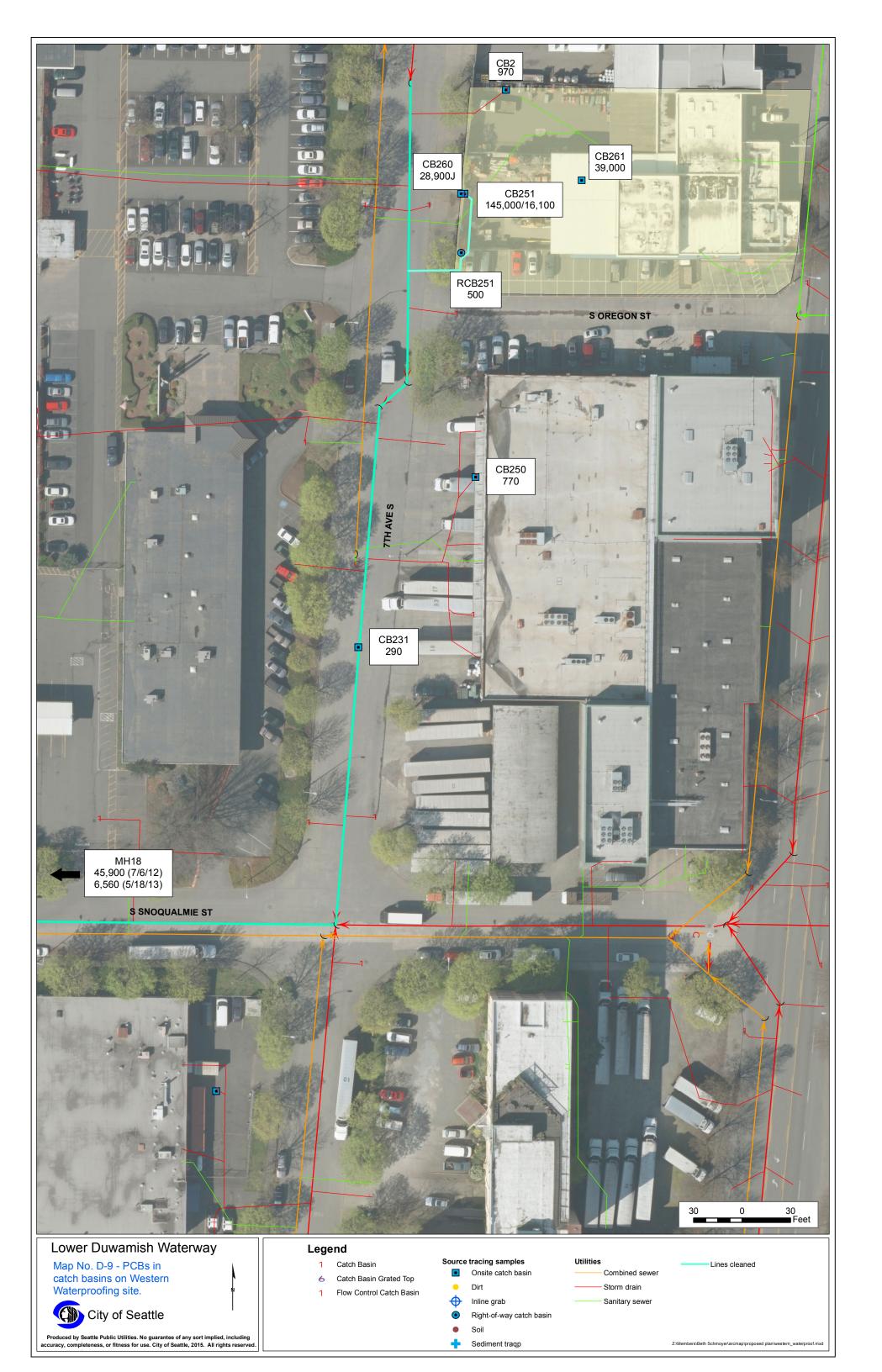




50 0 50 Feet









Appendix D Tables

Table D-1A: Terminal 117, Dallas tanks stormwater data Table D-1B: Terminal, 117, storm drain solids data

Table D-2: Rainier Commons source tracing data

Table D-3: Seattle Iron and Metals Corporation source tracing data

Table D-4: Marine Lumber source tracing data
Table D-5: Former Sternoff site source tracing data

Table D-6: Independent Metals Plant 1 source tracing data.

Table D-7: Chemithon source tracing data.

Table D-1a: Dallas stormwater PCB data post interim cleanup.

Stormwater stored in (9) 10,000 gallon tanks at S Donovan St and 17th Ave S and discharged to combined sewer system on S Donovan St. Discharge to Duwamish Waterway occurs only during large or long duration storms when tank capacity is exceeded.

Date	Leastion				PCB Aroclors	/ug/l \				To River?
Date	Location	1016	_1221	_1232	1242	1248	_1254	_1260	т РСВ	10 Kivei ?
		<u> </u>			_				-	
05/28/15	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
04/22/15 03/16/15	Sewer MH Sewer MH	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	N N
02/10/15	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
01/28/15	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
12/16/14	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
11/26/14	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
10/20/14 06/20/14	Sewer MH Sewer MH	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	N N
04/29/14	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.010	0.01 0	N N
03/18/14	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 J	0.01 J	N
02/19/14	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.044	0.044	N
01/24/14	Sewer MH	0.01 U	0.01 U	0.02 Y	0.01 U	0.01 U	0.01 U	0.01 U	0.02 Y	N
11/26/13	Sewer MH	0.01 U	0.01 U	0.01 Y	0.01 U	0.01 U	0.012 Y	0.033	0.033	N N
10/01/13 09/10/13	Sewer MH Sewer MH	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.016 0.01 U	0.016 0.01 U	N N
07/18/13	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.014	0.014	N
06/21/13	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
05/29/13	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
04/24/13	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
03/15/13	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U	0.011	0.011	N N
02/26/13 01/31/13	Sewer MH Sewer MH	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U	0.01 U	0.01 U 0.01 U	0.024 0.014	0.024 0.014	N N
12/06/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
11/20/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
10/25/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
08/20/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
07/17/12 06/11/12	Sewer MH Sewer MH	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	N N
05/29/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N N
04/30/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.015	0.015	N
03/14/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
02/23/12	Sewer MH	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	0.011 U	N
01/11/12	Sewer MH	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N N
12/29/11 11/21/11	Sewer MH Sewer MH	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.01 U 0.01 U	0.011 0.01 U	0.011 0.01 U	N N
10/03/11	Sewer MH	0.051 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	N
06/16/11	Sewer MH	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	N
05/09/11	Sewer MH	0.213 U	0.213 U	0.213 U	0.213 U	0.213 U	0.213 U	0.213 U	0.213 U	N
04/18/11	Sewer MH	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	N
02/28/11	Sewer MH	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	N N
01/10/11	Sewer MH Sewer MH	0.048 U 0.05 U	0.048 U 0.05 U	0.048 U 0.05 U	0.048 U 0.05 U	0.048 U 0.05 U	0.048 U 0.05 U	0.048 U 0.05 U	0.048 U 0.05 U	N N
12/13/10	Sewer MH	0.047 U	0.03 U	0.03 U	0.03 U	0.03 U	0.03 U	0.047 U	0.03 U	N
10/25/10	Sewer MH	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	N
09/21/10	Sewer MH	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	N
08/09/10	Sewer MH	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	N
06/03/10 05/20/10	Sewer MH Sewer MH	0.05 U 0.047 U	0.05 U 0.047 U	0.05 U 0.047 U	0.05 U 0.047 U	0.05 U 0.047 U	0.05 U 0.047 U	0.05 U 0.047 U	0.05 U 0.047 U	N N
04/23/10	Sewer MH	0.047 U 0.049 U	0.047 U 0.049 U	0.047 U	0.047 U 0.049 U	0.047 U 0.049 U	0.047 U 0.049 U	0.047 0	0.047 0	N N
03/16/10	Sewer MH	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	0.049 U	N
02/18/10	Sewer MH	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	N
01/13/10	Sewer MH	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	0.048 U	N
12/23/09	Sewer MH	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	0.05 U	N
11/19/09 10/19/09	Sewer MH Discharge to Port CB	0.12 U 0.1 U	0.12 U 0.1 U	0.12 U 0.1 U	0.12 U 0.1 U	0.12 U 0.1 U	0.12 U 0.1 U	0.12 U 0.1 U	0.12 U 0.1 U	N Y
05/01/09	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N I
03/03/09	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N
01/08/09	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N
Dec-08	No sample									Y
11/13/08	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N N
09/11/08 06/02/08	Sewer MH Sewer MH	0.1 U 0.1 U	0.1 U 0.1 U	0.1 U 0.1 U	0.1 U 0.1 U	0.1 U 0.1 U	0.1 U 0.1 U	0.1 U 0.1 U	0.1 U 0.1 U	N N
04/02/08	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N N
02/14/08	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N
01/09/08	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.12	0.12	Υ
12/03/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	Y

Table D-1a: Dallas stormwater PCB data post interim cleanup.

Stormwater stored in (9) 10,000 gallon tanks at S Donovan St and 17th Ave S and discharged to combined sewer system on S Donovan St. Discharge to Duwamish Waterway occurs only during large or long duration storms when tank capacity is exceeded.

Date	Location	PCB Aroclors (ug/L)										
		_1016	_1221	_1232	_1242	_1248	_1254	_1260	T_PCB	To River?		
11/12/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
10/04/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
07/20/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
05/24/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
04/30/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
02/20/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
01/03/07	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	Υ		
Dec-06	No sample									Υ		
11/02/06	Sewer MH	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	Υ		
09/19/06	Tanks 2 and 3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
06/01/06	Tank 1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
05/17/06	Tank 3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
04/12/06	Tank 1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
03/27/06	Tank 3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
03/01/06	Tank 1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
01/06/06	Discharge to Port CB	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	Υ		
12/21/05	Tank 1	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	Υ		
11/14/05	Tank	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	Υ		
10/25/05	Tank 5	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
09/12/05	Tank 3	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
06/23/05	Tank effluent	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
05/20/05	Tank effluent	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
04/19/05	Tank effluent	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
03/27/05	Tank effluent	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
02/06/05	Prior to treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
02/04/05	Prior to treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
02/04/05	After treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
02/04/05	Basin Oil runoff	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
01/24/05	Prior to treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.167	0.167	N		
01/22/05	Prior to treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.152	0.152	N		
01/22/05	Basin Oil runoff	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
01/20/05	After treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
01/19/05	After treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		
01/17/05	Prior to treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.142	0.142	N		
01/17/05	Basin Oil runoff	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.383	0.383	N		
01/10/05	Prior to treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	2.34	2.34	N		
12/20/05	After treatment	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U	N		

No entries = no discharge that month Construction start: June 2015

Table D-1B: Results from source tracing samples collected from the streets adjacent to Terminal 117.

					Temporary St	orm Drain Syst	em							Co	mbined Sewer S	System		
Sample ID	SQS/ CSL/ LAET 2LAET		CB2-DAL ^c	CB2-DAL	CB3-DAL ^c	RCB101 ^e	CB4-DAL	SW1/Tanks	SW1/Tanks	SW1/Tanks ^f	SD10	SD11	SD12	SD14	SD14	SD16	SD17	SD18
Lab Ref	LALI ZLALI	HW34	HW34	QN25	HW34	KR27	QN25	MK15	QN25	UO86	HD09	HD09	HD09	HD09	QN25	HD09	HD09	HD09
Туре		СВ	СВ	СВ	СВ	СВ	СВ	Tank	Tank	Tank	Inlet	Dirt	Dirt	Inlet	Inlet	СВ	СВ	СВ
Date		03/22/05	03/22/05	03/10/10	03/22/05	03/14/07	03/10/10	02/25/08	03/10/10	04/02/12	09/23/04	09/23/04	09/23/04	09/23/04	03/10/10	09/23/04	09/23/04	09/23/04
Total solids (%)		64.7	39.2	42.3	38.3	63.7	61.3	54	45	20.3	68.2	58.7	78.6	53.1	55.6	73.8	80.4	63.8
TOC (%) Metals (mg/kg DW)		NA	NA	10.9	NA	13.40	10.2	NA	9.15	9.76	5.80	6.48	4.08	9.41	4.1	4.35	2.59	2.88
Arsenic	57 93	NA NA	NA	10 U	NA	7 U	8	20	30 U	13.1	NA	NA	NA	NA	8 U	NA	NA	NA
Copper	390 390		NA	147	NA	50.6	143	472	284	357	NA	NA	NA	NA	112	NA	NA	NA
Lead	450 530		NA NA	237 J	NA NA	22	67 J	450	250 J	110	NA	NA NA	NA NA	NA NA	111 J	NA NA	NA NA	NA NA
Mercury Zinc	0.41 0.59 410 960		NA NA	0.08 571	NA NA	0.05 U 237	0.04 588	0.08 U 1,890	0.33 1,040	0.12 580	NA NA	NA NA	NA NA	NA NA	0.24 602	NA NA	NA NA	NA NA
Total petroleum hydrocar			IVA	371	INA	231	300	1,090	1,040	300	IVA	IVA	IVA	IVA	002	IVA	INA	INA
TPH -diesel	2,000 2,000	NA NA	NA	530	NA	730 U		NA	900	380	NA	NA	NA	NA	580	NA	NA	NA
TPH-oil	2,000 2,000	NA NA	NA	2,300	NA	4,100	550	NA	3,500	1,400	NA	NA	NA	NA	2,700	NA	NA	NA
LPAH (ug/kg DW) Acenaphthene	500 500	NA NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
Acenaphthylene	1,300 1,300		NA	460 U	NA	220 U		56 U			NA	NA	NA	NA	330 U	NA	NA	NA
Anthracene	960 960		NA	260 J	NA	220 U		56 U		160 U	NA	NA	NA	NA	380	NA	NA	NA
Fluorene	540 540		NA NA	360 J	NA NA	220 U		56 U		160 U	NA	NA NA	NA NA	NA NA	450	NA NA	NA NA	NA NA
Naphthalene Phenanthrene	2,100 2,100 1,500 1,500		NA NA	550 2,100	NA NA	220 U 180 J	41 U 110	56 U 120	240 U 750	160 U 210	NA NA	NA NA	NA NA	NA NA	630 1,900	NA NA	NA NA	NA NA
Total LPAH	5,200 5,200		NA NA	3,270 J	NA NA	180 J	110	120	1,100 J	210	107	101	101	107	3,360	1471	101	101
HPAH (ug/kg DW)									·									
Benzo(a)anthracene	1,300 1,600		NA NA	540	NA NA	220 U		63	330	110 J	NA	NA NA	NA NA	NA NA	620	NA_	NA	NA NA
Benzo(a)pyrene Benzo(g,h,i)perylene	1,600 1,600 670 720		NA NA	710 390 J	NA NA	220 U 220 U		110 69	740 400	160 J 240	NA NA	NA NA	NA NA	NA NA	650 370	NA NA	NA NA	NA NA
Benzofluoranthenes, total	3,200 3,600		IVA	1,520	NA NA	220 U		340	1,500	400	INA	INA	INA	INA	370	INA	INA	IVA
Chrysene	1,400 2,800		NA	1,400	NA	310	260	210	1,200	320	NA	NA	NA	NA	1,100	NA	NA	NA
Dibenzo(a,h)anthracene	230 230		NA NA	460 U	NA NA	220 U		56 U		160 U	NA	NA NA	NA NA	NA	330 U	NA NA	NA	NA NA
Fluoranthene Indeno(1,2,3-c,d)pyrene	1,700 2,500 600 690		NA NA	1,800 460 U	NA NA	470 220 U	190 J 48	270 56 U	1,400 210 J	380 140 J	NA NA	NA NA	NA NA	NA NA	1,900 230 J	NA NA	NA NA	NA NA
Pyrene	2,600 3,300		NA NA	1,700	NA NA	380	210 J	210	1,700	390	NA NA	NA NA	NA NA	NA NA	1,900	NA NA	NA NA	NA NA
Total HPAH	12,000 17,000		NA	8,060 J	NA	1,160	1,226 J	1,272	7,480 J	2,140 J	NA	NA	NA	NA	6,770 J	NA	NA	NA
Phthalates (ug/kg DW)																		
Bis(2-ethylhexyl)phthalate Butylbenzylphthalate	1,300 1,900 63 900		NA NA	21,000 580	NA NA	2,500 920	1,600 J 260	6,200 400	18,000 240 U	8,200 310	NA NA	NA NA	NA NA	NA NA	24,000 1,600	NA NA	NA NA	NA NA
Diethylphthalate	200 NA		NA NA	630	NA NA	220 U	41 U	56 U	240 U		NA NA	NA NA	NA NA	NA NA	330 U	NA NA	NA NA	NA NA
Dimethylphthalate	71 160		NA	460 U	NA	220 U	80	75	240 U		NA	NA	NA	NA	330 U	NA	NA	NA
Di-n-butylphthalate	1,400 1,400		NA	460 U	NA	220 U		56 U			NA	NA	NA	NA	350	NA	NA	NA
Di-n-octyl phthalate PCBs (ug/kg DW)	6,200 NA	. NA	NA	460 U	NA	120 J	41 U	80	240 U	340	NA	NA	NA	NA	330 U	NA	NA	NA
1016		770 U	1,000 U	47 U	520 U	98 U	39 U	38 U	40 U	98 U	20 U	87 U	85 U	93 U	38 U	67 U	24 U	30
1221		770 U		47 U	520 U			38 U			20 U					67 U		30
1232		770 U			520 U			38 U			20 U					67 U		30
1242 1248		770 U 770 U			520 U	98 U 98 U		38 U 38 U			20 U 20 U		85 U 85 U			67 U 67 U		30 30
1254		6,600 Y									20 U		85 U					30
1260		23,000	14,000	280	3,900	310	420	350	340	360 J	28	580	460	170	160	360	340	360
Total PCBs	130 1,000		14,000	420 NJ	3,900	310	560 NJ	350	620 N	J 520 J	28	580	460	170	280 NJ	360	340	360
Other organic compounds 1,2,4-Trichlorobenzene	s (ug/kg ⊅w) 31 51	NA NA	NA NA	460 U	NA	220 U	41 U	280 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
1,2-Dichlorobenzene	35 50		NA NA	460 U	NA NA	220 U		56 U			NA NA	NA NA	NA NA	NA NA	330 U	NA NA	NA NA	NA NA
1,3-Dichlorobenzene		NA	NA	460 U	NA	220 U		56 U	240 U		NA	NA	NA	NA	330 U	NA	NA	NA
1,4-Dichlorobenzene	110 110	NA NA	NA	460 U	NA	220 U	41 U	56 U	240 U		NA	NA	NA	NA	330 U	NA	NA	NA
1-Methylnaphthalene 2,2'-Oxybis(1-chloropropane	<u>a)</u>	NA	NA	460 UJ	NA	220 U	41 UJ	56 U	240 U.	160 U J 160 U	NA	NA	NA	NA	330 UJ	NA	NA	NA
2,4,5-Trichlorophenol	~,	NA NA	NA NA	2,300 U	NA NA	1,100 U		280 U			NA NA	NA NA	NA NA	NA NA	1,600 U	NA NA	NA NA	NA NA
2,4,6-Trichlorophenol		NA	NA	2,300 U	NA	1,100 U		280 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
2,4-Dichlorophenol		NA	NA	2,300 U	NA	1,100 U		56 U			NA	NA	NA	NA	1,600 U	NA	NA	NA
2.4-Dimethylphenol ^a 2,4-Dinitrophenol	29 29	NA NA	NA NA	460 U 4,600 U	NA NA	220 U 2,200 U		56 U 560 U			NA NA	NA NA	NA NA	NA NA	330 U 3,300 U	NA NA	NA NA	NA NA
2,4-Dinitrophenol		NA NA	NA NA	2,300 U	NA NA	1,100 U		280 U			NA NA	NA NA	NA NA	NA NA	1,600 U	NA NA	NA NA	NA NA
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Table D-1B: Results from source tracing samples collected from the streets adjacent to Terminal 117.

Sample ID LAET 2LAET CB1-DAL CB2-DAL CB2-DAL CB2-DAL CB3-DAL			Temporary Storm Drain System											Combined Sewer System						
Lab Ref		SQS/	CSL/															•		
Type	Sample ID	LAET	2LAET	CB1-DAL ^c	CB2-DAL ^c	CB2-DAL	CB3-DAL ^c	RCB101 ^e	CB4-DAL	SW1/Tanks	SW1/Tanks	SW1/Tanks ^f	SD10	SD11	SD12	SD14	SD14	SD16	SD17	SD18
Date 03/22/05 03/22/05 03/10/10 03/22/05 03/10/10 03/22/05 03/10/10 03/22/05 03/10/10 02/25/08 03/10/10 04/02/12 09/23/04 09	Lab Ref			HW34	HW34	QN25	HW34	KR27	QN25	MK15	QN25	UO86	HD09	HD09	HD09	HD09	QN25	HD09	HD09	HD09
Date 03/22/05 03/22/05 03/10/10 03/22/05 03/10/10 03/22/05 03/10/10 02/25/08 03/10/10 04/02/12 09/23/04 09	Type			СВ	СВ	СВ	СВ	СВ	СВ	Tank	Tank	Tank	Inlet	Dirt	Dirt	Inlet	Inlet	СВ	СВ	СВ
2.6-Dinitotoluene NA NA 2.300 U NA 1,100 U 210 U 280 U 1,200 U 820 U NA NA NA NA NA 1,600 U NA NA 2.20 U 41 U 280 U 240 U 160 U NA NA NA NA NA NA 330 U NA NA NA 2.6-Dinitophenol NA	71																			
2-Chloropaphthalene NA NA 460 U NA 220 U 41 U 280 U 160 U NA NA NA NA NA NA 330 U NA NA 2-Chloropaphthalene 670 670 NA NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA NA 330 U NA NA 2-Methylnaphthalene 670 670 NA NA NA 480 U NA 220 U 41 U 56 U 240 U 160 U NA	Date			03/22/05	03/22/05	03/10/10	03/22/05	03/14/07	03/10/10	02/25/08	03/10/10	04/02/12	09/23/04	09/23/04	09/23/04	09/23/04	03/10/10	09/23/04	09/23/04	09/23/04
2-Chloropaphthalene NA NA 460 U NA 220 U 41 U 280 U 160 U NA NA NA NA NA 330 U NA NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA NA 330 U NA NA 240 J NA NA NA 240 J NA NA NA 240 J NA NA 240 J NA NA 240 J NA NA NA 240 J NA NA 240 J NA NA 240 J NA																				
2-Dictorophenel	2,6-Dinitrotoluene			NA	NA	2,300 U	NA	1,100 U	210 U	280 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
2-Methylnaphthalene 670 670 NA NA 490 NA 220 U 41 U 280 U 120 U 160 U NA NA NA NA 240 U NA NA 250 U 41 U 56 U 240 U 160 U NA NA NA NA NA NA 1,600 U NA NA 2. NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 820 U NA NA NA NA NA 1,600 U NA NA 2. NItrophenol NA NA NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 820 U NA NA NA NA NA NA 1,600 U NA NA 3.3-Dichoberzidine NA NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 1,200 U NA NA NA NA NA NA NA 1,600 U NA NA NA 3.3-Dichoberzidine NA NA NA 2,300 U NA 1,100 U 210 UR 280 U 1,200 U 1,200 U NA NA NA NA NA NA 1,600 U NA NA NA 3.3-Dichoberzidine NA NA NA 2,300 U NA 1,100 U 210 UR 280 U 1,200 U 1,200 U 1,200 U NA NA NA NA 1,600 U NA NA NA 4,6-Dibitro-2-methylphenol NA NA NA 4,6-Dibitro-2-methylphenol NA NA NA 460 U NA 2,200 U 410 U 560 U 2,400 U 1,600 U NA NA NA NA NA 3,300 U NA NA 4-Chloros-methylphenol NA NA NA 2,300 U NA 1,100 U 210 UR 56 U 1,200 U 820 U NA NA NA NA NA 3,300 U NA NA 4-Chloros-methylphenol NA NA NA 2,300 U NA 1,100 U 210 U 56 U 1,200 U 820 U NA NA NA NA NA 3,300 U NA NA 4-Chloros-methylphenol NA NA NA 2,300 U NA 1,100 U 210 U 56 U 1,200 U 820 U NA NA NA NA NA NA 1,600 U NA NA 4-Chloros-methylphenol NA NA NA NA 2,300 U NA 1,100 U 210 U 56 U 1,200 U 820 U NA NA NA NA NA NA 1,600 U NA NA 4-Chloros-methylphenol NA	2-Chloronaphthalene			NA	NA	460 U	NA	220 U	41 U	280 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
2-Methylohenol* 63 63 NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA NA 330 U NA NA 2:Nitroanliline NA NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 820 U NA	2-Chlorophenol			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
2-Nitroaniline NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 820 U NA NA NA 1,600 U NA NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 820 U NA NA NA NA NA 1,600 U NA NA NA NA 1,600 U NA	2-Methylnaphthalene	670	670	NA	NA	490	NA	220 U	41 U	280 U	120 J	160 U	NA	NA	NA	NA	240 J	NA	NA	NA
2-Nitrophenol NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U NA NA NA NA NA 1,600 U NA NA NA NA 1,600 U NA	2-Methylphenol ^a	63	63	NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
3,3-Dichlorobenzidine	2-Nitroaniline			NA	NA	2,300 UJ	NA	1,100 U	210 U	280 U	1,200 U	J 820 U	NA	NA	NA	NA	1,600 UJ	NA	NA	NA
3-Nitroaniline	2-Nitrophenol			NA	NA	2,300 U	NA	1,100 U	210 U	280 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
4,6-Dinitro-2-methylphenol NA NA 4,600 U NA 2,200 U 410 U 560 U 2,400 U 1,600 U NA	3,3'-Dichlorobenzidine			NA	NA	2,300 U	NA	1,100 U	210 UR	56 U	1,200 U	1,200 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
4-Bromophenyl-phenylether NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA	3-Nitroaniline			NA	NA	2,300 U	NA	1,100 U	210 UR	280 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
4-Chloro-3-methylphenol NA NA 2,300 U NA 1,100 U 210 U 56 U 1,200 U 820 U NA NA NA NA NA 1,600 U NA NA NA A A A A A A A A A A A A A A	4,6-Dinitro-2-methylphenol			NA	NA	4,600 U	NA	2,200 U	410 U	560 U	2,400 U	1,600 U	NA	NA	NA	NA	3,300 U	NA	NA	NA
4-Chloroaniline NA NA 2,300 U NA 1,100 U 41 U 56 U 1,200 U 2,200 U NA NA NA NA 1,600 U NA NA NA A 460 U NA 220 U 210 UR 56 U 240 U 160 U NA	4-Bromophenyl-phenylether			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
4-Chlorophenyl-phenylether NA NA 460 U NA 220 U 210 UR 56 U 240 U 160 U NA NA NA NA NA NA 330 U NA NA A400 U NA S70 J NA S00 G30 G2 240 U 170 J NA	4-Chloro-3-methylphenol			NA	NA	2,300 U	NA	1,100 U	210 U	56 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
4-Methylphenol ^a 670 670 NA NA NA 2,300 U NA 1,100 U 210 UR 280 U 1,200 U 820 U NA NA NA NA NA NA 1,600 U NA	4-Chloroaniline			NA	NA	2,300 U	NA	1,100 U	41 U	56 U	1,200 U	2,200 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
4-Nitroaniline NA NA 2,300 U NA 1,100 U 210 UR 280 U 1,200 U 820 U NA NA NA NA NA NA 1,600 U NA	4-Chlorophenyl-phenylether			NA	NA	460 U	NA	220 U	210 UR	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
4-Nitroaniline NA NA 2,300 U NA 1,100 U 210 UR 280 U 1,200 U 820 U NA NA NA NA NA NA 1,600 U NA	4-Methylphenol ^a	670	670	NA	NA	370 J	NA	690	630	62	240 U	170 J	NA	NA	NA	NA	300 J	NA	NA	NA
Benzoic acid ^a 650 650 NA NA 4,600 U NA 2,200 U 270 J 56 U 2,400 U 3,300 U NA NA<				NA	NA	2,300 U	NA	1,100 U	210 UR	280 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
Benzyl alcohol ^a 57 73 NA NA 480 56 56 U 240 U 1,300 NA NA <th< td=""><td>4-Nitrophenol</td><td></td><td></td><td>NA</td><td>NA</td><td>2,300 U</td><td>NA</td><td>1,100 U</td><td>210 U</td><td>280 U</td><td>1,200 U</td><td>820 U</td><td>NA</td><td>NA</td><td>NA</td><td>NA</td><td>1,600 U</td><td>NA</td><td>NA</td><td>NA</td></th<>	4-Nitrophenol			NA	NA	2,300 U	NA	1,100 U	210 U	280 U	1,200 U	820 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
Benzyl alcohol ^a 57 73 NA NA 400 J NA 480 56 56 U 240 U 1,300 U NA	Benzoic acid ^a	650	650	NA	NA	4,600 U	NA	2,200 U	270 J	56 U	2,400 U	3,300 U	NA	NA	NA	NA	3,300 U	NA	NA	NA
bis(2-Chloroethoxy) methane NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA 330 U NA NA Bis-(2-chloroethyl) ether NA	Benzvl alcohola	57	73	NA	NA	400 J	NA	480	56	56 U	240 U	1,300	NA	NA	NA	NA	330 U	NA	NA	NA
		Э		NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
	Bis-(2-chloroethyl) ether			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
Carbazole NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA 280 J NA NA	Carbazole			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	280 J	NA	NA	NA
Dibenzofuran 540 540 NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA 240 J NA NA	Dibenzofuran	540	540	NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	240 J	NA	NA	NA
Hexachlorobenzene 22 70 NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA 220 J NA NA	Hexachlorobenzene	22	70	NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	220 J	NA	NA	NA
Hexachlorobutadiene 11 120 NA NA 460 U NA 220 U 41 U 280 U 240 U 820 U NA NA NA NA 330 U NA NA	Hexachlorobutadiene	11	120	NA	NA	460 U	NA	220 U	41 U	280 U	240 U	820 U	NA	NA	NA	NA	330 U	NA	NA	NA
Hexachlorocyclopentadiene NA NA 2,300 UJ NA 1,100 U 210 UJ 56 U 1,200 UJ 3,300 UJ NA NA NA NA 1,600 UJ NA NA	Hexachlorocyclopentadiene			NA	NA	2,300 UJ	NA	1,100 U	210 UJ	56 U	1,200 U	3,300 UJ	NA	NA	NA	NA	1,600 UJ	NA	NA	NA
Hexachloroethane NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA 330 U NA NA	Hexachloroethane			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
Isophorone NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA 330 U NA NA	Isophorone			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
Nitrobenzene NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA NA 330 U NA NA	Nitrobenzene			NA	NA	460 U	NA	220 U	41 U	56 U	240 U	160 U	NA	NA	NA	NA	330 U	NA	NA	NA
N-Nitroso-di-n-propylamine NA NA 2,300 U NA 1,100 U 210 U 280 U 1,200 U 160 U NA NA NA NA 1,600 U NA NA	N-Nitroso-di-n-propylamine			NA	NA	2,300 U	NA	1,100 U	210 U	280 U	1,200 U	160 U	NA	NA	NA	NA	1,600 U	NA	NA	NA
N-Nitrosodiphenylamine 28 40 NA NA 460 U NA 220 U 41 U 56 U 240 U 160 U NA NA NA NA 330 U NA NA	N-Nitrosodiphenylamine	28	40	NA	NA	460 U	NA	220 U	41 U	56 U		160 U	NA	NA	NA	NA	330 U	NA	NA	NA
Pentachlorophenol ^a 360 690 NA NA 2,300 UJ NA 1,100 U 210 UJ 280 U 1,200 UJ 1,600 UJ NA NA NA NA 1,600 UJ NA NA		360	690	NA	NA	2,300 UJ	NA	1,100 U	210 UJ	280 U	1,200 U	1,600 UJ	NA	NA	NA	NA	1,600 UJ	NA	NA	NA
Phenol ^a 420 1,200 NA NA 460 U NA 220 U 110 57 240 U 190 NA NA NA NA NA 330 U NA NA		420	1,200	NA	NA	460 U	NA	220 U	110		240 U	190	NA	NA	NA	NA	330 U	NA	NA	NA

a. SMS based on dry weight

f.

Conce Conce

Concentration exceeds the SQS/LAET/MTCA Concentration exceeds the CSL/2LAET

b. MTCA Method A soil cleanup level for unrestricted use.

c. Catch basins cleaned after sampling

d. Streets and catch basins pressure washed after sampling (December 2005).

e. Same as CB4-DAL

J = Concentration is less than the reporting limit.

U = Chemical not detected at concentration shown

UJ = Chemical was not detected at concentration shown and the concentration was an estimated value

Y = Chemical not detected at concentration shown. Reporting limit raised due to background interference.

NJ = Aroclor 1254 was detected and the reported concentration is biased high. Higher or equivalent level of Aroclor 1260 was present in this sample, which significantly affected the accuracy of the identification and quantititaion of Aroclor 1254 due to common congeners between Aroclor 1254 and Aroclor 1260.

Table D-1B: Results from source tracing samples collected from the streets adjacent to Terminal 117.

	SQS/	CSL/						Combined Sew	ver System				
Sample ID	LAET 2		SD22	SD30a	SD31	SD32	SD33	SD34	SD53	RCB181	RCB182	RCB183	RCB184
Lab Ref			HG76/77	IQ73	IQ73	IQ73	IQ73	IQ73	HV82	QN25	QN25	QN25	QN25
Туре			Dirt	Dirt	Dirt	Dirt	Dirt	Dirt	СВ	Inlet	СВ	Inlet	СВ
Date			10/27/04	10/19/05	10/19/05	10/19/05	10/19/05	10/19/05	03/16/05	03/10/10	03/10/10	03/10/10	03/10/10
Total solids (%)			96.6	64.5	65.6	68.7	81.2	85.1	34.5	61.9	23	43.1	46.9
TOC (%)			0.883	NA	NA	NA	NA	NA	NA	NA	12.3	7.5	7.09
Metals (mg/kg DW)													
Arsenic	57	93	NA	NA	NA	NA	NA	NA	NA	9	20 U	10	10
Copper	390	390	NA	NA	NA	NA	NA	NA	NA	105	116	85.5	103
Lead	450	530	NA NA	NA NA	NA NA	NA NA	NA	NA NA	NA NA	83 J	101 J	719 J	61 J
Mercury Zinc	0.41 410	0.59 960	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	0.04 278	0.1 U 813	0.87 592	0.08 430
			INA	INA	INA	INA	INA	INA	INA	210	013	592	430
Total petroleum hvdrocart TPH -diesel	2,000	2,000	NA	NA	NA	NA	NA	NA	NA	NA	860	1,000	530
TPH-oil	2,000	2,000	NA	NA	NA	NA	NA	NA	NA	NA	3,100	2,200	1,700
LPAH (ug/kg DW)													
Acenaphthene	500	500	NA	NA	NA	NA	NA	NA NA	NA	170 U	190 U	100 U	230 U
Acenaphthylene		1,300	NA NA	NA NA	NA NA	NA	NA NA	NA NA	NA NA	170 U	190 U	100 U	230 U
Anthracene Fluorene	960 540	960 540	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	170 U 170 U	160 J 210	100 U 100 U	230 U 140 J
Naphthalene		2,100	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	170 U	100 J	100 U	230 U
Phenanthrene		1,500	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	360	1,300	100 U	750
Total LPAH		5,200								360	1,770 J	100	890 J
HPAH (ug/kg DW)	,	,									,		
Benzo(a)anthracene		1,600	NA	NA	NA	NA	NA	NA	NA	300	340	100 U	390
Benzo(a)pyrene		1,600	NA	NA	NA	NA	NA	NA	NA	420	580	110	450
Benzo(g,h,i)perylene	670	720	NA	NA	NA	NA	NA	NA	NA	180	440	110	330
Benzofluoranthenes, total		3,600									4 500		
Chrysene Dibenzo(a,h)anthracene	1,400 : 230	2,800 230	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	600 170 U	1,500 58 J	280 100 U	870 230 U
Fluoranthene		2,500 2,500	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	850	1,700	280	920
Indeno(1,2,3-c,d)pyrene	600	690	NA NA	NA NA	NA NA	NA NA	NA NA	NA	NA	140 J	200	53 J	190 J
Pyrene		3,300	NA	NA	NA	NA	NA	NA	NA	780	2,500	560	1,200
Total HPAH		7,000	NA	NA	NA	NA	NA	NA	NA	3,270 J	7,318 J	1,393 J	4,350 J
Phthalates (ug/kg DW)													
Bis(2-ethylhexyl)phthalate		1,900	NA	NA	NA	NA	NA	NA	NA	5,200	27,000	7,300	12,000
Butylbenzylphthalate	63	900	NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA	430	190 U	100 U	73,000
Diethylphthalate	200 71	NA 160	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	170 U 170 U	650 1,200	200 100 U	230 U 230 U
Dimethylphthalate Di-n-butylphthalate		1,400	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	170 J	330	100 U	230 U
Di-n-octyl phthalate	6,200	NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	170 U	190 U	100 U	230 U
PCBs (ug/kg DW)	0,200												
1016		U	20 U	300 U	300 U	140 U	120 U	230 U	580 U	53 U	62 U	75 U	38 U
1221		U	20 U	300 U	300 U	140 U	120 U	230 U	580 U	53 U	62 U	75 U	38 U
1232		U	20 U	300 U	300 U	140 U	120 U	230 U	580 U	53 U	62 U	75 U	38 U
1242		U	20 U	300 U	300 U	140 U	120 U	230 U	580 U	53 U	62 U	75 U	38 U
1248 1254		U	20 U	300 U	300 U	140 U	120 U	230 U	580 U	53 U 140 NJ	93 Y 180 NJ	75 U 300 NJ	38 U 280 U
1260		U	20 U 28	300 U 2,400	300 U 2,300	140 U 290	120 U 260	230 U 2,900	2,400 3,900	530	310	1,000	340
Total PCBs	130	1,000	28	2,400	2,300	290	260	2,900	6,300	670 NJ			340
Other organic compounds				-,	,,,,,,,			_,,~~	,,,,,,	0.0		3,500	0.10
1,2,4-Trichlorobenzene	31	51	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
1,2-Dichlorobenzene	35	50	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
1,3-Dichlorobenzene			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
1,4-Dichlorobenzene	110	110	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
1-Methylnaphthalene	<u></u>		NΙΛ	NIA	NIA	NIA	NΙΛ	NIA	NIA	170 111	190 UJ	100 UJ	230 UJ
2,2'-Oxybis(1-chloropropane 2,4,5-Trichlorophenol	=)		NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	170 UJ 860 U	970 U	510 U	1,200 U
2,4,6-Trichlorophenol			NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	860 U	970 U	510 U	1,200 U
2,4-Dichlorophenol			NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	NA NA	860 U	970 U	510 U	1,200 U
2.4-Dimethylphenol ^a	29	29	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
2,4-Dinitrophenol			NA	NA	NA	NA	NA	NA	NA	1,700 U	1,900 U	1,000 U	2,300 U
2,4-Dinitrotoluene			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U

Table D-1B: Results from source tracing samples collected from the streets adjacent to Terminal 117.

								Combined Se	wer System				
Sample ID	SQS/ LAET	CSL/ 2LAET	SD22	SD30a	SD31	SD32	SD33	SD34	SD53	RCB181	RCB182	RCB183	RCB184
Lab Ref			HG76/77	IQ73	IQ73	IQ73	IQ73	IQ73	HV82	QN25	QN25	QN25	QN25
Туре			Dirt	Dirt	Dirt	Dirt	Dirt	Dirt	СВ	Inlet	СВ	Inlet	СВ
Date			10/27/04	10/19/05	10/19/05	10/19/05	10/19/05	10/19/05	03/16/05	03/10/10	03/10/10	03/10/10	03/10/10
2,6-Dinitrotoluene			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
2-Chloronaphthalene			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
2-Chlorophenol			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
2-Methylnaphthalene	670	670	NA	NA	NA	NA	NA	NA	NA	170 U	320	100 U	250
2-Methylphenol ^a	63	63	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
2-Nitroaniline			NA	NA	NA	NA	NA	NA	NA	860 UJ	970 UJ	510 UJ	1,200 U
2-Nitrophenol			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
3,3'-Dichlorobenzidine			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
3-Nitroaniline			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
4,6-Dinitro-2-methylphenol			NA	NA	NA	NA	NA	NA	NA	1,700 U	1,900 U	1,000 U	2,300 U
4-Bromophenyl-phenylether			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
4-Chloro-3-methylphenol			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
4-Chloroaniline			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
4-Chlorophenyl-phenylether			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
4-Methylphenol ^a	670	670	NA	NA	NA	NA	NA	NA	NA	2,000	1,900	140	230
4-Nitroaniline			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
4-Nitrophenol			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
Benzoic acid ^a	650	650	NA	NA	NA	NA	NA	NA	NA	1,700 U	800 J	320 J	2,300 U
Benzvl alcohol ^a	57	73	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
bis(2-Chloroethoxy) methane			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Bis-(2-chloroethyl) ether			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Carbazole			NA	NA	NA	NA	NA	NA	NA	89 J	120 J	100 U	230 U
Dibenzofuran	540	540	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Hexachlorobenzene	22	70	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Hexachlorobutadiene	11	120	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Hexachlorocyclopentadiene			NA	NA	NA	NA	NA	NA	NA	860 UJ	970 UJ	510 UJ	1,200 U
Hexachloroethane			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Isophorone			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Nitrobenzene			NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
N-Nitroso-di-n-propylamine			NA	NA	NA	NA	NA	NA	NA	860 U	970 U	510 U	1,200 U
N-Nitrosodiphenylamine	28	40	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U
Pentachlorophenol ^a	360	690	NA	NA	NA	NA	NA	NA	NA	860 UJ	970 UJ	510 UJ	1,200 U
Phenol ^a	420	1,200	NA	NA	NA	NA	NA	NA	NA	170 U	190 U	100 U	230 U

Table D-2: Results of samples collected at Rainier Commons site.

and a later of the				0070 101005	OD75 101005	0070 101005	MI 1050 001010	DODOTEVA 000404 D	ODOTEVO COCACA I	DODOTEVIO 000101	DODOTEVIA 000404/DO	TEV/4TIII 070040	TIII 0D1 010000	TIII ODO 010000	TIII ODO 070010
Sample Number					CB75-101905						RCBSTEV4-083104;BS				
Station ID				CB73	CB75	CB76	MH259	RCBSTEV1	RCBSTEV2	RCBSTEV3	RCBSTEV4	RCBSTEV4	TUL-CB1	TUL-CB2	TUL-CB2
Date				10/19/2005	10/19/2005	10/19/2005	9/18/2012	8/31/2004	8/31/2004	8/31/2004	8/31/2004	7/6/2012	1/9/2008	1/9/2008	7/6/2012
Sample Type				СВ	СВ	СВ	Inline	RCB	RCB	RCB	RCB	RCB	СВ	СВ	СВ
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,273,334.00	1,273,224.96	1,273,261.56	1,273,138.24	1,273,294.40	1,273,345.28	1,273,198.50	1,273,246.68	1,273,246.68	1,273,294.40	1,273,280.21	1,273,280.21
Ycoord		SQS	CSL	213,708.15	213,551.03	213,639.20	214,228.59	213,910.70	214,018.83	214,001.06	213,737.72	213,737.72	213,910.70	213,851.16	213,851.16
Cleaning Status		LAET	2LAET	Cleaned 2008	Cleaned 2008	Cleaned 2008	Cleaned 2013	Cleaned 2008	Cleaned 2008	Cleaned 2008	Cleaned 2008	Cleaned 2013	Cleaned 2008	Cleaned 2008	Cleaned 2013
Solids, Total	%						78.4					39.5	67.3	46.7	35.8
Total Organic Carbon	% %						3.07					9.01	07.5	40.7	9.43
Metals	/6						3.07					3.01			9.40
Arsenic	mg/kg	57	93				6					10 U			10 U
Copper	mg/kg	390	390				71					161			174
		450	530				23					108			106
Lead Mercury	mg/kg	0.41	0.59				0.03 U					0.08 J			0.22
Zinc	mg/kg	410	960				231					955			791
Total Petroleum Hydrocarbons	mg/kg	410	900				231					900			791
Diesel Range Hydrocarbons	ma/ka	2 000	2,000				320					2.500			2 200
	mg/kg	2,000										2,500 12,000			2,200 12,000
Motor Oil Range	mg/kg	2,000	2,000				1,000					12,000			12,000
LPAH	, B -	500	F00				440					00.1			000 11
Acenaphthene	ug/kg	500	500				110					99 J			200 U
Acenaphthylene	ug/kg	1,300	1,300				57 U					200 U			200 U
Anthracene	ug/kg	960	960				260					350			340
Fluorene	ug/kg	540	540				140					230			280
LPAH	ug/kg	5,200	5,200				2,867					3,279 J			3,620
Naphthalene	ug/kg	2,100	2,100				57					300			500
Phenanthrene	ug/kg	1,500	1,500				2,300					2,300			2,500
НРАН															
Benzo(A)anthracene	ug/kg	1,300	1,600				1,300					1,700			1,600
Benzo(A)pyrene	ug/kg	1,600	1,600				1,600					2,200			2,100
Benzo(G,H,I)perylene	ug/kg	670	720				1,300					1,900			1,800
Benzofluoranthenes, Total	ug/kg	3,200	3,600				3,200					5,300			5,200
Chrysene	ug/kg	1,400	2,800				1,900					3,700			4,000
Dibenzo(A,H)anthracene	ug/kg	230	230				450					620			580
Fluoranthene	ug/kg	1,700	2,500				3,500					5,300			6,300
HPAH	ug/kg	12,000	17,000				17,550					26,720			28,080
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690				1,200					1,600			1,500
Pyrene	ug/kg	2,600	3,300				3,100					4,400			5,000
Phthalates															
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900				1,400 B					37,000 B			46,000 B
Butylbenzylphthalate	ug/kg	63	900				85					500			620
Diethylphthalate	ug/kg	200	1,200				140 U					500 U			510 U
Dimethylphthalate	ug/kg	71	160				57 U					200 U			200 U
Di-N-Butylphthalate	ug/kg	1,400	1,400				57 U					440			1,700
Di-N-Octylphthalate	ug/kg	6,200					100					3,200			5,900
PCBs															
Aroclor 1016	ug/kg			150,000 U	31,000 U	26,000 U	88 U	1,600 U	420 U	19 U	1,100 U	220 U	580 U	110 U	180 U
Aroclor 1221	ug/kg			150,000 U	31,000 U	26,000 U	88 U	1,600 U	420 U	19 U	1,100 U	220 U	580 U	110 U	180 U
Aroclor 1232	ug/kg			150,000 U	31,000 U	260,000 U	88 U	1,600 U	420 U	19 U	1,100 U	220 U	580 U	110 U	180 U
Aroclor 1242	ug/kg			150,000 U	31,000 U	26,000 U	88 U	1,600 U	420 U	19 U	1,100 U	220 U	580 U	110 U	180 U
Aroclor 1248	ug/kg			150,000 U	31,000 U	26,000 U	660 UJ	1,600 U	420 U	19 U	1,100 U	1,100 Y	580 U	110 U	460 Y
Aroclor 1254	ug/kg			800,000	96,000	1,200,000	4,200	9,000	1,500	130	12,000	6,900	10,000	4,800	4,600
Aroclor 1260	ug/kg			540,000	79,000	1,000,000	3,100	8,000	1,100	71	11,000	5,500	7,100	3,600	3,600
Total PCBs	ug/kg	130	1,000	1,340,000	175,000	2,200,000	7,300	17,000	2,600	201	23,000	12,400	17,100	8,400	8,200
Other Organic Compounds															
1,2,4-Trichlorobenzene	ug/kg	31	51				57 U					200 U			200 U
1,2-Dichlorobenzene	ug/kg	35	50				57 U					200 U			200 U
1,3-Dichlorobenzene	ug/kg						57 U					200 U			200 U
1,4-Dichlorobenzene	ug/kg	110	110				57 U					200 U			200 U
,	~±'₽														

Table D-2: Results of samples collected at Rainier Commons site.

Sample Number				TUL-CB3-010908	TUL-CB4-010908
Station ID				TUL-CB3	TUL-CB4
Date				1/9/2008	1/9/2008
Sample Type				CB	CB
Sample Method				Grab-Manual	Grab-Manual
Xcoord				1,273,246.68	1,273,222.92
Ycoord		SQS	CSL	213,737.72	213,636.57
Cleaning Status		LAET	2LAET	Cleaned 2008	Cleaned 2008
oldaimig oldido				0.0404 2000	0.0404 2000
Solids, Total	%			61	43
Total Organic Carbon	%				
Metals					
Arsenic	mg/kg	57	93		
Copper	mg/kg	390	390		
Lead	mg/kg	450	530		
Mercury	mg/kg	0.41	0.59		
Zinc	mg/kg	410	960		
Total Petroleum Hydrocarbons					
Diesel Range Hydrocarbons	mg/kg	2,000	2,000		
Motor Oil Range	mg/kg	2,000	2,000		
LPAH					
Acenaphthene	ug/kg	500	500		
Acenaphthylene	ug/kg	1,300	1,300		
Anthracene	ug/kg	960	960		
Fluorene	ug/kg	540	540		
LPAH	ug/kg	5,200	5,200		
Naphthalene	ug/kg	2,100	2,100		
Phenanthrene	ug/kg	1,500	1,500		
HPAH					
Benzo(A)anthracene	ug/kg	1,300	1,600		
Benzo(A)pyrene	ug/kg	1,600	1,600		
Benzo(G,H,I)perylene	ug/kg	670	720		
Benzofluoranthenes, Total	ug/kg	3,200	3,600		
Chrysene	ug/kg	1,400	2,800		
Dibenzo(A,H)anthracene	ug/kg	230	230		
Fluoranthene	ug/kg	1,700	2,500		
HPAH	ug/kg	12,000	17,000		
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690		
Pyrene	ug/kg	2,600	3,300		
Phthalates					
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900		
Butylbenzylphthalate	ug/kg	63	900		
Diethylphthalate	ug/kg	200	1,200		
Dimethylphthalate	ug/kg	71	160		
Di-N-Butylphthalate	ug/kg	1,400	1,400		
Di-N-Octylphthalate	ug/kg	6,200			
PCBs	Р			04.000.11	400 11
Aroclor 1016	ug/kg			24,000 U	460 U
Aroclor 1221	ug/kg			24,000 U	460 U
Aroclor 1232	ug/kg			24,000 U	460 U
Aroclor 1242	ug/kg			24,000 U	460 U
Aroclor 1248	ug/kg			24,000 U	460 U
Aroclor 1254	ug/kg			110,000	9,500
Aroclor 1260	ug/kg	100		79,000	8,300
Total PCBs	ug/kg	130	1,000	189,000	17,800
Other Organic Compounds	B	21			
1,2,4-Trichlorobenzene	ug/kg	31	51		
1,2-Dichlorobenzene	ug/kg	35	50		
1,3-Dichlorobenzene	ug/kg	110	110		
1,4-Dichlorobenzene	ug/kg	110	110		

RainComm_data.xlsx Table D-



Table D-2: Results of samples collected at Rainier Commons site.

Comple Number				770 101005	OD7F 10100F	OD70 10100F	MI 1050 001010	DODOTEV4 000404 D	ODCTEVO 000104	DODOTEVO 000104	DODOTEV/4 000404:DO	CTEV/4TIII 070010	TIII OD1 010000	TIII CD0 010000	TIII OD0 070010
Sample Number			CB		CB75-101905			RCBSTEV1-083104 F							
Station ID				CB73	CB75	CB76	MH259	RCBSTEV1	RCBSTEV2	RCBSTEV3	RCBSTEV4	RCBSTEV4	TUL-CB1	TUL-CB2	TUL-CB2
Date			1	10/19/2005	10/19/2005	10/19/2005	9/18/2012	8/31/2004	8/31/2004	8/31/2004	8/31/2004	7/6/2012	1/9/2008	1/9/2008	7/6/2012
Sample Type			_	СВ	СВ	СВ	Inline	RCB	RCB	RCB	RCB	RCB	СВ	СВ	СВ
Sample Method				irab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				,273,334.00	1,273,224.96	1,273,261.56	1,273,138.24	1,273,294.40	1,273,345.28	1,273,198.50	1,273,246.68	1,273,246.68	1,273,294.40	1,273,280.21	1,273,280.21
Ycoord		SQS		213,708.15	213,551.03	213,639.20	214,228.59	213,910.70	214,018.83	214,001.06	213,737.72	213,737.72	213,910.70	213,851.16	213,851.16
Cleaning Status		LAET	2LAET Cle	eaned 2008	Cleaned 2008	Cleaned 2008	Cleaned 2013	Cleaned 2008	Cleaned 2008	Cleaned 2008	Cleaned 2008	Cleaned 2013	Cleaned 2008	Cleaned 2008	Cleaned 2013
1 Mathylpophthologo	110/100						57 U					200 U			200
1-Methylnaphthalene	ug/kg						57 U					200 U			200 U
2,2'-Oxybis(1-chloropropane)	ug/kg														
2,4,5-Trichlorophenol	ug/kg						280 U					990 U			1,000 U
2,4,6-Trichlorophenol	ug/kg						280 U					990 U			1,000 U
2,4-Dichlorophenol	ug/kg						570 U					2,000 U			2,000 U
2,4-Dimethylphenol	ug/kg	29					110 UJ					400 U			410 U
2,4-Dinitrophenol	ug/kg						2,400 U					8,400 UJ			8,700 UJ
2,4-Dinitrotoluene	ug/kg						280 U					990 U			1,000 U
2,6-Dinitrotoluene	ug/kg						280 U					990 U			1,000 U
2-Chloronaphthalene	ug/kg						57 U					200 U			200 U
2-Chlorophenol	ug/kg						57 U					200 U			200 U
2-Methylnaphthalene	ug/kg	670	670				45 J					180 J			400
2-Methylphenol	ug/kg	63	63				57 U					200 U			200 U
2-Nitroaniline	ug/kg						280 U					990 U			1,000 U
2-Nitrophenol	ug/kg						280 U					990 U			1,000 U
3,3`-Dichlorobenzidine	ug/kg						420 UJ					1,500 UJ			1,500 UJ
3-Nitroaniline	ug/kg						280 U					990 U			1,000 U
4,6-Dinitro-2-Methylphenol	ug/kg						570 U					2,000 U			2,000 U
4-Bromophenyl phenyl ether	ug/kg						57 U					200 U			200 U
4-Chloro-3-Methylphenol	ug/kg						280 U					990 U			1,000 U
4-Chloroaniline	ug/kg						760 U					2,700 U			2,800 U
4-Chlorophenyl Phenylether	ug/kg						57 U					200 U			200 U
4-Methylphenol	ug/kg	670	670				110 U					760			530
4-Nitroaniline	ug/kg						280 U					990 U			1,000 U
4-Nitrophenol	ug/kg						280 U					990 U			1,000 U
Benzoic acid	ug/kg	650	650				1,100 U					4,000 U			4,100 U
Benzyl alcohol	ug/kg	57	73				57 U					190 J			200 U
bis(2-Chloroethoxy) methane	ug/kg						57 U					200 U			200 U
Bis-(2-chloroethyl) ether	ug/kg						57 U					200 U			200 U
Carbazole	ug/kg						370					430			420
Dibenzofuran	ug/kg	540	540				88					110 J			110 J
Hexachlorobenzene	ug/kg	22	70				57 U					200 U			200 U
Hexachlorobutadiene	ug/kg	11	120				57 U					200 U			200 U
Hexachlorocyclopentadiene	ug/kg						1,100 U					4,000 U			4,100 U
Hexachloroethane	ug/kg						57 U					200 U			200 U
Isophorone	ug/kg						57 UJ					200 U			200 U
Nitrobenzene	ug/kg						57 U					200 U			200 U
N-Nitroso-Di-N-Propylamine	ug/kg						57 U					200 U			200 U
N-Nitrosodiphenylamine	ug/kg	28	40				57 U					110 J			150 J
Pentachlorophenol	ug/kg	360	690				570 U					2,000 U			2,000 U
Phenol	ug/kg	420	1,200				34 J					230			260
	~9 [,] 1.9	1_0	.,				UT U								_50

RainComm_data.xlsx Table D-2: 3

Table D-2: Results of samples collected at Rainier Commons site.

Sample Number				TUL-CB3-010908	TUL-CB4-010908
Station ID				TUL-CB3	TUL-CB4
Date				1/9/2008	1/9/2008
Sample Type				СВ	СВ
Sample Method				Grab-Manual	Grab-Manual
Xcoord				1,273,246.68	1,273,222.92
Ycoord		sqs	CSL	213,737.72	213,636.57
Cleaning Status		LAET	2LAET	Cleaned 2008	Cleaned 2008
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
1-Methylnaphthalene	ug/kg				
2,2'-Oxybis(1-chloropropane)	ug/kg				
2,4,5-Trichlorophenol	ug/kg				
2,4,6-Trichlorophenol	ug/kg				
2,4-Dichlorophenol	ug/kg				
2,4-Dimethylphenol	ug/kg	29			
2,4-Dinitrophenol	ug/kg				
2,4-Dinitrotoluene	ug/kg				
2,6-Dinitrotoluene	ug/kg				
2-Chloronaphthalene	ug/kg				
2-Chlorophenol	ug/kg				
2-Methylnaphthalene	ug/kg	670	670		
2-Methylphenol	ug/kg	63	63		
2-Nitroaniline	ug/kg				
2-Nitrophenol	ug/kg				
3,3`-Dichlorobenzidine	ug/kg				
3-Nitroaniline	ug/kg				
4,6-Dinitro-2-Methylphenol	ug/kg				
4-Bromophenyl phenyl ether	ug/kg				
4-Chloro-3-Methylphenol	ug/kg				
4-Chloroaniline	ug/kg				
4-Chlorophenyl Phenylether	ug/kg				
4-Methylphenol	ug/kg	670	670		
4-Nitroaniline	ug/kg				
4-Nitrophenol	ug/kg				
Benzoic acid	ug/kg	650	650		
Benzyl alcohol	ug/kg	57	73		
bis(2-Chloroethoxy) methane	ug/kg				
Bis-(2-chloroethyl) ether	ug/kg				
Carbazole	ug/kg				
Dibenzofuran	ug/kg	540	540		
Hexachlorobenzene	ug/kg	22	70		
Hexachlorobutadiene	ug/kg	11	120		
Hexachlorocyclopentadiene	ug/kg				
Hexachloroethane	ug/kg				
Isophorone	ug/kg				
Nitrobenzene	ug/kg				
N-Nitroso-Di-N-Propylamine	ug/kg				
N-Nitrosodiphenylamine	ug/kg	28	40		
Pentachlorophenol	ug/kg	360	690		
Phenol	ug/kg	420	1,200		
			•		

RainComm_data.xlsx Table D-2: 4

Fable D-2: 4			

Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SYS_SAMPLE_CODE CB149-052709 CB157F-051110 CB167S-051110 CB163-081810 CB207-060309 CB211-042911 CB212-042911 MH101-091208 MH101-110411 MH101-120309 SYS_LOC_CODE CB149 CB157 CB157 CB163 CB207 CB211 CB212 MH100B MH101 MH101 MH1101 SAMPLE_DATE 5/27/2009 5/11/2010 5/11/2010 8/18/2010 6/3/2009 4/29/2011 4/29/2011 9/12/2008 9/12/2008 11/4/2011 12/3/2009 Outfall S Garden St S Myrtle S	MH111-120309 MH111 12/3/2009 S Brighton St Inline Grab-Manual 1,271,076.59 201,126.61 Cleaned
SAMPLE_DATE 5/27/2009 5/11/2010 5/11/2010 8/18/2010 6/3/2009 4/29/2011 4/29/2011 9/12/2008 9/12/2008 11/4/2011 12/3/2009 Outfall S Garden St S Myrtle St S Brighton St S Brighton St S Brighton St LOC_TYPE_2 CB CB CB CB CB CB CB CB CB Inline	12/3/2009 S Brighton St Inline Grab-Manual 1,271,076.59 201,126.61 Cleaned
Outfall S Garden St S Myrtle St S Brighton St S Br	S Brighton St Inline Grab-Manual 1,271,076.59 201,126.61 Cleaned
LOC_TYPE_2 CB	Inline Grab-Manual 1,271,076.59 201,126.61 Cleaned
SAMPLE_METHOD Grab-Manual	Grab-Manual 1,271,076.59 201,126.61 Cleaned
X_COORD 1,272,550.12 1,271,807.16 1,271,807.16 1,271,521.96 1,271,665.51 1,272,291.49 1,272,304.18 1,271,369.99 1,271,076.59 1,271,076.59 1,271,441.06 Y_COORD SQS CSL 199,860.95 200,278.86 200,278.86 201,024.93 199,903.78 200,283.84 200,184.21 200,335.70 201,126.61 201,126.61 201,405.07 TASK_TYPE LAET 2LAET CurrentPhase CurrentPhase Cleaned CurrentPhase CurrentPhase CurrentPhase CurrentPhase CurrentPhase CurrentPhase CurrentPhase Cleaned Cleaned Cleaned	1,271,076.59 201,126.61 Cleaned
Y_COORD SQS CSL 199,860.95 200,278.86 200,278.86 201,024.93 199,903.78 200,283.84 200,184.21 200,335.70 201,126.61 201,126.61 201,405.07 TASK_TYPE LAET 2LAET CurrentPhase CurrentPhase Cleaned CurrentPhase CurrentPhase CurrentPhase CurrentPhase Cleaned Cleaned Cleaned	201,126.61 Cleaned
TASK_TYPE LAET 2LAET CurrentPhase CurrentPha	Cleaned
Solids, Total % 99.7 67.3 46.2 62.5 82 37.8 62.3 67.7 48.3 85.4 65	74.7
Total Organic Carbon % 1.74 4.59 6.7 6.72 11 9.33 8.12 6.89 3.09 1.23 3.62	1.81
Metals	
Arsenic mg/kg 57 93 10 U 208 17 7 U 60 20 10 14 50 6 18 J	960 J
Copper mg/kg 390 390 68 1,890 2,240 92 7,990 1,930 264 500 220 36 J 227 J	998 J
Lead mg/kg 450 530 52 1,260 1,380 114 2,240 351 174 675 178 15 J 84 J	878 J
Mercury mg/kg 0.41 0.59 0.03 0.8 1.55 0.19 2.72 0.38 0.38 1.88 0.28 0.02 U 0.13 J	0.4 J
Zinc mg/kg 410 960 201 4,940 5,880 810 13,300 5,240 1,260 2,420 829 143 J 455 J	2,630 J
Total Petroleum Hydrocarbons	
Diesel Range Hydrocarbons mg/kg 2,000 2,000 84 840 970 1,200 5,200 14,000 860 1,100 470 35 400	620
Motor Oil Range mg/kg 2,000 2,000 760 6,200 8,200 15,000 10,000 4,300 5,100 1,100 110 930	1,700
LPAH	
Acenaphthene ug/kg 500 500 58 U 220 U 250 U 550 U 740 U 57 U 57 UJ 190 U 110 U 18 U 130	700
Acenaphthylene ug/kg 1,300 1,300 58 U 220 U 250 U 550 U 740 U 57 U 57 UJ 190 U 110 U 18 U 34 J	96 U
Anthracene ug/kg 960 960 58 U 130 J 200 J 550 U 740 U 57 U 140 J 190 U 130 18 U 7,300	1,300
Fluorene ug/kg 540 540 58 U 220 U 250 U 550 U 740 U 1,200 34 J 190 U 110 U 18 U 140	610
LPAH ug/kg 5,200 5,200 58 1,180 J 1,290 J 340 J 2,100 2,650 1,222 J 320 440 11 J 13,645 J	4,110
Naphthalene ug/kg 2,100 2,100 58 U 150 J 210 J 550 U 740 U 350 NJ 48 J 190 U 110 U 18 U 41 J	96 U
Phenanthrene ug/kg 1,500 1,500 58 900 880 340 J 2,100 1,100 1,000 J 320 310 11 J 6,000	1,500
HPAH	
Benzo(A)anthracene ug/kg 1,300 1,600 58 U 550 J 800 J 550 U 1,200 160 320 J 290 400 18 U 13,000	1,000
Benzo(A)pyrene ug/kg 1,600 1,600 58 U 440 580 550 U 940 140 120 J 580 550 13 J 8,400	1,000
Benzo(G,H,I)perylene ug/kg 670 720 58 U 180 J 270 440 J 740 U 180 130 J 410 240 21 1,500	240
Benzofluoranthenes, Total ug/kg 3,200 3,600 58 U 1,180 1,780 550 U 2,400 390 370 J 1,340 1,990 26 17,400	2,200
Chrysene ug/kg 1,400 2,800 83 990 1,600 550 U 1,800 420 470 J 490 850 22 15,000	1,600
Dibenzo(A,H)anthracene ug/kg 230 230 58 U 55 J 250 U 550 U 740 U 37 J 57 UJ 95 J 110 U 18 U 1,100	75 J
Fluoranthene ug/kg 1,700 2,500 29 J 1,700 2,400 550 3,700 470 1,600 J 770 1,600 20 27,000	4,100
HPAH ug/kg 1,200 17,000 112 J 6,325 J 9,130 J 1,490 J 13,240 2,737 J 4,484 J 4,925 J 7,640 136 J 110,200	13,465 J
Indeno(1,2,3-Cd)pyrene ug/kg 600 690 58 U 130 J 200 J 550 U 740 U 120 74 J 290 210 11 J 1,800	250
Pyrene ug/kg 2,600 3,300 58 U 1,100 1,500 500 J 3,200 820 1,400 J 660 1,800 23 25,000	3,000
Phthalates	
Bis(2-ethylhexyl)phthalate ug/kg 1,300 1,900 360 U 33,000 41,000 10,000 62,000 14,000 B 11,000 J 3,000 12,000 170 B 7,500	4,700
Butylbenzylphthalate ug/kg 63 900 58 U 5,000 4,300 550 U 6,000 560 J 800 J 1,500 310 48 250	150
Diethylphthalate ug/kg 200 1,200 58 U 220 U 250 U 550 U 740 U 57 U 57 U 190 U 110 U 46 U 66 U	50 J
Dimethylphthalate ug/kg 71 160 35 J 2,500 620 520 J 1,400 57 U 160 J 200 110 U 18 U 66 U	49 J
Di-N-Butylphthalate ug/kg 1,400 1,400 58 U 1,500 1,200 550 U 2,300 57 U 57 UJ 400 110 U 18 U 41 J	140
Di-N-Octylphthalate ug/kg 6,200 38 J 2,200 3,400 550 U 6,000 1,200 57 UJ 190 140 18 U 190	530
PCBs	
Aroclor 1016 ug/kg 19 U 48 U 60 U 20 U 470 U 20 U 19 U 200 U 59 U 18 U 20 U	26 U
Aroclor 1221 ug/kg 19 U 48 U 60 U 20 U 470 U 20 U 19 U 200 U 59 U 18 U 20 U	26 U
Aroclor 1232 ug/kg 19 U 48 U 60 U 20 U 470 U 20 U 19 U 200 U 59 U 18 U 20 U	26 U
Aroclor 1242 ug/kg 19 U 48 U 60 U 160 470 U 20 U 19 U 200 U 59 U 18 U 20 U	26 U
Aroclor 1248 ug/kg 19 U 1,300 1,400 20 U 7,100 330 100 390 Y 78 18 U 39	52
Aroclor 1254 ug/kg 26 1,400 2,200 100 8,600 550 150 1,200 130 18 U 61 J	87
Aroclor 1260 ug/kg 34 260 420 51 2,600 J 140 110 350 120 J 18 U 43	51
Total PCBs ug/kg 130 1,000 60 2,960 4,020 311 18,300 J 1,020 360 1,550 328 J 18 U 143 J	190

Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SYS_SAMPLE_CODE			1	MH204-011509-G	MH205-011509-G	MH205-072512	MH222-052109	MH222-080312	MH223-052109	MH224-052109	MH225-052109	MH226-052609	MH226-080312	MH227-052609	MH240-060309
SYS_LOC_CODE				MH204	MH205	MH205	MH222	MH222	MH223	MH224	MH225	MH226	MH226	MH227	MH240
SAMPLE_DATE				1/15/2009	1/15/2009	7/25/2012	5/21/2009	8/3/2012	5/21/2009	5/21/2009	5/21/2009	5/26/2009	8/3/2012	5/26/2009	6/3/2009
Outfall				S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Garden St
LOC_TYPE_2				Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline
SAMPLE_METHOD				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
X_COORD				1,271,933.58	1,271,076.59	1,271,076.59	1,270,365.94	1,270,365.94	1,270,726.75	1,271,124.35	1,271,354.93	1,271,510.10	1,271,510.10	1,270,726.75	1,271,720.20
Y_COORD		SQS	CSL	201,802.91	201,126.61	201,126.61	201,142.99	201,142.99	201,133.36	201,125.32	200,875.87	201,104.92	201,104.92	201,133.36	199,909.20
TASK_TYPE		LAET	2LAET	CurrentPhase	Cleaned	CurrentPhase	Cleaned	CurrentPhase	Cleaned	Cleaned	Cleaned	Cleaned	CurrentPhase	Cleaned	Cleaned
men z					0.04.104		0.0000		0.0000	0.0000	0.0000	0.0000		0.0404	0.0000
Solids, Total	%			61.9	73.2	86.5	84	79	84.2	46.5	43.2	69.9	82.4	81.3	42.9
Total Organic Carbon	%			6.58	3.56	0.314	0.42	2.24	0.9	6.75	5.5	5.29	5.24	0.73	18.7
Metals															
Arsenic	mg/kg	57	93	8	125	12	46 J	12	1,420 J	30 J	40 J	58 J	10 U	1,270 J	40 J
Copper	mg/kg	390	390	200	209	40 J	86 J	25	831 J	227 J	335 J	273 J	99	848 J	2,200 J
Lead	mg/kg	450	530	361	121	448	90 J	24	977 J	222 J	473 J	757 J	119	957 J	1,710 J
Mercury	mg/kg	0.41	0.59	1.19	0.15	0.02 U	0.06 J	0.04	0.13 J	0.46 J	1.15 J	3.41 J	0.12	0.24 J	4.29 J
Zinc	mg/kg	410	960	586	710	204 J	247 J	198	4,000 J	959 J	709 J	905 J	519	3,600 J	8,960 J
Total Petroleum Hydrocarbons															
Diesel Range Hydrocarbons Motor Oil Range	mg/kg	2,000	2,000	410	220	27 U	98	35	370	570	21,000	1,100	95	360	17,000
LPAH	mg/kg	2,000	2,000	2,000	920	92	200	140	760	1,400	30,000	4,900	690	910	60,000
		500	500	00.1		40.11		40.11	07	50.11	470.11	400.11	F.4	100	1 000
Acenaphthene	ug/kg	500	500	39 J	66	18 U	63	19 U	87	58 U	170 U	190 U	54	120	1,800 J
Acenaphthylene	ug/kg	1,300	1,300	27 J	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 ∪
Anthracene	ug/kg	960	960	290	180	18 U	1,400	10 J	290	33 J	170 U	170 J	150	570	3,200
Fluorene	ug/kg	540	540	54	70	18 U	120	19 U	75	58 U	170 U	190 U	67	110	4,600
LPAH	ug/kg	5,200	5,200	975 J	756	10 J	1,908	44 J	772	213 J	170 U	1,370 J	1,076 J	1,420	29,700 J
Naphthalene	ug/kg	2,100	2,100	25 J	39 U	18 U	25	19 U	58 U	58 U	170 U	190 U	35 J	68 U	4,100
Phenanthrene	ug/kg	1,500	1,500	540	440	10 J	300	34	320	180	170 U	1,200	770	620	16,000
НРАН															
Benzo(A)anthracene	ug/kg	1,300	1,600	410	260	18 U	120	25	180	130	160 J	960	480	460	5,100
Benzo(A)pyrene	ug/kg	1,600	1,600	680	330	18 U	73	28	140	130	220	1,200	530	370	4,000
Benzo(G,H,I)perylene	ug/kg	670	720	440	180	14 J	19 J	23 J	34 J	65	160 J	860	330 J	150	2,700 ∪
Benzofluoranthenes, Total	ug/kg	3,200	3,600	1,490	750	16 J	142	70	320	360	510	2,100	1,100	710	8,200
Chrysene	ug/kg	1,400	2,800	570	390	16 J	160	44	300	200	540	1,500	810	630	7,300
Dibenzo(A,H)anthracene	ug/kg	230	230	88 J	25 J	18 U	20 U	19 U	58 U	58 U	170 U	130 J	86	68 U	2,700 U
Fluoranthene	ug/kg	1,700	2,500	1,100	780	25	590	64	880	350	430	2,200	1,200	1,800	16,000
НРАН	ug/kg	1,200	17,000	6,128 J	3,675 J	94 J	1,483 J	333 J	2,520 J	1,575 J	3,820 J	11,270 J	5,996 J	5,460	55,600
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	400	170	18 U	19 J	17 J	36 J	50 J	100 J	620	260	140	2,700 U
Pyrene	ug/kg	2,600	3,300	950	790	23	360	62	630	290	1,700	1,700	1,200	1,200	15,000
Phthalates															
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	2,200	2,300	110 J	160	350 B	820	1,100	5,000	1,300	1,300 B	1,100	210,000
Butylbenzylphthalate	ug/kg	63	900	400	110	76 J	20 U	84	58 U	220	170 U	340	380	68 U	12,000
Diethylphthalate	ug/kg	200	1,200	40 U	39 U	45 U	20 U	47 U	58 U	58 U	170 U	190 U	140 U	68 U	2,700 ∪
Dimethylphthalate	ug/kg	71	160	79	39 U	18 U	20 U	19 U	58 U	35 J	170 U	190 U	59	68 U	4,200
Di-N-Butylphthalate	ug/kg	1,400	1,400	160	36 J	18 U	20 U	180	58 U	49 J	170 U	130 J	54	68 U	2,600 J
Di-N-Octylphthalate	ug/kg	6,200		130	200	10 J	42	19 U	580	41 J	130 J	190 U	54 U	550	23,000
PCBs															
Aroclor 1016	ug/kg			400 U	18 U	18 U	20 U	17 U	20 U	20 U	20 U	97 U	17 U	19 U	420 U
Aroclor 1221	ug/kg			400 U	18 U	18 U	20 U	17 U	20 U	20 U	20 U	97 U	17 U	19 U	420 U
Aroclor 1232	ug/kg			400 U	18 U	18 U	20 U	17 U	20 U	20 U	20 U	97 U	17 U	19 U	420 U
Aroclor 1242	ug/kg			400 U	18 U	18 U	20 U	17 U	20 U	20 U	20 U	97 U	17 U	19 U	17,000
Aroclor 1248	ug/kg			400 U	30	18 U	20 U	11 J	20 U	20 U	99 Y	97 U	43	20	420 U
Aroclor 1254	ug/kg			400 U	61	18 U	20 U	13 J	40	34	370	97 U	59	34	6,400
Aroclor 1260	ug/kg			620	57	18 U	28	15 J	39	39 J	410	350	56 J	47 J	1,600 J
Total PCBs	ug/kg	130	1,000	620	148	18 U	28	39 J	79	73 J	780	350	158 J	101 J	25,000 J

Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SCAMPLE_DATE SCAM					RCB146-091208	RCB147-091208	RCB148-091208	RCB169-042909	RCB176-120309	RCB177-120309	RCB178-120309	RCB179-120309	BCB180-120309	RCB189F-051110	RCB211-052609	RCB212-052609
SAMPLE_DATE																RCB212
Outsile Color Co																5/26/2009
COLOR F.C.	-															
SAMPLE_METHOD Scrib-Manual Grab-Manual						•					-	~		•	~	RCB
X_COORD SQS 1,271 988,90 1,271 988,00 201,014 198,00 200,014 988,00 200,014 988,00 200,014 988,00 201,014 988,00 201,014 988,00 201,014 988,00 201,014 988,00 2,000 2,000 3,																
Corporation																1,271,216.50
Cleaned Clea			909	CSI												201,039.12
Solids	-							•	•				•			Cleaned
Total Organic Carbon % 7.74 9.4 1.55 5.95 5.82 13.8 3.58 4.85 7.11 6.56	NON_THE		2,12,	20121	Giodiloa	Carrona naco	Oloanoa	Oldanda	Cicarioa	Oloanoa	Oloanoa	Cioarioa	Glodilod	Carrona naco	Olounou	Giodilod
Metals Arsenic mg/kg 57 93 11 7 7 7 J 17 J 17 J 20 J 7 J 22 23 J 21 Copper mg/kg 390 390 1,020 386 291 J 242 J 327 J 238 J 1,110 J 3,220 230 J 186 Lead mg/kg 450 530 670 467 230 290 275 284 192 904 170 J 185 Mercury mg/kg 0.41 0.59 1.08 0,74 0.42 0.45 0.39 0.36 0.33 0.66 0.13 J 0.15 Zinc mg/kg 410 960 2,900 130 2,900 130 386 1,000 13,000 1,000 1,200 4,700 500 1,800 3,800 938 J 948 Total Petroleum Hydrocarbons mg/kg 2,000 2,000 130 2,000 150 10,000 12,000 6,800 1,300 1,000 1,200 4,700 500 1,800 3,000 4,800 Motor Oil Range mg/kg 2,000 2,000 760 10,000 12,000 6,800 4,200 6,800 13,000 2,000 1,800 3,000 4,800 Motor Oil Range mg/kg 500 500 140 U 590 U 280 250 170 U 220 U 260 U 200 330 U 310 U 380 Acenaphthylene ug/kg 1,300 1,300 1,300 140 U 590 U 450 300 180 220 U 260 U 200 330 U 310 U 380 Alenaphthylene ug/kg 540 540 540 100 J 590 U 450 300 180 220 U 190 J 360 240 J 310 U 380 Fluorene ug/kg 540 540 540 100 J 590 U 490 320 120 J 220 U 190 J 360 240 J 310 U 380 Fluorene ug/kg 5,200 5,200 1,140 4,990 2,970 1,120 450 1,700 3,600 2,510 J 920 1,090 Naphthlene ug/kg 2,100 2,000 110 J 1,000 970 200 J 110 J 220 U 140 J 120 470 180 J 210 L 380 L 3	Solids, Total	%					62.1			56.6	52.3	43.1	66	65.9	59.3	59.2
Arsenic mg/kg 57 93 11 7 7 7 J 17 J 18 J 20 J 7 J 22 23 J 21 Copper mg/kg 390 390 1,020 386 291 J 242 J 327 J 238 J 1,110 J 3,280 230 J 186 Lead mg/kg 450 530 670 467 230 290 275 284 192 904 170 J 18 J 1	īotal Organic Carbon	%			7.74		9.4		1.55	5.95	5.82	13.8	3.58	4.85	7.11	6.52
Copper																
Lead mg/kg 450 530 670 467 230 290 275 284 192 904 170 J 183	Arsenic	mg/kg							7 J	17 J						21 J
Mercury mg/kg 0.41 0.59 1.08 0.74 0.42 0.45 0.39 0.36 0.33 0.66 0.13 J 0.1		mg/kg												3,280		186 J
Cinc mg/kg 410 960 2,900 2,900 1,950 1,950 985 1,100 1,340 1,400 1,500 3,890 938 J 948																183 J
Total Petroleum Hydrocarbons Total Petroleum Total Petroleum Hydrocarbons Total Petroleum To																0.13 J
Diesel Range Hydrocarbons mg/kg 2,000 2,000 130 2,800 6,800 1,300 1,000 1,200 4,700 500 1,800 3,000 4,800 Motor Oil Range mg/kg 2,000 2,000 760 10,000 12,000 6,800 4,200 6,600 13,000 2,900 8,600 13,000 20,000 LPAH Acenaphthene ug/kg 500 500 140 U 590 U 280 U 250 U 170 U 220 U 260 U 200 U 330 U 310 U 380 U 310 U		mg/kg	410	960	2,900		1,950		985	1,100	1,340	1,400	1,500	3,890	938 J	949 J
Motor Oil Range mg/kg 2,000 2,000 760 10,000 12,000 6,300 4,200 6,600 13,000 2,900 8,600 13,000 20,000 LPAH Acenaphthene ug/kg 500 500 140 U 590 U 280 250 170 U 220 U 260 U 200 330 U 310 U 380 U 380 U 310 U 380 U 310 U 380 U <t< td=""><td>-</td><td>m a // - =-</td><td>0.000</td><td>0.000</td><td>100</td><td></td><td>-0.000</td><td>- 6 000</td><td>1 200</td><td>1.000</td><td>1.000</td><td>4 700</td><td>E00</td><td>1.000</td><td>2 000</td><td>4 200</td></t<>	-	m a // - =-	0.000	0.000	100		-0.000	- 6 000	1 200	1.000	1.000	4 700	E00	1.000	2 000	4 200
LPAH Acenaphthene ug/kg 500 500 140 U 590 U 280 250 170 U 220 U 260 U 200 330 U 310 U 380 U </td <td></td>																
Acenaphthene ug/kg 500 500 140 U 590 U 280 250 170 U 220 U 260 U 200 330 U 310 U 380 U 310 U 38	<u> </u>	mg/kg	2,000	2,000	700		10,000	12,000	0,300	4,200	0,000	13,000	2,900	0,000	13,000	20,000
Acenaphthylene ug/kg 1,300 1,300 140 U 590 U 260 U 170 U 220 U 260 U 100 U 330 U 310 U 380 U Anthracene ug/kg 960 960 130 J 590 U 450 300 180 220 U 210 J 460 200 J 310 U 380 U Fluorene ug/kg 540 540 100 J 590 U 490 320 120 J 220 U 190 J 360 240 J 310 U 380 U LPAH ug/kg 5,200 5,200 1,140 4,790 2,970 1,120 450 1,740 3,640 2,510 J 920 1,090 U Naphthalene ug/kg 2,100 2,100 110 J 1,000 970 200 J 110 J 220 U 140 J 120 470 180 J 210 U		ua/ka	500	500	140 11	590 III	280		250	170 11	220 11	260 11	200	330 11	310 11	380 U
Anthracene ug/kg 960 960 130 J 590 U 450 300 180 220 U 210 J 460 200 J 310 U 380 Fluorene ug/kg 540 540 100 J 590 U 490 320 120 J 220 U 190 J 360 240 J 310 U 380 LPAH ug/kg 5,200 5,200 1,140 4,790 2,970 1,120 450 1,740 3,640 2,510 J 920 1,090 Naphthalene ug/kg 2,100 2,100 110 J 1,000 970 200 J 110 J 220 U 140 J 120 470 180 J 210	<u> </u>															380 U
Fluorene ug/kg 540 540 100 J 590 U 490 320 120 J 220 U 190 J 360 240 J 310 U 380 LPAH ug/kg 5,200 5,200 1,140 4,790 2,970 1,120 450 1,740 3,640 2,510 J 920 1,090 Naphthalene ug/kg 2,100 2,100 110 J 1,000 970 200 J 110 J 220 U 140 J 120 470 180 J 210																380 U
LPAH ug/kg 5,200 5,200 1,140 4,790 2,970 1,120 450 1,740 3,640 2,510 J 920 1,090 Naphthalene ug/kg 2,100 2,100 110 J 1,000 970 200 J 110 J 220 U 140 J 120 470 180 J 210																380 U
Naphthalene ug/kg 2,100 2,100 110 J 1,000 970 200 J 110 J 220 U 140 J 120 470 180 J 210																1,090
						1,000										210 J
i nonantinono agrig 1,500 1,500 000 5700 400 1,500 1,500 000 570 40 000 1,500	Phenanthrene	ug/kg	1,500	1,500	800	570 J	2,600		1,900	710	450	1,200	2,500	1,600	740	880
HPAH	-IPAH											-	· · · · ·	-		
Benzo(A)anthracene ug/kg 1,300 1,600 450 330 J 950 820 540 370 750 790 610 J 400 440	3enzo(A)anthracene	ug/kg	1,300	1,600	450	330 J	950		820	540	370	750	790	610 J	400	440
		ug/kg	1,600		490	590 U	670			650	470	800	720	520	360	380
		ug/kg														380 J
	3enzofluoranthenes, Total															1,220
	-															1,400
																380 U
						1,100										2,400
						500.11										8,140 J
																220 J
		ug/kg	2,600	3,300	1,800	1,100	3,400		2,300	1,600	1,100	3,100	1,600	1,700	1,100	1,700
Phthalates Pio/2 othylboxyl/phthalate 25 000 25 000 25 000 25 000 26 000 26 000 27 0		ua/ka	1 200	1 000	47.000	25.000	26.000		22.000	21.000	15.000	20,000	6.900	94.000	24.000	29,000
																38,000 5,000
																380 U
				· ·												380 U
	* *															970
				.,												4,800
PCBs		- 3. 3	-,		,	,	,		-,			,	-	-,	,	,,,,,,
		ug/kg			200 U		400 U	99 U	58 U	92 U	91 U	67 U	45 U	34 U	96 U	99 U
• •								99 U					45 U		96 U	99 U
• •							400 U	99 U		92 U			45 U		96 U	99 U
	Aroclor 1242				200 U		400 U	99 U	58 U	92 U	91 U	67 U	45 U	34 U	96 U	99 U
Aroclor 1248 ug/kg 860 1,600 600 J 980 1,300 700 660 300 1,300 180 210	Aroclor 1248				860		1,600	600 J	980	1,300	700			1,300	180	210
	Aroclor 1254				1,200		2,100	1,400	1,100	1,500	910	770	390	1,400	180	240
• •					=		100 11	010	200	200	000 1	040	450			450 1
Total PCBs ug/kg 130 1,000 2,560 3,700 2,910 2,360 2,360 1,740 840 2,950 470 600	Aroclor 1260															150 J

Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

			-		·		
SYS_SAMPLE_CODE				RCB225-020211	RCB226-020211	RD1-051110	RD2-051110
SYS_LOC_CODE				RCB225	RCB226	RD1	RD2
SAMPLE_DATE				2/2/2011	2/2/2011	5/11/2010	5/11/2010
Outfall				S Myrtle St	S Myrtle St	S Garden St	S Myrtle St
LOC_TYPE_2				RCB	RCB	СВ	CB
SAMPLE_METHOD				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
X_COORD				1,271,990.00	1,271,798.63	1,271,911.33	1,271,321.66
Y_COORD		SQS	CSL	200,350.43	200,322.09	200,257.34	200,278.32
TASK_TYPE		LAET	2LAET	CurrentPhase	CurrentPhase	Cleaned	Cleaned
Solids, Total	%			36.1	82.3	49.2	29.6
Total Organic Carbon	%			6.43	4.82	8.84	8.37
Metals							
Arsenic	mg/kg	57	93	20	6	18	21
Copper	mg/kg	390	390	860	193	1,090	975
Lead	mg/kg	450	530	724	256	1,410	1,700
Mercury	mg/kg	0.41	0.59	1.53	0.24	0.92	2.56
Zinc	mg/kg	410	960	4,170	763	5,370	8,310
Total Petroleum Hydrocarbons							
Diesel Range Hydrocarbons	mg/kg	2,000	2,000	7,200	620	210	190
Motor Oil Range	mg/kg	2,000	2,000	20,000	2,700	2,400	1,700
LPAH							
Acenaphthene	ug/kg	500	500	970 U	210 U	88 U	150 U
Acenaphthylene	ug/kg	1,300	1,300	970 U	210 U	88 U	150 U
Anthracene	ug/kg	960	960	970 U	210 U	88 U	190
Fluorene	ug/kg	540	540	970 U	210 U	88 U	86 J
LPAH	ug/kg	5,200	5,200	3,040 J	220	706 J	1,506 J
Naphthalene	ug/kg	2,100	2,100	840 J	210 U	66 J	130 J
Phenanthrene	ug/kg	1,500	1,500	2,200	220	640	1,100
HPAH							
Benzo(A)anthracene	ug/kg	1,300	1,600	570 J	230	440	720
Benzo(A)pyrene	ug/kg	1,600	1,600	780 J	260	670	1,000
Benzo(G,H,I)perylene	ug/kg	670	720	890 J	200 J	290	440
Benzofluoranthenes, Total	ug/kg	3,200	3,600	1,700	510	1,400	3,000
Chrysene	ug/kg	1,400	2,800	1,800	410	1,400	1,300
Dibenzo(A,H)anthracene	ug/kg	230	230	970 ∪	210 U	70 J	120 J
Fluoranthene	ug/kg	1,700	2,500	2,800	540	1,400	2,600
НРАН	ug/kg	1,200	17,000	11,840 J	2,820 J	6,750 J	10,940 J
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	500 J	160 J	170	360
Pyrene	ug/kg	2,600	3,300	2,800	510	910	1,400
Phthalates							
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	61,000 B	5,700 B	11,000	12,000
Butylbenzylphthalate	ug/kg	63	900	5,900	1,500	2,200	4,600
Diethylphthalate	ug/kg	200	1,200	970 U	210 U	88 U	150 U
Dimethylphthalate	ug/kg	71	160	1,400	370	510	1,100
Di-N-Butylphthalate	ug/kg	1,400	1,400	1,600	230	670	2,200
Di-N-Octylphthalate	ug/kg	6,200		970 U	210 U	920	970
PCBs				000 11	00.11	40.11	
Aroclor 1016	ug/kg			330 U	20 U	40 U	66 U
Aroclor 1221	ug/kg			330 U	20 U	40 U	66 U
Aroclor 1232	ug/kg			330 U	20 U	40 U	66 U
Aroclor 1242	ug/kg			5,100	20 U	40 U	66 U
Aroclor 1248	ug/kg			330 U	360	570	1,800
Aroclor 1254	ug/kg			2,300	380	1,100	2,200
Aroclor 1260	ug/kg	100	4 000	830 J	120	260	570
Total PCBs	ug/kg	130	1,000	8,230 J	860	1,930	4,570

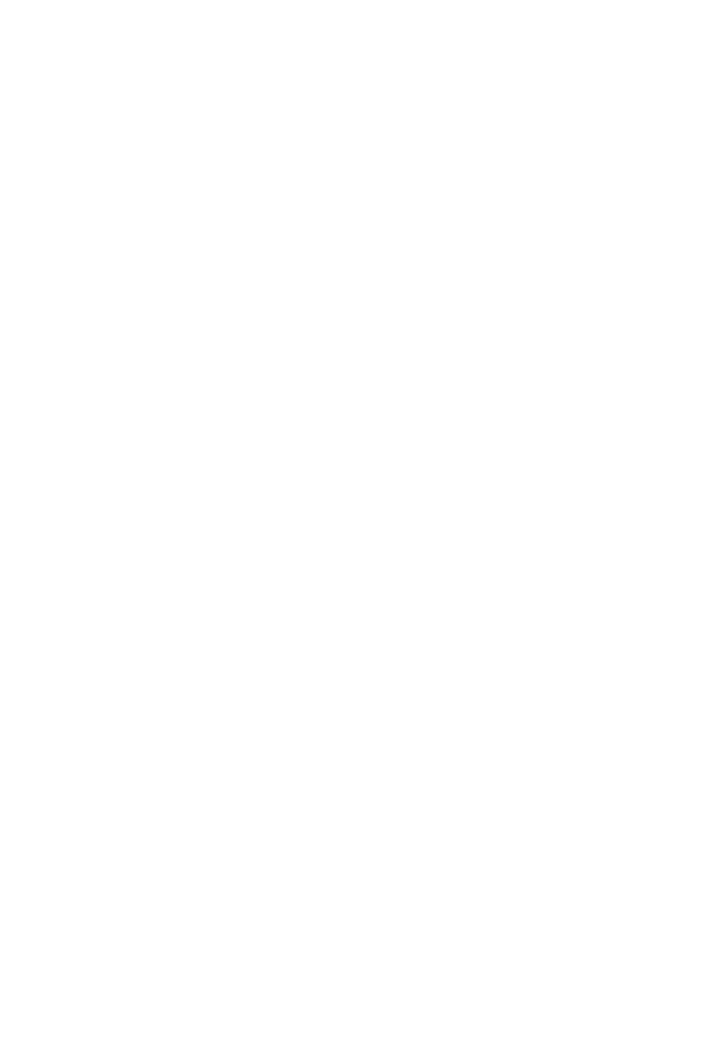


Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SYS_SAMPLE_CODE

SYS_LOC_CODE				CB149	CB157	CB157	CB163	CB207	CB211	CB212	MH100B	MH101	MH101	MH110	MH111
SAMPLE_DATE				5/27/2009	5/11/2010	5/11/2010	8/18/2010	6/3/2009	4/29/2011	4/29/2011	9/12/2008	9/12/2008	11/4/2011	12/3/2009	12/3/2009
Outfall				S Garden St	S Myrtle St	S Myrtle St	S Brighton St	S Garden St	S Myrtle St	S Myrtle St	S Myrtle St	S Brighton St	S Brighton St	S Brighton St	S Brighton St
LOC_TYPE_2				СВ	СВ	СВ	СВ	СВ	СВ	СВ	Inline	Inline	Inline	Inline	Inline
SAMPLE_METHOD				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
X_COORD				1,272,550.12	1,271,807.16	1,271,807.16	1,271,521.96	1,271,665.51	1,272,291.49	1,272,304.18	1,271,369.99	1,271,076.59	1,271,076.59	1,271,441.06	1,271,076.59
Y_COORD		SQS	CSL	199,860.95	200,278.86	200,278.86	201,024.93	199,903.78	200,283.84	200,184.21	200,335.70	201,126.61	201,126.61	201,405.07	201,126.61
TASK_TYPE		LAET	2LAET	CurrentPhase	CurrentPhase	CurrentPhase	CurrentPhase	Cleaned	CurrentPhase	CurrentPhase	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned
Other Organic Compounds															
1,2,4-Trichlorobenzene	ug/kg	31	51	58 U	220 U	250 U	550 U	740 U	57 ∪	57 UJ	190 U	110 U	18 U	66 U	96 U
1,2-Dichlorobenzene	ug/kg	35	50	58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	56 J	54 J
1,3-Dichlorobenzene	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
1,4-Dichlorobenzene	ug/kg	110	110	58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	82 J	18 U	260	110
1-Methylnaphthalene	ug/kg			50.11	000 11	050.11	550 U	740.11	1,400	37 J	400.11	440.11	18 U	35 J	98
2,2'-Oxybis(1-chloropropane)	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
2,4,5-Trichlorophenol	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 UJ	280 UJ	940 U	540 U	92 U	330 U	480 U
2,4,6-Trichlorophenol	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 UJ	280 UJ	940 U	540 U	92 U	330 U	480 U
2,4-Dichlorophenol 2,4-Dimethylphenol	ug/kg	29		290 U 58 U	1,100 U 220 U	1,200 U 250 U	2,800 U 550 U	3,700 U 740 U	290 UJ 57 UJ	280 UJ 57 UJ	940 U 190 U	540 U	180 U 37 U	330 U 66 U	480 U 96 U
2,4-Dinitrophenol	ug/kg ug/kg	23		58 U	2,200 U	2,500 U	5,500 U	7,400 U	610 UJ	600 UJ	1,900 U	1,100 U	780 U	660 UJ	960 U
2,4-Dinitrophenol	ug/kg ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	92 U	330 U	480 U
2,6-Dinitrotoluene	ug/kg ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	92 U	330 U	480 U
2-Chloronaphthalene	ug/kg ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
2-Chlorophenol	ug/kg ug/kg			58 U	220 U	250 U	550 U	740 U	57 UJ	57 UJ	190 U	110 U	18 U	66 U	96 U
2-Methylnaphthalene	ug/kg	670	670	58 U	150 J	250	550 U	740 U	2,000	65 J	190 U	110 U	18 U	46 J	60 J
2-Methylphenol	ug/kg	63	63	58 U	220 U	250 U	550 U	740 U	57 UJ	57 UJ	190 U	110 U	18 U	66 U	96 U
2-Nitroaniline	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	92 U	330 U	480 U
2-Nitrophenol	ug/kg			290 U	220 U	250 U	550 U	3,700 U	290 UJ	280 UJ	940 U	540 U	92 U	330 U	480 U
3,3`-Dichlorobenzidine	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	140 U	330 U	480 U
3-Nitroaniline	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	92 U	330 U	480 U
4,6-Dinitro-2-Methylphenol	ug/kg			580 U	2,200 U	2,500 U	5,500 U	7,400 U	570 UJ	570 UJ	1,900 U	1,100 U	180 U	660 U	960 U
4-Bromophenyl phenyl ether	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
4-Chloro-3-Methylphenol	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	92 U	330 U	480 U
4-Chloroaniline	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	250 U	330 U	480 U
4-Chlorophenyl Phenylether	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
4-Methylphenol	ug/kg	670	670	58 U	330	7,800	1,400	740 U	1,400 J	6,500 J	190 U	110 U	16 J	66 U	96 U
4-Nitroaniline	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 U	280 UJ	940 U	540 U	92 U	330 U	480 U
4-Nitrophenol	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 UJ	280 UJ	940 U	540 U	92 U	330 U	480 U
Benzoic acid	ug/kg	650	650	580 U	870 J	1,100 J	5,500 ∪	7,400 U	1,400 J	130 J	1,900 ∪	1,100 U	150 J	660 U	960 ∪
Benzyl alcohol	ug/kg	57	73	58 U	220 U	250 ∪	550 ∪	740 U	57 UJ	57 UJ	190 ∪	110 U	18 U	66 U	96 U
bis(2-Chloroethoxy) methane	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
Bis-(2-chloroethyl) ether	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
Carbazole	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	68 J	190 U	86 J	18 UJ	66 U	96 U
Dibenzofuran	ug/kg	540	540	58 U	220 U	250 U	550 ∪	740 U	57 U	57 UJ	190 U	110 U	18 U	62 J	250
Hexachlorobenzene	ug/kg	22	70	58 U	220 U	250 U	550 ∪	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
Hexachlorobutadiene	ug/kg	11	120	58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	92 U	66 U	96 U
Hexachlorocyclopentadiene	ug/kg			290 U	1,100 U	1,200 U	2,800 UJ	3,700 U	290 U	280 UJ	940 U	540 U	370 U	330 UJ	480 U
Hexachloroethane	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
Isophorone	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
Nitrobenzene	ug/kg			58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
N-Nitroso-Di-N-Propylamine	ug/kg			290 U	1,100 U	1,200 U	2,800 U	3,700 U	57 U	57 UJ	940 U	540 U	18 U	330 U	480 U
N-Nitrosodiphenylamine	ug/kg	28	40	58 U	220 U	250 U	550 U	740 U	57 U	57 UJ	190 U	110 U	18 U	66 U	96 U
Pentachlorophenol	ug/kg	360	690	290 U	1,100 U	1,200 U	2,800 U	3,700 U	290 UJ	280 UJ	940 U	540 U	180 U	330 U	480 U
Phenol	ug/kg 42	U 12	200	58 U	420	1300	550 U	740 U	340 J	420 J	190 U	110 U	11 J	66 U	96 U

CB149-052709 CB157F-051110 CB157S-051110 CB163-081810 CB207-060309 CB211-042911 CB212-042911 MH100-091208 MH101-091208 MH101-110411 MH110-120309 MH111-120309

Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SYS_SAMPLE_CODE			N	ИН204-011509-G	MH205-011509-G	MH205-072512	MH222-052109	MH222-080312	MH223-052109	MH224-052109	MH225-052109	MH226-052609	MH226-080312	MH227-052609	MH240-060309
SYS LOC CODE			.,	MH204	MH205	MH205	MH222	MH222	MH223	MH224	MH225	MH226	MH226	MH227	MH240
SAMPLE_DATE				1/15/2009	1/15/2009	7/25/2012	5/21/2009	8/3/2012	5/21/2009	5/21/2009	5/21/2009	5/26/2009	8/3/2012	5/26/2009	6/3/2009
Outfall				S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Brighton St	S Garden St
LOC_TYPE_2				Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline	Inline
SAMPLE_METHOD				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
X_COORD				1,271,933.58	1,271,076.59	1,271,076.59	1,270,365.94	1,270,365.94	1,270,726.75	1,271,124.35	1,271,354.93	1,271,510.10	1,271,510.10	1,270,726.75	1,271,720.20
Y_COORD		SQS	CSL	201,802.91	201,126.61	201,126.61	201,142.99	201,142.99	201,133.36	201,125.32	200,875.87	201,104.92	201,104.92	201,133.36	199,909.20
TASK_TYPE			2LAET	CurrentPhase	Cleaned	CurrentPhase	Cleaned	CurrentPhase	Cleaned	Cleaned	Cleaned	Cleaned	CurrentPhase	Cleaned	Cleaned
TAGIC_TTTL			ZLALI	Currenti nase	Oleaned	Ourienti nase	Oleaneu	Ourienti nase	Oleaneu	Oleaned	Oleaned	Oleaned	Ourienti nase	Oleaned	Oleaned
Other Organic Compounds															
1,2,4-Trichlorobenzene ug/	/kg	31	51	40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 ∪
1,2-Dichlorobenzene ug/	/kg	35	50	40 U	33 J	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 ∪
1,3-Dichlorobenzene ug/	/kg			40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
1,4-Dichlorobenzene ug/	/kg	110	110	40 U	29 J	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 ∪
1-Methylnaphthalene ug/	/kg					18 U		19 U			· ·	<u> </u>	54 U		
2,2'-Oxybis(1-chloropropane) ug/	/kg			40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
2,4,5-Trichlorophenol ug/	/kg			200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
2,4,6-Trichlorophenol ug/	/kg			200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
2,4-Dichlorophenol ug/	/kg			200 U	200 U	180 U	99 U	190 U	290 U	290 U	830 U	970 U	540 U	340 U	13,000 U
2,4-Dimethylphenol ug/		29		40 U	39 U	36 U	20 U	38 U	58 U	58 U	170 U	190 U	110 U	68 U	2,700 U
2,4-Dinitrophenol ug/	⁄kg			400 U	390 U	760 U	200 U	810 U	580 U	580 U	1,700 U	1,900 U	2,300 U	680 U	27,000 U
2,4-Dinitrotoluene ug/	⁄kg			200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
2,6-Dinitrotoluene ug/	/kg			200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
2-Chloronaphthalene ug/	⁄kg			40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
2-Chlorophenol ug/	⁄kg			40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
2-Methylnaphthalene ug/	⁄kg	670	670	28 J	20 J	18 U	41	19 U	58 U	58 U	170 U	190 U	54 U	68 U	13,000
2-Methylphenol ug/		63	63	40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 ∪	190 U	54 U	68 U	2,700 ∪
2-Nitroaniline ug/				200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
2-Nitrophenol ug/				200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
3,3`-Dichlorobenzidine ug/				200 U	200 U	140 UJ	99 U	140 UJ	290 U	290 U	830 U	970 U	400 UJ	340 U	13,000 U
3-Nitroaniline ug/				200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
4,6-Dinitro-2-Methylphenol ug/				400 U	390 U	180 U	200 U	190 U	580 U	580 U	1,700 U	1,900 U	540 U	680 U	27,000 U
4-Bromophenyl phenyl ether ug/				40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
4-Chloro-3-Methylphenol ug/				200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
4-Chloroaniline ug/				200 U	200 U	240 U	99 U	260 U	290 U	290 U	830 U	970 U	730 U	340 U	13,000 U
4-Chlorophenyl Phenylether ug/				40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
4-Methylphenol ug/		670	670	40 U	39 U	16 J	20 U	38 U	58 U	58 U	170 U	190 U	43 J	68 U	2,700 ∪
4-Nitroaniline ug/				200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
4-Nitrophenol ug/				200 U	200 U	90 U	99 U	95 U	290 U	290 U	830 U	970 U	270 U	340 U	13,000 U
Benzoic acid ug/		650	650	400 U	390 U	360 U	200 U	380 U	580 U	580 U	1,700 U	1,900 U	1,100 U	680 U	27,000 U
Benzyl alcohol ug/		57	73	40 U	110	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
bis(2-Chloroethoxy) methane ug/				40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
Bis-(2-chloroethyl) ether ug/				40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
Carbazole ug/		F.40	F 40	160	85	18 U	350	19 U	93	58 U	170 U	110 J	97	150	1,500 J
Dibenzofuran ug/		540	540	34 J	36 J	18 U	53	19 U	58 U	58 U	170 U	190 U	32 J	49 J	2,700 U
Hexachlorobenzene ug/		22	70	40 U	39 U	18 U	20 U	19 UJ	58 U	58 U	170 U	190 U	54 UJ	68 U	2,700 U
Hexachlorobutadiene ug/		11	120	40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
Hexachlorocyclopentadiene ug/				200 U	200 U	360 U	99 U	380 U	290 U	290 U	830 U	970 U	1,100 U	340 U	13,000 U
Hexachloroethane ug/				40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
Isophorone ug/				20 J	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
Nitrobenzene ug/				40 U	39 U	18 U	20 U	19 U	58 U	58 U	170 U	190 U	54 U	68 U	2,700 U
N-Nitroso-Di-N-Propylamine ug/		00	40	200 U	200 U	18 U	99 U	19 U	290 U	290 U	830 U	970 U	54 U	340 U	13,000 U
N-Nitrosodiphenylamine ug/		28	40	40 U	39 U	18 U	20 U	19 U	36 J	58 U	660 Y	190 U	54 U	68 U	2,700 U
Pentachlorophenol ug/	ka	360	690	200 U	200 U	180 UJ	99 U	190 U	290 U	290 U	830 U	970 ∪	540 U	340 U	13,000 U
	/kg 420	120		41	28 J	18 U	20 U	19 U	58 U	58 U	170 U	190 U	35 J	68 U	2700 U

Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SYS_SAMPLE_CODE				RCB146-091208	RCB147-091208	RCB148-091208	RCB169-042909	RCB176-120309	RCB177-120309	RCB178-120309	RCB179-120309	RCB180-120309	RCB189F-051110	RCB211-052609	RCB212-052609
SYS_LOC_CODE				RCB146	RCB147	RCB148	RCB169	RCB176	RCB177	RCB178	RCB179	RCB180	RCB189	RCB211	RCB212
SAMPLE_DATE				9/12/2008	9/12/2008	9/12/2008	4/29/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	12/3/2009	5/11/2010	5/26/2009	5/26/2009
Outfall				S Garden St	S Myrtle St	S Myrtle St	S Brighton St	S Myrtle St	S Brighton St	S Brighton St	S Brighton St	S Myrtle St	S Myrtle St	S Brighton St	S Brighton St
LOC_TYPE_2				RCB	RCB	RCB	RCB	RCB	RCB	RCB	RCB	RCB	RCB	RCB	RCB
SAMPLE_METHOD				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
X_COORD				1,271,998.90	1,271,950.01	1,271,988.00	1,270,365.94	1,271,851.00	1,271,650.14	1,271,635.85	1,271,429.01	1,271,371.50	1,271,798.63	1,271,216.50	1,271,216.50
Y_COORD		SQS	CSL	199,825.90	200,077.62	200,315.80	201,142.99	200,349.40	200,598.63	200,532.89	200,757.81	200,386.30	200,322.09	201,039.12	201,039.12
TASK_TYPE		LAET	2LAET	Cleaned	CurrentPhase	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	CurrentPhase	Cleaned	Cleaned
Other Organic Compounds															
1,2,4-Trichlorobenzene	ug/kg	31	51	140 U	590 U	260 U		230 ∪	170 ∪	220 U	260 U	100 U	330 U	310 U	380 U
1,2-Dichlorobenzene	ug/kg	35	50	720 U	590 U	260 U		230 ∪	170 ∪	220 U	260 U	100 U	330 U	3,100 ∪	3,800 U
1,3-Dichlorobenzene	ug/kg			1,400 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	1,500 U	1,900 U
1,4-Dichlorobenzene	ug/kg	110	110	140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 ∪	380 U
1-Methylnaphthalene	ug/kg							150 J	170 U	220 U	140 J	100 J	630		
2,2'-Oxybis(1-chloropropane)	ug/kg			720 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	1,500 U	1,900 U
2,4,5-Trichlorophenol	ug/kg			720 U	2,900 U	780 J		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	310 U	380 U
2,4,6-Trichlorophenol	ug/kg			140 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	310 U	380 U
2,4-Dichlorophenol	ug/kg			720 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	1,500 U	1,900 U
2,4-Dimethylphenol	ug/kg	29		140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 U	380 U
2,4-Dinitrophenol	ug/kg			140 U	5,900 U	2,600 U		2,300 U	1,700 U	2,200 U	2,600 U	1,000 U	3,300 U	1,500 U	1,900 U
2,4-Dinitrotoluene	ug/kg			720 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	1,500 U	1,900 U
2.6-Dinitrotoluene	ug/kg			720 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	1,500 U	1,900 U
2-Chloronaphthalene	ug/kg			720 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	1,500 U	1,900 U
2-Chlorophenol	ug/kg			720 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	3,100 U	3,800 U
2-Methylnaphthalene	ug/kg	670	670	130 J	3,600	1,900		280	140 J	120 J	210 J	130	980	220 J	500
2-Methylphenol	ug/kg	63	63	140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 U	380 U
2-Nitroaniline	ug/kg		00	1,400 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	310 U	380 U
2-Nitrophenol	ug/kg			140 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	330 U	1,500 U	1,900 U
3,3`-Dichlorobenzidine	ug/kg			720 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	310 U	380 U
3-Nitroaniline	ug/kg			140 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	1,500 U	1,900 U
4,6-Dinitro-2-Methylphenol	ug/kg			720 U	5,900 U	2,600 U		2,300 U	1,700 U	2,200 U	2,600 U	1,000 U	3,300 U	1,500 U	1,900 U
4-Bromophenyl phenyl ether	ug/kg			720 U	590 U	260 U		230 U	1,700 U	220 U	260 U	1,000 U	330 U	310 U	380 U
4-Chloro-3-Methylphenol	ug/kg			720 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	1,500 U	1,900 U
4-Chloroaniline	ug/kg			140 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	310 U	380 U
4-Chlorophenyl Phenylether	ug/kg			140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	1,500 U	1,900 U
4-Methylphenol	ug/kg	670	670	140 U	18,000	2,600		460	290	15,000	630	160	330 U	310 U	540
4-Nitroaniline	ug/kg	070	070	720 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	310 U	380 U
				140 U											
4-Nitrophenol Benzoic acid	ug/kg	650	650	1,400 U	2,900 U 5,900 U	1,300 U 2,600 U		1,100 U 2,300 U	870 U 1,700 U	1,100 U 3,000	1,300 U 640 J	530 U 1,000 U	1,600 U 3,300 U	1,500 U 3,100 U	1,900 U
Benzyl alcohol	ug/kg	57	73			2,600 U				3,000 220 U	260 U	1,000 U	440	3,100 U 310 U	3,800 U 380 U
bis(2-Chloroethoxy) methane	ug/kg	31	13	140 U 720 U	590 ∪ 590 ∪	260 U		230 U 230 U	690 170 U	220 U	260 U	100 U	330 U	310 U	160 U
Bis-(2-chloroethyl) ether	ug/kg			590 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	380 U	160 U
	ug/kg				590 U										
Carbazole Dibenzofuran	ug/kg	E40	540	140 140 U		310 260 U		230 U	170 U 170 U	220 U 220 U	260 U	100 U 190	190 J 330 U	310 U	380 U
	ug/kg	540 22			590 U			180 J		220 U	260 U 260 U		330 U 330 U	310 U	380 U
Hexachlorobenzene	ug/kg		70	140 U	590 U	260 U		230 U	170 U			100 U		310 U	380 U
Hexachlorobutadiene	ug/kg	11	120	140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 U	380 U
Hexachlorocyclopentadiene	ug/kg			590 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	380 U	160 U
Hexachloroethane	ug/kg			140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 U	380 U
Isophorone	ug/kg			140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 U	380 U
Nitrobenzene	ug/kg			590 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	1,900 U	790 U
N-Nitroso-Di-N-Propylamine	ug/kg			2,900 U	2,900 U	1,300 U		1,100 U	870 U	1,100 U	1,300 U	530 U	1,600 U	1,900 U	790 U
N-Nitrosodiphenylamine	ug/kg	28	40	140 U	590 U	260 U		230 U	170 U	220 U	260 U	100 U	330 U	310 U	380 U
Pentachlorophenol	ug/kg	360	690	720 U	2,900 ∪	1,300 U		1,100 U	870 ∪	1,100 U	1,300 U	530 U	1,600 U	1,500 U	1,900 ∪
Phenol	ug/kg 420	12	200	180 U	850 U	890 U		230 U	170 U	180 J	260 U	55 J	330 U	310 U	380 U
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Table D-3: Results for samples collected in the vicinity of Seattle Iron and Metals Corporation and S Myrtle St.

SYS_SAMPLE_CODE			RCB225-020211	RCB226-020211	RD1-051110	RD2-051110
SYS_LOC_CODE			RCB225	RCB226	RD1	RD2
SAMPLE_DATE			2/2/2011	2/2/2011	5/11/2010	5/11/2010
Outfall			S Myrtle St	S Myrtle St	S Garden St	S Myrtle St
LOC_TYPE_2			RCB	RCB	СВ	СВ
SAMPLE_METHOD			Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
X_COORD			1,271,990.00	1,271,798.63	1,271,911.33	1,271,321.66
Y_COORD	SQS	CSL	200,350.43	200,322.09	200,257.34	200,278.32
TASK_TYPE	LAET	2LAET	CurrentPhase	CurrentPhase	Cleaned	Cleaned

TASK_TYPE		LAET	2LAE I	CurrentPhase	CurrentPhase	Cleaned	Cleaned
Other Organic Company							
Other Organic Compounds 1,2,4-Trichlorobenzene	//	31	51	070 11	040 III	00 III	450 II
1,2,4-Thichlorobenzene	ug/kg	35	50	970 U 970 U	210 ∪ 210 ∪	88 U 88 U	150 ∪ 150 ∪
1,3-Dichlorobenzene	ug/kg ug/kg	35	30	970 U	210 U	88 U	150 U
1,4-Dichlorobenzene	ug/kg ug/kg	110	110	970 U	210 U	88 U	150 U
1-Methylnaphthalene	ug/kg ug/kg	110	110	1,000	210 U	88 0	130
2,2'-Oxybis(1-chloropropane)	ug/kg			970 U	210 U	88 U	150 U
2,4,5-Trichlorophenol	ug/kg			4,800 U	1,100 U	440 U	730 U
2,4,6-Trichlorophenol	ug/kg			4,800 U	1,100 U	440 U	730 U
2,4-Dichlorophenol	ug/kg			4,800 U	1,100 U	440 U	730 U
2,4-Dimethylphenol	ug/kg	29		970 U	210 U	88 U	150 U
2,4-Dinitrophenol	ug/kg			9,700 U	2,100 U	880 U	1,500 U
2,4-Dinitrotoluene	ug/kg			4,800 U	1,100 U	440 U	730 U
2,6-Dinitrotoluene	ug/kg			4,800 U	1,100 U	440 U	730 U
2-Chloronaphthalene	ug/kg			970 U	210 U	88 U	150 U
2-Chlorophenol	ug/kg			970 U	210 U	88 U	150 U
2-Methylnaphthalene	ug/kg	670	670	2,000	120 J	64 J	170
2-Methylphenol	ug/kg	63	63	970 ∪	210 ∪	88 U	150 U
2-Nitroaniline	ug/kg			4,800 U	1,100 U	440 U	730 U
2-Nitrophenol	ug/kg			970 U	210 U	88 U	150 U
3,3`-Dichlorobenzidine	ug/kg			4,800 U	1,100 U	440 U	730 U
3-Nitroaniline	ug/kg			4,800 U	1,100 U	440 U	730 U
4,6-Dinitro-2-Methylphenol	ug/kg			9,700 U	2,100 U	880 U	1,500 U
4-Bromophenyl phenyl ether	ug/kg			970 U	210 U	88 U	150 U
4-Chloro-3-Methylphenol	ug/kg			4,800 U	1,100 U	440 U	730 U
4-Chloroaniline	ug/kg			4,800 U	1,100 U	440 U	730 U
4-Chlorophenyl Phenylether	ug/kg			970 U	210 U	88 U	150 U
4-Methylphenol	ug/kg	670	670	5,000	1,700	88 U	150 U
4-Nitroaniline	ug/kg			4,800 U	1,100 U	440 U	730 U
4-Nitrophenol	ug/kg	050	050	4,800 U	1,100 U	440 U	730 U
Benzoic acid	ug/kg	650	650	6,500 J	510 J	590 J	1,500 U
Benzyl alcohol	ug/kg	57	73	4,800 U	1,100 U	88 U	150 U
bis(2-Chloroethoxy) methane Bis-(2-chloroethyl) ether	ug/kg			970 U 970 U	210 U 210 U	88 U 88 U	150 U 150 U
Carbazole	ug/kg ug/kg			970 U	210 U	120	200
Dibenzofuran	ug/kg ug/kg	540	540	970 U	210 U	88 U	150 U
Hexachlorobenzene	ug/kg ug/kg	22	70	970 U	210 U	88 U	150 U
Hexachlorobutadiene	ug/kg ug/kg	11	120	970 U	210 U	88 U	150 U
Hexachlorocyclopentadiene	ug/kg ug/kg		120	4,800 U	1,100 U	440 U	730 U
Hexachloroethane	ug/kg			970 U	210 U	88 U	150 U
Isophorone	ug/kg			970 U	210 U	88 U	150 U
Nitrobenzene	ug/kg			970 U	210 U	88 U	150 U
N-Nitroso-Di-N-Propylamine	ug/kg			970 U	210 U	440 U	730 U
N-Nitrosodiphenylamine	ug/kg	28	40	970 U	210 U	88 U	150 U
Pentachlorophenol	ug/kg	360	690	4,800 U	340 J	440 U	730 ∪
Phenol	ug/kg	420 1	200	870 J	130 J		20



Table D-4: Results from samples collected at Marine Lumber site.

·	-														
Sample Number									ML2-092412-12						
Station ID				CB137	ML1	ML1	ML1	ML2	ML2	ML2	ML3	ML3	ML3	ML4	ML4
Date				3/27/2009	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012
Sample Type				Street dirt	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,271,264.87	1,271,259.86	1,271,259.86	1,271,259.86	1,271,281.17	1,271,281.17	1,271,281.17	1,271,280.96	1,271,280.96	1,271,280.96	1,271,231.21	1,271,231.21
Ycoord		SQS	CSL	197,433.98	197,408.26	197,408.26	197,408.26	197,401.64	197,401.64	197,401.64	197,397.56	197,397.56	197,397.56	197,399.18	197,399.18
Cleaned		LAET	2LAET	Pre-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup
							·			·				· ·	
Solids, Total	%			75.6											
Total Organic Carbon	%			4.03											
Metals															
Arsenic	mg/kg	57	93	710 J	930	980	334	220	30	40	78	60	50	210	40
Copper	mg/kg	390	390	4,930 J	3,680	938	396	817	300	99	400	291	224	587	133
Lead	mg/kg	450	530	118 J											
Mercury	mg/kg	0.41	0.59	0.22 J											
Zinc	mg/kg	410	960	1,950 J	1,320	740	1,770	382	328	133	220	417	339	355	104
Total Petroleum Hydrocarbons															
Diesel Range Hydrocarbons	mg/kg	2,000	2,000	640											
Motor Oil Range	mg/kg	2,000	2,000	4,900											
LPAH															
Acenaphthene	ug/kg	500	500	140 U											
Acenaphthylene	ug/kg	1,300	1,300	140 U											
Anthracene	ug/kg	960	960	140 U											
Fluorene	ug/kg	540	540	140 U											
LPAH	ug/kg	5,200	5,200	130 J											
Naphthalene	ug/kg	2,100	2,100	140 U											
Phenanthrene	ug/kg	1,500	1,500	130 J											
HPAH		.,000	.,000												
Benzo(A)anthracene	ug/kg	1,300	1,600	140 U											
Benzo(A)pyrene	ug/kg	1,600	1,600	140 U											
Benzo(G,H,I)perylene	ug/kg	670	720	110 J											
Benzofluoranthenes, Total	ug/kg	3,200	3,600	280 J											
Chrysene	ug/kg	1,400	2,800	220											
Dibenzo(A,H)anthracene	ug/kg	230	230	140 U											
Fluoranthene	ug/kg	1,700	2,500	280											
HPAH	ug/kg	12,000	17,000	1,140 J											
Indeno(1,2,3-Cd)pyrene		600	690	1,140 U											
· · · · · · · · · · · · · · · · · · ·	ug/kg														
Pyrene Phthalates	ug/kg	2,600	3,300	250											
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	1,900											
Butylbenzylphthalate	ug/kg	63	900	140											
Diethylphthalate	ug/kg														
Dietnylphthalate Dimethylphthalate	ug/kg		1,200 160	140 U 140 U											
Di-N-Butylphthalate	ug/kg		1,400	140 U											
	ug/kg	1,400	1,400	140 U											
Di-N-Octylphthalate PCBs	ug/kg	6,200		13U J											
				00.11											
Aroclor 1016	ug/kg			20 U											
Aroclor 1221	ug/kg			20 U											
Aroclor 1232	ug/kg			20 U											
Aroclor 1242	ug/kg			20 U											
Aroclor 1248	ug/kg			20 U											
Aroclor 1254	ug/kg			32											
Aroclor 1260	ug/kg			20 U											
Total PCBs	ug/kg	130	1,000	32											
Other Organic Compounds															
1,2,4-Trichlorobenzene	ug/kg	31	51	140 U											
1,2-Dichlorobenzene	ug/kg	35	50	140 U											
1,3-Dichlorobenzene	ug/kg			140 U											

MarineLumber_data.xlsx Table D-4: 1

Table D-4: Results from samples collected at Marine Lumber site.

Sample Number				ML4-092412-24	ML5-092412-0	ML5-092412-12	ML5-092412-24	ML6-092412-36 F	RCB159-052011-0	RCB159-052011-12 R	CR159-052011-3	RCB159-120508	RCR273-052011-0
Station ID				ML4	ML5	ML5	ML5	ML6	RCB159	RCB159	RCB159	RCB159	RCB273
				9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	5/20/2011	5/20/2011		12/5/2008	5/20/2011
Date Sample Type				9/24/2012 Soil	9/24/2012 Soil	9/24/2012 Soil	9/24/2012 Soil	9/24/2012 Soil	5/20/2011 Soil	5/20/2011 Soil	5/20/2011 Soil	12/5/2008 Soil	5/20/2011 Soil
Sample Type Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
-													
Xcoord		202	CCI	1,271,231.21	1,271,184.33	1,271,184.33	1,271,184.33	1,271,263.36	1,271,277.96	1,271,277.96	1,271,277.96	1,271,277.96	1,271,227.41
Ycoord		SQS	CSL	197,399.18	197,405.49	197,405.49	197,405.49	197,403.04	197,401.60	197,401.60	197,401.60	197,401.60	197,403.95
Cleaned		LAET	2LAET	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Pre-cleanup	Pre-cleanup	Pre-cleanup	Pre-cleanup	Post-cleanup
Solids, Total	%								59	74.4	62.3	61.2	66.7
Total Organic Carbon	%								11.9	2.33	9.24	8.55	6.011666667
Metals													
Arsenic	mg/kg	57	93	9	40	10	8		474	260	950	750	205
Copper	mg/kg	390	390	25	161	53	18		3,240	2,110	8,370	4,520	404
Lead	mg/kg	450	530						176	20	105	280	59
Mercury	mg/kg	0.41	0.59						0.27	0.13	0.26	0.27	0.19
Zinc	mg/kg	410	960	55	354	89	53		825	594	1,660	1,490	458
Total Petroleum Hydrocarbons													
Diesel Range Hydrocarbons	mg/kg	2,000	2,000					5 U	220	63 U	230	440	69 U
Motor Oil Range	mg/kg	2,000	2,000					10 U	1,500	420	1,900	3,000	445
LPAH											_	·	
Acenaphthene	ug/kg	500	500						98 U	99 U	190 U	190 U	94 U
Acenaphthylene	ug/kg	1,300	1,300						98 U	99 U	190 U	190 U	94 U
Anthracene	ug/kg	960	960						98 U	99 U	190 U	190 U	94 U
Fluorene	ug/kg	540	540						98 U	99 U	190 U	190 U	94 U
LPAH	ug/kg	5,200	5,200						98	99 U	190 U	190	94 U
Naphthalene	ug/kg	2,100	2,100						98 U	99 U	190 U	190 U	94 U
Phenanthrene	ug/kg	1,500	1,500						98	99 U	190 U	190 U	94 U
НРАН													
Benzo(A)anthracene	ug/kg	1,300	1,600						59 J	99 U	190 U	190 U	94 U
Benzo(A)pyrene	ug/kg	1,600	1,600						78 J	99 U	96 J	190 U	94 U
Benzo(G,H,I)perylene	ug/kg	670	720						140	99 U	210	190 U	80 J
Benzofluoranthenes, Total	ug/kg	3,200	3,600						250	74 J	370	300	99
Chrysene	ug/kg	1,400	2,800						210	64 J	290	280	76 J
Dibenzo(A,H)anthracene	ug/kg	230	230						98 U	99 U	190 U	190 U	94 U
Fluoranthene	ug/kg	1,700	2,500						160	99 U	150 J	190	61 J
HPAH	ug/kg	12,000	17,000						1,067 J	138 J	1,362 J	770	370 J
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690						98 U	99 U	96 J	190 U	94 U
Pyrene	ug/kg	2,600	3,300						170	99 U	150 J	190 U	71 J
Phthalates													
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900						990 B	240 B	1,200 B	710	300 B
Butylbenzylphthalate	ug/kg	63	900						83 J	99 U	190 U	190 U	94 U
Diethylphthalate	ug/kg	200	1,200						98 U	99 U	190 U	190 U	94 U
Dimethylphthalate	ug/kg	71	160						98 U	99 U	190 U	190 U	94 U
Di-N-Butylphthalate	ug/kg	1,400	1,400						98 U	99 U	190 U	190 U	94 U
Di-N-Octylphthalate	ug/kg	6,200							98 U	99 U	190 U	190 U	94 U
PCBs													
Aroclor 1016	ug/kg								20 U	18 U	20 U	59 U	20 U
Aroclor 1221	ug/kg								20 U	18 U	20 U	59 U	20 U
Aroclor 1232	ug/kg								20 U	18 U	20 U	59 U	20 U
Aroclor 1242	ug/kg								20 U	18 U	20 U	59 U	20 U
Aroclor 1248	ug/kg								49 Y	18 U	30 Y	59 U	69 Y
Aroclor 1254	ug/kg								130	29	77	77	180
Aroclor 1260	ug/kg								41	29	50	68	33
Total PCBs	ug/kg	130	1,000			<u> </u>			171	58	127	145	213
Other Organic Compounds							· · · · · · · · · · · · · · · · · · ·						
1,2,4-Trichlorobenzene	ug/kg	31	51						98 U	99 U	190 U	190 U	94 U
1,2-Dichlorobenzene	ug/kg	35	50						98 U	99 U	190 U	970 ∪	94 U
1,3-Dichlorobenzene	ug/kg								98 U	99 U	190 U	1,900 U	94 U

Table D-4: Results from samples collected at Marine Lumber site.

Sample Number				RCB273-052011-12			RCB275-052011-12	
Station ID				RCB273	RCB273	RCB275	RCB275	RCB275
Date				5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
Sample Type				Soil	Soil	Soil	Soil	Soi
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manua
Xcoord				1,271,227.41	1,271,227.41	1,271,344.59	1,271,344.59	1,271,344.59
Ycoord		SQS	CSL	197,403.95	197,403.95	197,401.87	197,401.87	197,401.87
Cleaned		LAET	2LAET	Post-cleanup	Post-cleanup	Not removed	Not removed	Not removed
Solids, Total	%			91.9	81.1	78.4	91.1	67.3
Total Organic Carbon	%			2.805	5.495	10.1	2.29	11.9
Metals								
Arsenic	mg/kg	57	93	16	245	544	38	430
Copper	mg/kg	390	390	22	219	2,730	419	1,890
Lead	mg/kg	450	530	6	23	1,040	129	995
Mercury	mg/kg	0.41	0.59	0.065	0.115	0.2	0.11	0.17
Zinc	mg/kg	410	960	48	344	938	128	733
Total Petroleum Hydrocarbons								
Diesel Range Hydrocarbons	mg/kg	2,000	2,000	55 U	61 U	510	160	560
Motor Oil Range	mg/kg	2,000	2,000	110 U	185	3,700	610	2,900
LPAH						·		·
Acenaphthene	ug/kg	500	500	18 U	93 U	190 U	98 U	200 U
Acenaphthylene	ug/kg	1,300	1,300	18 U	93 U	190 U	98 U	200 U
Anthracene	ug/kg	960	960	18 U	93 U	190 U	98 U	200 U
Fluorene	ug/kg	540	540	18 U	93 U	190 U	98 U	200 U
LPAH	ug/kg	5,200	5,200	16 J	15 J	100 J	54 J	200 U
Naphthalene	ug/kg	2,100	2,100	18 U	93 U	190 U	98 U	200 U
Phenanthrene	ug/kg	1,500	1,500	19	93 U	100 J	54 J	200 U
НРАН								
Benzo(A)anthracene	ug/kg	1,300	1,600	18 U	93 U	170 J	98 U	200 U
Benzo(A)pyrene	ug/kg	1,600	1,600	18 U	93 U	250	78 J	200
Benzo(G,H,I)perylene	ug/kg	670	720	18 U	93 U	300	78 J	230
Benzofluoranthenes, Total	ug/kg	3,200	3,600	10 J	93 U	670	170	510
Chrysene	ug/kg	1,400	2,800	9 J	93 U	570	88 J	420
Dibenzo(A,H)anthracene	ug/kg	230	230	18 U	93 U	190 U	98 U	200 U
Fluoranthene	ug/kg	1,700	2,500	18 U	93 U	290	93 J	210
HPAH	ug/kg	12,000	17,000	29 J	154 J	2,860 J	666 J	1,890
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	18 U	93 U	150 J	49 J	200 U
Pyrene	ug/kg	2,600	3,300	10 J	93 U	460	110	320
Phthalates								
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	31 B	93 U	2,300 B	98 B	1,700 B
Butylbenzylphthalate	ug/kg	63	900	18 U	93 U	450	98 U	4,900
Diethylphthalate	ug/kg	200	1,200	45 U	93 U	190 U	98 U	200 U
Dimethylphthalate	ug/kg	71	160	18 U	93 U	180 J	98 U	130 J
Di-N-Butylphthalate	ug/kg	1,400	1,400	18 U	93 U	190 U	98 U	200 U
Di-N-Octylphthalate	ug/kg	6,200		18 U	93 U	190 U	98 U	200 U
PCBs								
Aroclor 1016	ug/kg			20 U	19 U	20 U	19 U	20 U
Aroclor 1221	ug/kg			20 U	19 U	20 U	19 U	20 U
Aroclor 1232	ug/kg			20 U	19 U	20 U	19 U	20 U
Aroclor 1242	ug/kg			20 U	19 U	20 U	19 U	20 U
Aroclor 1248	ug/kg			20 U	19 U	75 Y	19 U	49 Y
Aroclor 1254	ug/kg			22	62	210	80	120
	//			20 U	27	70	68	55
Aroclor 1260	ug/kg							
Aroclor 1260 Total PCBs	ug/kg ug/kg	130	1,000	22	89	280	148	175
Aroclor 1260 Total PCBs Other Organic Compounds	ug/kg			22				
Aroclor 1260 Total PCBs Other Organic Compounds 1,2,4-Trichlorobenzene		31	51	22 18 U	93 U	190 U	98 U	200 U
Aroclor 1260 Total PCBs Other Organic Compounds	ug/kg			22				

MarineLumber_data.xlsx Table D-4: 3

Table D-4: Results from samples collected at Marine Lumber site.

Sample Number				CB137-032709	ML1-092412-0	ML1-092412-12	ML1-092412-24	ML2-092412-0	ML2-092412-12	ML2-092412-24	ML3-092412-0	ML3-092412-12	ML3-092412-24	ML4-092412-0	ML4-092412-12
Station ID				CB137	ML1	ML1	ML1	ML2	ML2	ML2	ML3	ML3	ML3	ML4	ML4
Date				3/27/2009	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012
Sample Type				Street dirt	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,271,264.87	1,271,259.86	1,271,259.86	1,271,259.86	1,271,281.17	1,271,281.17	1,271,281.17	1,271,280.96	1,271,280.96	1,271,280.96	1,271,231.21	1,271,231.21
Ycoord		SQS	CSL	197,433.98	197,408.26	197,408.26	197,408.26	197,401.64	197,401.64	197,401.64	197,397.56	197,397.56	197,397.56	197,399.18	197,399.18
Cleaned		LAET	2LAET	Pre-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup
1,4-Dichlorobenzene	ug/kg	110	110	140 U											
1-Methylnaphthalene	ug/kg														
2,2'-Oxybis(1-chloropropane)	ug/kg			140 U											
2,4,5-Trichlorophenol	ug/kg			700 U											
2,4,6-Trichlorophenol	ug/kg			700 U											
2,4-Dichlorophenol	ug/kg			700 U											
2,4-Dimethylphenol	ug/kg	29		140 U											
2,4-Dinitrophenol	ug/kg			1,400 U											
2,4-Dinitrotoluene	ug/kg			700 U											
2,6-Dinitrotoluene	ug/kg			700 U											
2-Chloronaphthalene	ug/kg			140 U											
2-Chlorophenol	ug/kg			140 U											
2-Methylnaphthalene	ug/kg	670	670	140 U											
2-Methylphenol	ug/kg	63	63	140 U											
2-Nitroaniline	ug/kg			700 U											
2-Nitrophenol	ug/kg			700 U											
3,3`-Dichlorobenzidine	ug/kg			700 U											
3-Nitroaniline	ug/kg			700 U											
4,6-Dinitro-2-Methylphenol	ug/kg			1,400 U											
4-Bromophenyl phenyl ether	ug/kg			140 U											
4-Chloro-3-Methylphenol	ug/kg			700 U											
4-Chloroaniline	ug/kg			700 U											
4-Chlorophenyl Phenylether	ug/kg			140 U											
4-Methylphenol	ug/kg	670	670	140 U											
4-Nitroaniline	ug/kg			700 U											
4-Nitrophenol	ug/kg			700 U											
Benzoic acid	ug/kg	650	650	1,000 J											
Benzyl alcohol	ug/kg	57	73	140 ∪											
bis(2-Chloroethoxy) methane	ug/kg			140 U											
Bis-(2-chloroethyl) ether	ug/kg			140 U											
Carbazole	ug/kg			140 U											
Dibenzofuran	ug/kg	540	540	140 U											
Hexachlorobenzene	ug/kg	22	70	140 ∪											
Hexachlorobutadiene	ug/kg	11	120	140 ∪											
Hexachlorocyclopentadiene	ug/kg			700 U											
Hexachloroethane	ug/kg			140 U											
Isophorone	ug/kg			140 U											
Nitrobenzene	ug/kg			140 U											
N-Nitroso-Di-N-Propylamine	ug/kg			700 U											
N-Nitrosodiphenylamine	ug/kg	28	40	140 U											
Pentachlorophenol	ug/kg	360	690	700 U											
Phenol	ug/kg	420	1,200	270											

MarineLumber_data.xlsx Table D-4: 4

Table D-4: Results from samples collected at Marine Lumber site.

Sample Number				ML4-092412-24	ML5-092412-0	ML5-092412-12	ML5-092412-24	ML6-092412-36 F	RCB159-052011-0	RCB159-052011-12 F	RCB159-052011-3	RCB159-120508 F	CB273-052011-0
Station ID				ML4	ML5	ML5	ML5	ML6	RCB159	RCB159	RCB159	RCB159	RCB273
Date				9/24/2012	9/24/2012	9/24/2012	9/24/2012	9/24/2012	5/20/2011	5/20/2011	5/20/2011	12/5/2008	5/20/2011
Sample Type				Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil	Soil
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,271,231.21	1,271,184.33	1,271,184.33	1,271,184.33	1,271,263.36	1,271,277.96	1,271,277.96	1,271,277.96	1,271,277.96	1,271,227.41
Ycoord		SQS	CSL	197,399.18	197,405.49	197,405.49	197,405.49	197,403.04	197,401.60	197,401.60	197,401.60	197,401.60	197,403.95
Cleaned		LAET	2LAET	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Post-cleanup	Pre-cleanup	Pre-cleanup	Pre-cleanup	Pre-cleanup	Post-cleanup
Clearled		LALI	ZLALI	rost-cleanup	F 0St-Cleanup	F 05t-Cleanup	Fost-cleanup	r ost-cleanup	Fre-cleanup	Fre-cleanup	Fre-cleanup	Fie-cleanup	F 0St-Cleanup
1,4-Dichlorobenzene	ug/kg	110	110						98 U	99 U	190 U	190 U	94 U
1-Methylnaphthalene	ug/kg								98 U	99 U	190 U		94 U
2,2'-Oxybis(1-chloropropane)	ug/kg								98 U	99 U	190 U	970 U	94 U
2,4,5-Trichlorophenol	ug/kg								490 U	500 U	960 U	970 U	470 U
2,4,6-Trichlorophenol	ug/kg								490 U	500 U	960 U	190 U	470 U
2,4-Dichlorophenol	ug/kg								490 U	500 U	960 U	970 U	470 U
2,4-Dimethylphenol	ug/kg	29							98 U	99 U	190 U	190 U	94 U
2,4-Dinitrophenol	ug/kg								1,000 U	1,100 U	2,000 U	190 U	1,000 U
2,4-Dinitrotoluene	ug/kg								490 U	500 U	960 U	970 U	470 U
2,6-Dinitrotoluene	ug/kg								490 U	500 U	960 U	970 U	470 U
2-Chloronaphthalene	ug/kg								98 U	99 U	190 U	970 U	94 U
2-Chlorophenol	ug/kg								98 U	99 U	190 U	970 U	94 U
2-Methylnaphthalene	ug/kg	670	670						98 U	99 U	190 U	190 U	94 U
2-Methylphenol	ug/kg	63	63						98 U	99 U	190 U	190 U	94 U
2-Nitroaniline	ug/kg								490 U	500 U	960 U	1,900 U	470 U
2-Nitrophenol	ug/kg								490 U	500 U	960 U	190 U	470 U
3,3`-Dichlorobenzidine	ug/kg								490 U	500 U	960 U	970 U	470 U
3-Nitroaniline	ug/kg								490 U	500 U	960 U	190 U	470 U
4,6-Dinitro-2-Methylphenol	ug/kg								980 U	990 U	1,900 U	970 U	940 U
4-Bromophenyl phenyl ether	ug/kg								98 U	99 U	190 U	970 U	94 U
4-Chloro-3-Methylphenol	ug/kg								490 U	500 U	960 U	970 U	470 U
4-Chloroaniline	ug/kg								490 U	500 U	960 U	190 U	470 U
4-Chlorophenyl Phenylether	ug/kg								98 U	99 U	190 U	190 U	94 U
4-Methylphenol	ug/kg	670	670						54 J	99 U	190 U	190 U	94 U
4-Nitroaniline	ug/kg								490 U	500 U	960 U	970 U	470 U
4-Nitrophenol	ug/kg								490 U	500 U	960 U	190 U	470 U
Benzoic acid	ug/kg	650	650						940 J	990 U	1,700 J	1,900 U	370 J
Benzyl alcohol	ug/kg	57	73						3,700	140	1,600	190 U	1,500
bis(2-Chloroethoxy) methane	ug/kg								98 U	99 U	190 U	970 U	94 U
Bis-(2-chloroethyl) ether	ug/kg								98 U	99 U	190 U	37 U	94 U
Carbazole	ug/kg								98 U	99 U	190 U	190 U	94 U
Dibenzofuran	ug/kg	540	540						98 U	99 U	190 U	190 U	94 U
Hexachlorobenzene	ug/kg	22	70						98 U	99 U	190 U	190 U	94 U
Hexachlorobutadiene	ug/kg	11	120						98 U	99 U	190 U	190 U	94 U
Hexachlorocyclopentadiene	ug/kg								490 UJ	500 UJ	960 UJ	37 U	470 UJ
Hexachloroethane	ug/kg								98 U	99 U	190 U	190 U	94 U
Isophorone	ug/kg								98 U	99 U	190 U	190 U	94 U
Nitrobenzene	ug/kg								98 U	99 U	190 U	37 U	94 U
N-Nitroso-Di-N-Propylamine	ug/kg								98 U	99 U	190 U	190 U	94 U
N-Nitrosodiphenylamine	ug/kg	28	40						98 U	99 U	190 U	190 U	94 U
Pentachlorophenol	ug/kg	360	690						490 UJ	500 UJ	960 UJ	970 U	470 UJ
Phenol	ug/kg	420	1,200						230	99 U	260	190 U	71 J
	~±' ``±	.20	.,_00								_00	100 0	, , ,

MarineLumber_data.xlsx Table D-4: 5

Table D-4: Results from samples collected at Marine Lumber site.

O a service Newsday				DOD070 050044 40	D0D070 050044 0	D0D07F 0F0044 0	D0D075 050044 40	D0D07F 0F0044 0
Sample Number				RCB273-052011-12				
Station ID				RCB273	RCB273	RCB275	RCB275	RCB275
Date				5/20/2011	5/20/2011	5/20/2011	5/20/2011	5/20/2011
Sample Type				Soil	Soil	Soil	Soil	Soil
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,271,227.41	1,271,227.41	1,271,344.59	1,271,344.59	1,271,344.59
Ycoord		SQS	CSL	197,403.95	197,403.95	197,401.87	197,401.87	197,401.87
Cleaned		LAET	2LAET	Post-cleanup	Post-cleanup	Not removed	Not removed	Not removed
1,4-Dichlorobenzene	ug/kg	110	110	18 U	93 U	190 U	98 U	200 U
1-Methylnaphthalene	ug/kg			17 J	93 U	190 U	98 U	200 U
2,2'-Oxybis(1-chloropropane)	ug/kg			18 U	93 U	190 U	98 U	200 U
2,4,5-Trichlorophenol	ug/kg			91 U	460 U	950 U	490 U	990 U
2,4,6-Trichlorophenol	ug/kg			91 U	460 U	950 U	490 U	990 U
2,4-Dichlorophenol	ug/kg			180 U	460 U	950 U	490 U	990 U
2,4-Dimethylphenol	ug/kg	29		36 U	93 U	190 U	98 U	200 U
2,4-Dinitrophenol	ug/kg			770 U	990 U	2,000 U	1,000 U	2,100 U
2,4-Dinitrotoluene	ug/kg			91 U	460 U	950 U	490 U	990 U
2,6-Dinitrotoluene	ug/kg			91 U	460 U	950 U	490 U	990 U
2-Chloronaphthalene	ug/kg			18 U	93 U	190 U	98 U	200 U
2-Chlorophenol	ug/kg			18 U	93 U	190 U	98 U	200 U
2-Methylnaphthalene	ug/kg	670	670	19	93 U	190 U	98 U	200 U
2-Methylphenol	ug/kg	63	63	18 U	93 U	190 U	98 U	200 U
2-Nitroaniline			03	91 U	460 U	950 U	490 U	990 U
2-Nitrophenol	ug/kg ug/kg			91 U	460 U	950 U	490 U	990 U
3.3`-Dichlorobenzidine				140 UJ	460 U	950 U	490 U	990 U
3-Nitroaniline	ug/kg ug/kg			91 U	460 U	950 U	490 U	990 U
4,6-Dinitro-2-Methylphenol				180 U	930 U	1,900 U	980 U	2,000 U
4-Bromophenyl phenyl ether	ug/kg			18 U	93 U	1,900 U	98 U	2,000 U
4-Chloro-3-Methylphenol	ug/kg			91 U	460 U	950 U	490 U	990 U
4-Chloroaniline	ug/kg			240 U	460 U	950 U	490 U	990 U
	ug/kg							
4-Chlorophenyl Phenylether	ug/kg	070	070	18 U	93 U	190 U	98 U	200 U
4-Methylphenol 4-Nitroaniline	ug/kg	670	670	36 U	93 U	190 U	98 U	200 U
	ug/kg			91 U	460 U	950 U	490 U	990 U
4-Nitrophenol	ug/kg	050	050	91 U	460 U	950 U	490 U	990 U
Benzoic acid	ug/kg	650	650	360 U	930 U	340 J	980 U	690 J
Benzyl alcohol	ug/kg	57	73	18 U	320	110 J	98 U	280
bis(2-Chloroethoxy) methane	ug/kg			18 U	93 U	190 U	98 U	200 U
Bis-(2-chloroethyl) ether	ug/kg			18 U	93 U	190 U	98 U	200 U
Carbazole	ug/kg	5.40	5.10	18 U	93 U	190 U	98 U	200 U
Dibenzofuran	ug/kg	540	540	18 U	93 U	190 U	98 U	200 U
Hexachlorobenzene	ug/kg	22	70	18 U	93 U	190 U	98 U	200 U
Hexachlorobutadiene	ug/kg	11	120	91 U	93 U	190 U	98 U	200 U
Hexachlorocyclopentadiene	ug/kg			360 UJ	460 UJ	950 UJ	490 UJ	990 UJ
Hexachloroethane	ug/kg			18 U	93 U	190 U	98 U	200 U
Isophorone	ug/kg			18 U	93 U	190 U	98 U	200 U
Nitrobenzene	ug/kg			18 U	93 U	190 U	98 U	200 U
N-Nitroso-Di-N-Propylamine	ug/kg			18 U	93 U	190 U	98 U	200 U
N-Nitrosodiphenylamine	ug/kg	28	40	18 U	93 U	190 U	98 U	200 U
Pentachlorophenol	ug/kg	360	690	180 UJ	460 UJ	950 UJ	490 UJ	990 UJ
Phenol	ug/kg	420	1,200	18 U	93 U	100 J	98 U	150 J

MarineLumber_data.xlsx Table D-4: 6

Table D-5: Results of samples collected at former Sternoff Metals site.

Sample Number				CB144-052709	CB145-052709	CB146-052709	CB147-052709	CB148-052709	CB149-052709
Station ID				CB144	CB145	CB146	CB147	CB148	CB149
Date				5/27/2009	5/27/2009	5/27/2009	5/27/2009	5/27/2009	5/27/2009
Sample Type				3/2//2009 CB	Surface dirt	3/27/2009 Soil	Surface dirt	5/27/2009 Soil	Surface dirt
Sample Method									Grab-Manual
		000	001	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	
Xcoord		SQS	CSL	1,272,661.57	1,272,655.67	1,273,086.57	1,272,899.07	1,272,954.28	1,272,550.12
Ycoord		LAET	2LAET	200,016.50	200,013.72	199,853.50	199,935.95	199,833.86	199,860.95
Solids, Total	%			40.6	85.3	93.3	98.6	94.7	99.7
Total Organic Carbon	%			7.06	2.22	1.42	3.59	1.7	1.74
Metals									
Arsenic	mg/kg	57	93	20	20	8	10	6	10 U
Copper	mg/kg	390	390	668	876	49	224	83	68
Lead	mg/kg	450	530	1,180	1,480	71	400	155	52
Mercury	mg/kg	0.41	0.59	0.98	1.13	0.15	0.41	0.23	0.03
Zinc	mg/kg	410	960	948	900	97	391	130	201
Total Petroleum Hydrocarbons	<u> </u>								
Diesel Range Hydrocarbons	mg/kg	2,000	2,000	3,700	760	190	530	400	84
Motor Oil Range	mg/kg	2,000	2,000	4,500	2,100	600	2,200	940	760
LPAH	<u> </u>	•	•		·	•	•		
Acenaphthene	ug/kg	500	500	260 U	120 U	58 U	110 U	57 U	58 U
Acenaphthylene	ug/kg	1,300	1,300	260 U	120 U	58 U	110 U	57 U	58 U
Anthracene	ug/kg	960	960	260 U	120 U	58 U	110 U	57 U	58 U
Fluorene	ug/kg	540	540	160 J	120 U	U	110 U	57 U	58 U
LPAH	ug/kg	5,200	5,200	590 J	190	160	81 J	94	58
Naphthalene	ug/kg	2,100	2,100	260 U	120 U	58 U	110 U	57 U	58 U
Phenanthrene	ug/kg	1,500	1,500	430	190	160	81 J	94	58
HPAH									
Benzo(A)anthracene	ug/kg	1,300	1,600	200 J	180	100	76 J	58	58 U
Benzo(A)pyrene	ug/kg	1,600	1,600	190 J	190 J	140 J	93 J	81 J	58 U
Benzo(G,H,I)perylene	ug/kg	670	720	160 J	140 J	73 J	55 J	36 J	58 U
Benzofluoranthenes, Total	ug/kg	3,200	3,600	400 J	400 J	245 J	184 J	132 J	58 U
Chrysene	ug/kg	1,400	2,800	520	400	160	230	96	83
Dibenzo(A,H)anthracene	ug/kg	230	230	260 U	120 U	58 U	110 U	57 U	58 U
Fluoranthene	ug/kg	1,700	2,500	560	450	300	200	140	29 J
HPAH	ug/kg	12,000	17,000	2,780 J	2,210 J	1,255 J	978 J	653 J	112 J
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	260 U	110 J	67 J	110 U	57 U	58 U
Pyrene	ug/kg	2,600	3,300	750	340	170	140	110	58 U
Phthalates									
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	14,000 B	3,400 B	63 U	2,000 B	290 U	360 U
Butylbenzylphthalate	ug/kg	63	900	2,100	360	58 U	420	57 U	58 U
Diethylphthalate	ug/kg	200	1,200	260 U	120 U	58 U	110 U	57 U	58 U
Dimethylphthalate	ug/kg	71	160	260 U	120 U	58 U	110 U	57 U	35 J
Di-N-Butylphthalate	ug/kg	1,400	1,400	420	220	58 U	100 J	57 U	58 U
Di-N-Octylphthalate	ug/kg	6,200		850	170	58 U	98 J	57 U	38 J
PCBs									
Aroclor 1016	ug/kg			760 U	1,400 U	19 U	290 U	19 U	19 U
Aroclor 1221	ug/kg			760 U	1,400 U	19 U	290 U	19 U	19 U
Aroclor 1232	ug/kg			760 U	1,400 U	19 U	290 U	19 U	19 U
Aroclor 1242	ug/kg			760 U	1,400 U	19 U	290 U	19 U	19 U
Aroclor 1248	ug/kg			760 U	1,400 U	19 U	290 U	19 U	19 U
Aroclor 1254	ug/kg			1,800	3,800	52	590	130	26
Aroclor 1260	ug/kg			1,800	3,100	130 J	750	400	34
Total PCBs	ug/kg	130	1,000	3,600	6,900	182 J	1,340	530	60

Sternoff_data.xlsx Table D-5: 1

Table D-5: Results of samples collected at former Sternoff Metals site.

Sample Number				CB144-052709	CB145-052709	CB146-052709	CB147-052709	CB148-052709	CB149-052709
Station ID				CB144	CB145	CB146	CB147	CB148	CB149
Date				5/27/2009	5/27/2009	5/27/2009	5/27/2009	5/27/2009	5/27/2009
Sample Type				CB	Surface dirt	Soil	Surface dirt	Soil	Surface dirt
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
		202	CCI						
Xcoord		SQS	CSL	1,272,661.57	1,272,655.67	1,273,086.57	1,272,899.07	1,272,954.28	1,272,550.12
Ycoord		LAET	2LAET	200,016.50	200,013.72	199,853.50	199,935.95	199,833.86	199,860.95
Other Organic Compounds									
1,2,4-Trichlorobenzene	ug/kg	31	51	260 U	120 U	58 U	110 U	57 U	58 U
1,2-Dichlorobenzene	ug/kg	35	50	260 U	120 U	58 U	110 U	57 U	58 U
1,3-Dichlorobenzene	ug/kg		00	260 U	120 U	58 U	110 U	57 U	58 U
1,4-Dichlorobenzene	ug/kg	110	110	260 U	120 U	58 U	110 U	57 U	58 U
2,2'-Oxybis(1-chloropropane)	ug/kg	110	110	260 U	120 U	58 U	110 U	57 U	58 U
2,4,5-Trichlorophenol	ug/kg ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
2,4,6-Trichlorophenol	ug/kg ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
2,4-Dichlorophenol	ug/kg ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
2,4-Dimethylphenol	ug/kg ug/kg	29		260 U	120 U	58 U	110 U	57 U	58 U
		29		2,600 U	1,200 U	580 U	1,100 U	570 U	580 U
2,4-Dinitrophenol	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
2,4-Dinitrotoluene	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
2,6-Dinitrotoluene	ug/kg			260 U	120 U		110 U	260 U	
2-Chloronaphthalene	ug/kg					58 U			
2-Chlorophenol	ug/kg	C70	C70	260 U	120 U	58 U	110 U	57 U 47 J	58 U
2-Methylnaphthalene	ug/kg	670	670 63	180 J	120 U		110 U		58 U
2-Methylphenol	ug/kg	63	63	260 U	120 U	58 U	110 U	57 U	58 U
2-Nitroaniline	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
2-Nitrophenol	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
3,3`-Dichlorobenzidine	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
3-Nitroaniline	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
4,6-Dinitro-2-Methylphenol	ug/kg			2,600 U	1,200 U	580 U	1,100 U	570 U	580 U
4-Bromophenyl phenyl ether	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
4-Chloro-3-Methylphenol	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
4-Chloroaniline	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
4-Chlorophenyl Phenylether	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
4-Methylphenol	ug/kg	670	670	2,300	92 J	58 U	110 U	57 U	58 U
4-Nitroaniline	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
4-Nitrophenol	ug/kg		252	1,300 U	620 U	290 U	530 U	280 U	290 U
Benzoic acid	ug/kg	650	650	2,600 U	1,200 U	580 U	1,100 ∪	570 U	580 U
Benzyl alcohol	ug/kg	57	73	510	120 U	58 U	110 U	57 U	58 U
bis(2-Chloroethoxy) methane	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
Bis-(2-chloroethyl) ether	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
Carbazole	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
Dibenzofuran	ug/kg	540	540	260 U	120	58 U	110 U	57 U	58 U
Hexachlorobenzene	ug/kg	22	70	260 U	120 U	58 U	110 ∪	57 U	58 U
Hexachlorobutadiene	ug/kg	11	120	260 U	120 U	58 U	110 U	57 U	58 U
Hexachlorocyclopentadiene	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
Hexachloroethane	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
Isophorone	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
Nitrobenzene	ug/kg			260 U	120 U	58 U	110 U	57 U	58 U
N-Nitroso-Di-N-Propylamine	ug/kg			1,300 U	620 U	290 U	530 U	280 U	290 U
N-Nitrosodiphenylamine	ug/kg	28	40	260 U	120 U	58 U	110 U	57 U	58 U
Pentachlorophenol	ug/kg	360	690	1,300 U	620 U	290 U	530 U	280 U	290 U
Phenol	ug/kg	420	1,200	210 J	120 U	58 U	110 U	57 U	58 U
	- 31 - 3		,						

Sternoff_data.xlsx Table D-5: 2

Table D-6: Results of samples collected near Independent Metals Plant 1.

Sample Number				MH21-041305	MH228-052609	MH229-052609	RCB195-012512	RCB214-052709	RCB227-031111	RCB228-031111
Sample ID				MH21B	MH228	MH229	RCB195	RCB214	RCB227	RCB228
Lab Ref				7th Ave S SD	7th Ave S SD	7th Ave S SD	7th Ave S SD	7th Ave S SD	7th Ave S SD	7th Ave S SD
Sample Type ^c				Inline	Inline	Inline	RCB	СВ	RCB	RCB
Outfall				SD	SD	SD	SD	SD	SD	SD
				HY59	PA21	PA21	UF27	PA42	SM94	SM94
Date	Units	SQS	CSL	04/13/05	05/26/09	05/26/09	1/25/2012	05/27/09	03/11/11	03/11/11
Total solids	%			47.6	50.6	55.6	79.1	74.2	44.4	70.1
TOC	%			8.90	5.65	3.82	1.19	4.54	10.40	1.82
Metals										
Arsenic	mg/kg	57	93	30	20 J	20 J	8	15 J	10	7
Copper	mg/kg	390	390	148	135 J	137 J	64.9	98 J	406	82
Lead Mercury	mg/kg	450 0.41	530 0.59	130 0.2	121 J 0.22 J	124 J 0.19 J	30 0.08	91 J 0.08 J	363	45 0.04
Zinc	mg/kg mg/kg	410	960	515	477 J	426 J	473	230 J	0.56 823	217
Total petroleum hydrocarb			300	313	411 0	420 3	473	230 0	023	211
TPH-diesel	mg/kg	2,000 ^b		560	680	350	320	700	2,600	64 U
TPH-oil	mg/kg	2,000 ^b		3,100	2,600	1,300	1,000	3,600	11,000	280
LPAH		2,000		5,155	_,000	.,000	.,,,,	5,555	11,000	
Acenaphthene	ug/kg	500	500	290 U	380 U	340 U	250	140 U	190 U	21 U
Acenaphthylene	ug/kg	1,300	1,300	290 U	380 U	340 U	19 U	140 U	190 U	21 U
Anthracene	ug/kg	960	960	290 U	380 U	340 U	520	140 U	350 J	73 J
Fluorene	ug/kg	540	540	290 U	380 U	340 U	330	140 U	160 J	18 J
Naphthalene	ug/kg	2,100	2,100	290 U	380 U	340 U	42	140 U	110 J	12 J
Phenanthrene	ug/kg	1,500	1,500	290 U	210 J	340 U	1,000	120 J	680	140
Total LPAH	ug/kg	5,200	5,200	290	210 J	340	2,142	120 J	1,300 J	243 J
HPAH Benzo(a)anthracene	ug/kg	1,300	1,600	290 U	250 J	220 J	260	120 J	490	56
Benzo(a)pyrene	ug/kg ug/kg	1,600	1,600	310	380	320 J	150	120 J	1,200	44
Total benzofluoranthenes	ug/kg	3,200	3,600	840	840	720	310	300	550	36
Benzo(g,h,i)perylene	ug/kg	670	720	290 U	340 J	280 J	71	72 J	1,400 J	120 J
Chrysene	ug/kg	1,400	2,800	380	530	430	350	320	1,400 J	120 J
Dibenz(a,h)anthracene	ug/kg	230	230	290 U	380 U	340 U	29 J	140 U	190 U	21 U
Fluoranthene	ug/kg	1,700	2,500	570	650	560	1,200	320	1,600	280
Indeno(1,2,3-cd)pyrene	ug/kg	600	690	290 U	240 J	190 J	56	140 U	290	27
Pyrene Total HPAH	ug/kg	2,600	3,300	430 3,370	600 4,670 J	520	940	290 1,842 J	1,700 J	160 J
Phthalates	ug/kg	12,000	17,000	3,370	4,670 J	3,960 J	3,366 J	1,042 J	8,630 J	843 J
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	3,800	4,900	4,000	990	2,600	1,400,000	740
Butylbenzylphthalate	ug/kg	63	900	290 U	380 U	440	42	390	1,400 J	160 J
Diethylphthalate	ug/kg	200		290 U	380 U	340 U	47 U	140 U	190 U	21 U
Dimethylphthalate	ug/kg	71	160	290 U	380 U	340 U	19 U	180	170 J	14 J
Di-n-butylphthalate	ug/kg	1,400	1,400	290 U	380 U	340 U	19	140 U	190 U	54 J
Di-n-octylphthalate	ug/kg	6,200		290 U	310 J	340 U	19 U	200	190 U	21 U
PCBs										
Aroclor 1016	ug/kg			42 U	98 U	98 U	19 U	20 U	20 U	19 U
Aroclor 1221 Aroclor 1232	ug/kg			42 U 42 U	98 U 98 U	98 U 98 U	19 U 19 U	20 U 20 U	20 U 20 U	19 U 19 U
Aroclor 1232 Aroclor 1242	ug/kg ug/kg			42 U	98 U	98 U	37	87	20 U	19 U
Aroclor 1248	ug/kg ug/kg			42 U	98 U	98 U		20 U	220	29 Y
Aroclor 1254	ug/kg			84 J	140	150	30	55	180	74
Aroclor 1260	ug/kg			190	310	290	19 U	53	140 J	28 J
Total PCBs	ug/kg	130	1,000	274 J	450	440	67	195	540 J	102 J
Other organic compounds										
1,2,4-Trichlorobenzene	ug/kg	31	51	290 U	380 U	340 U	19 U	140 U	190 U	21 U
1,2-Dichlorobenzene	ug/kg	35	50	290 U	380 U	340 U	19 U	140 U	190 U	21 U
1,3-Dichlorobenzene	ug/kg	440	440	290 U	380 U	340 U	19 U	140 U	190 U	21 U
1,4-Dichlorobenzene	ug/kg	110	110	290 U	380 U	340 U	19 U 41	140 U	190 U 190 U	21 U 21 U
1-Methylnaphthalene 2,2'-Oxybis(1-chloropropan	ug/kg ug/kg			290 U	380 U	340 U	41 19 U	140 U	190 U	21 U
2,4,5-Trichlorophenol	ug/kg ug/kg			1,400 U	1,900 U	1,700 U	94 U	700 U	950 U	110 U
2,4,6-Trichlorophenol	ug/kg ug/kg			1,400 U	1,900 U	1,700 U	94 U	700 U	950 U	110 U
2,4-Dichlorophenol	ug/kg			1,400 U	1,900 U	1,700 U	190 U	700 U	950 U	110 U
2,4-Dimethylphenol ^a	ug/kg	29	29	290 U	380 U	340 U	38 U	140 U	190 U	21 U
2,4-Dinitrophenol	ug/kg			2,900 U	3,800 U	3,400 U	800 U.		1,900 U	210 U
	ug/kg			1,400 U	1,900 U	1,700 U	94 U	700 U	950 U	110 U
2,4-Dinitrotoluene	ug/kg			1,400 0	1,500 0	1,700 0	J → U	100 0	000 0	1100

Table D-6: Results of samples collected near Independent Metals Plant 1.

Sample Number				MH21-041305	MH228-052609	MH229-052609	RCB195-012512	RCB214-052709	RCB227-031111	RCB228-031111
Sample ID				MH21B	MH228	MH229	RCB195	RCB214	RCB227	RCB228
Lab Ref				7th Ave S SD	7th Ave S SD	7th Ave S SD	7th Ave S SD			
Sample Type ^c				Inline	Inline	Inline	RCB	СВ	RCB	RCB
Outfall				SD	SD	SD	SD	SD	SD	SD
Outlan				HY59	PA21	PA21	UF27	PA42	SM94	SM94
D .										
Date	Units	SQS	CSL	04/13/05	05/26/09	05/26/09	1/25/2012	05/27/09	03/11/11	03/11/11
2-Chloronaphthalene	ug/kg			290 U	380 U	340 U	19 U	140 U	190 U	21 U
2-Chlorophenol	ug/kg	070	070	290 U	380 U	340 U	19 U	140 U	190 U	21 U
2-Methylnaphthalene	ug/kg	670 63	670 63	290 U 290 U	380 U 380 U	340 U 340 U	74 19 U	140 U 140 U	210 190 U	14 J 21 U
2-Methylphenol ^a	ug/kg	63	63							
2-Nitroaniline	ug/kg			1,400 U	1,900 U	1,700 U	94 U	700 U	950 U	110 U
2-Nitrophenol	ug/kg			1,400 U	1,900 U	1,700 U	94 UJ	700 U	190 U	21 U
3,3'-Dichlorobenzidine	ug/kg			1,400 U	1,900 U	1,700 U	140 U	700 U	950 U	110 U
3-Nitroaniline	ug/kg			1,400 U	1,900 U	1,700 U	94 U 190 U	700 U	950 U	110 U
4,6-Dinitro-2-methylphenol	ug/kg			2,900 U	3,800 U 380 U	3,400 U	190 U	1,400 U	1,900 U	210 U 21 U
4-Bromophenyl-phenylethe 4-Chloro-3-methylphenol	ug/kg			290 U 1,400 U	1,900 U	340 U 1,700 U	94 U	140 U 700 U	190 U 950 U	110 U
4-Chloroaniline	ug/kg ug/kg			1,400 U	1,900 U	1,700 U	250 U	700 U	950 U	110 U
4-Chlorophenyl-phenylethe	ug/kg ug/kg			290 U	380 U	340 U	19 U	140 U	190 U	21 U
	ug/kg ug/kg	670	670	290 U	380 U	340 U	19 U	100 J	1,400	480
4-Methylphenol ^a 4-Nitroaniline	ug/kg	070	070	1,400 U	1.900 U	1,700 U	94 U	700 U	950 UJ	110 UJ
4-Nitrophenol				1,400 U	1,900 U	1,700 U	94 UJ	700 U	950 U	110 U
	ug/kg ug/kg	650	650	2,900 U	3,800 U	3,400 U	380 U	1,400 U	1,900 U	180 J
Benzoic acid ^a		57	73	2,900 U	3,800 U	3,400 U	19 U	1,400 U	950 U	
Benzyl alcohol ^a	ug/kg	57	13							850
bis(2-Chloroethoxy) methai	ug/kg			290 U	380 U	340 U	19 U	140 U	190 U	21 U
Bis-(2-chloroethyl) ether Carbazole	ug/kg			290 U 290 U	380 U 380 U	340 U 340 U	19 U 160	140 U 140 U	190 U 190 U	21 U
Dibenzofuran	ug/kg ug/kg	540	540	290 U	380 U	340 U	160	140 U	190 U	31 21 U
Hexachlorobenzene	ug/kg ug/kg	22	70	290 U	380 U	340 U	19 U	140 U	190 U	18 J
Hexachlorobutadiene	ug/kg ug/kg	11	120	290 U	380 U	340 U	94 U	140 U	190 U	21 U
Hexachlorocyclopentadiene	ug/kg ug/kg		120	1,400 U	1,900 U	1,700 U	380 U	700 U	950 U	110 U
Hexachloroethane	ug/kg ug/kg			290 U	380 U	340 U	19 U	140 U	190 U	21 U
Isophorone	ug/kg			290 U	380 U	340 U	19 U	140 U	190 U	21 U
Nitrobenzene	ug/kg			290 U	380 U	340 U	19 U	140 U	190 U	21 U
n-Nitroso-di-n-propylamine	ug/kg			1,400 U	1,900 U	1,700 U	19 U	700 U	190 U	21 U
N-Nitrosodiphenylamine	ug/kg	28	40	290 U	380 U	340 U	19 U	140 U	190 U	21 U
Pentachlorophenol ^a	ug/kg	360	690	1,400 U	1,900 U	1,700 U	190 UJ	700 U	950 U	110 U
Phenol ^a	ug/kg	420	1,200	290 U	380 U	340 U	19 U	140 U	190 U	42

a. SMS based on dry weight concentration.

Concentration exceeds the SQS/LAET, MTCA Concentration exceeds the CSL/2LAET

b. MTCA Method A soil cleanup level for unrestricted use.

c. SD = discharges to separated storm drain; CS = discharges to combined sewer system.

J = Concentration is less than the reporting limit.

U = Chemical not detected at concentration shown

Y = Chemical not detected at concentration shown. Reporting limit raised due to background interference.

UJ = Analyte is not detected at the reporting limit and the reporting limit is an estimated value

Table D-7: Results from samples collected at Chemithon.

Sample Number				CB102-022107	CB103-022107	CB90-050506	CB93-101206	CB94-101206	CB95-080312	CB95-101206	CB96-020607	CB97-020607	CB98-020607	CH-E-111406	CH-N-111406
Station ID				CB102	CB103	CB90	CB93	CB94	CB95	CB95	CB96	CB97	CB98	CH-E	CH-N
Date				02/21/07	02/21/07	05/05/06	10/12/06	10/12/06	08/03/12	10/12/06	02/06/07	02/06/07	02/06/07	11/14/06	11/14/06
Sample Type				СВ	СВ	СВ	СВ	СВ	СВ	СВ	СВ	СВ	СВ	Street dirt	Street dirt
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,267,191.45	1,267,244.37	1,267,202.46	1,267,220.75	1,267,231.09	1,267,235.94	1,267,235.94	1,267,144.72	1,267,170.07	1,267,178.51	1,267,237.73	1,267,134.42
Ycoord		SQS	CSL	205,418.96	205,258.52	205,386.58	205,346.86	205,259.20	205,123.14	205,123.14	205,186.37	205,378.77	205,348.74	205,372.02	205,403.46
Cleaned		LAET	2LAET	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	Current Phase	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned
Solids, Total	%			84.1	79.9	67	51.5	60.6	24	22	64.4		73.3	67.4	74
Total Organic Carbon	%			0.973	1.36	2.03	4.22	7.18	14.4	13.2	4.83		1.78	3.65 J	2.4 J
Metals															
Arsenic	mg/kg	57	93	30 U	20	40	30	60	40	150	20	13	7	40 U	20
Copper	mg/kg	390	390	1,730	860	1,820	991	1,150	464	734	557	139	169	1,040	696
Lead	mg/kg	450	530	120	61	410	178	276	189	352	185	1,760	47	150	106
Mercury	mg/kg	0.41	0.59	0.07	0.04	0.07	0.65	0.31	0.27	0.2	0.33	9.4	0.17	0.58	0.15
Zinc	mg/kg	410	960	1,360	745	2,500	1,830	3,290	1,890	3,030	939	771	314	1,380	888
Total Petroleum Hydrocarbons															
Diesel Range Hydrocarbons	mg/kg	2,000	2,000	150	330	280	450	5,400	2,600	5,700	1,600		1,100	650	950
Motor Oil Range	mg/kg	2,000	2,000	410	2,100	650	2,300	7,500	7,600	12,000	5,300		1,200	1,600	2,100
LPAH															
Acenaphthene	ug/kg	500	500	320	120	530	180	390 U	220	520 ∪	120 U	400	29 U	200	58 J
Acenaphthylene	ug/kg	1,300	1,300	65	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	320
Anthracene	ug/kg	960	960	350	210	1,500	300	390 U	200 U	520 U	280	240 U	29 U	110	100 J
Fluorene	ug/kg	540	540	280	140	460	220	390 U	200	520 U	120 U	430	29 U	130	110 U
LPAH	ug/kg	5,200	5,200	3,015	2,400	9,810	2,900	1,600	2,150	1,900	1,580	3,530	150	1,520	1,078 J
Naphthalene	ug/kg	2,100	2,100	300	730	320	200	390 U	430	520 U	120 U	1,200	29 U	220	140
Phenanthrene	ug/kg	1,500	1,500	1,700	1,200	7,000	2,000	1,600	1,300	1,900	1,300	1,500	150	860	460
НРАН															
Benzo(A)anthracene	ug/kg	1,300	1,600	1,400	650	6,300	990	520	560	820	800	880	100	500	580
Benzo(A)pyrene	ug/kg	1,600	1,600	1,300	480	5,100	1,000	1,000	660	1,100	740	460	150	640	960
Benzo(G,H,I)perylene	ug/kg	670	720	560	240	2,100	520	1,100	600 J	710	300	300	100	230	380
Benzofluoranthenes, Total	ug/kg	3,200	3,600	2,710	1,050	9,000	2,300	2,400	1,900	3,100	1,590	2,070	380	1,410	2,140
Chrysene	ug/kg	1,400	2,800	1,600	760	7,000	1,600	1,400	1,400	1,900	1,100	1,500	240	780	860
Dibenzo(A,H)anthracene	ug/kg	230	230	180	58 J	600	180	390 U	120 J	520 ∪	120 U	240 U	29 U	110 U	93
Fluoranthene	ug/kg	1,700	2,500	3,100	1,800	16,000	3,100	2,000	2,000	3,100	3,000	2,600	560	1,400	1,100
HPAH	ug/kg	1,200	17,000	13,500	6,568 J	58,300	12,410	10,970	9,270 J	13,500	10,210	10,190	1,952	6,180	7,493
Indeno(1,2,3-Cd)pyrene	ug/kg	600	690	650	230	2,200	520	950	430	670	280	280	92	220	410
Pyrene	ug/kg	2,600	3,300	2,000	1,300	10,000	2,200	1,600	1,600	2,100	2,400	2,100	330	1,000	970
Phthalates															
Bis(2-ethylhexyl)phthalate	ug/kg	1,300	1,900	3,400	3,600	5,700	5,900	3,000	72,000 B	65,000	15,000		1,100	4,400	4,100
Butylbenzylphthalate	ug/kg	63	900	510	500	1,800	800	1,200	200 U	1,700	460		220	5,200	700
Diethylphthalate	ug/kg	200	1,200	59 U	94 U	310 U	120 U	390 U	510 U	520 U	120 U	240 U	29 U	110 U	110 U
Dimethylphthalate	ug/kg	71	160	93	73 J	310 U	120 U	610	1,100	520 ∪	240	240 U	33	220	650
Di-N-Butylphthalate	ug/kg	1,400	1,400	1,200	1,100	500	350 U	390 U	630	570 U	160		29 U	780	410
Di-N-Octylphthalate	ug/kg	6,200		340	220	500	300	390 U	4,600	4,300	1,000		56	380	240
PCBs															
Aroclor 1016	ug/kg			19 U	19 U	600 U	99 U	3,900 U	96 U	100 U	180 U	1,500 U	190 U	580 U	550 U
Aroclor 1221	ug/kg			19 U	19 U	600 U	99 U	3,900 U	96 U	100 U	180 U	1,500 U	190 U	580 U	550 U
Aroclor 1232	ug/kg			19 U	19 U	600 U	99 U	3,900 U	96 U	100 U	180 U	1,500 U	190 U	580 U	550 U
Aroclor 1242	ug/kg			19 U	19 U	600 U	99 U	3,900 U	96 U	100 U	180 U	1,500 U	190 U	580 U	550 U
Aroclor 1248	ug/kg			19 U	77 Y	600 U	99 U	3,900 U	430 Y	100 U	180 U	1,500 U	190 U	580 U	550 U
Aroclor 1254	ug/kg			55	350	2,500	510	3,900 U	1,400	270	630	3,800	970	660 J	760
Aroclor 1260	ug/kg			21 J	71	600 U	260	7,900 Y	810 J	170	410	3,200	690	580 J	900
Total PCBs	ug/kg	130	1,000	76 J	421	2,500	770	7,900 Y	2,210 J	440	1,040	7,000	1,660	1,240 J	1,660
Other Organic Compounds															
1,2,4-Trichlorobenzene	ug/kg	31	51	59 U	94 U	310 ∪	120 U	390 U	200 ∪	520 ∪	120 U	240 U	29 U	110 U	110 U
1,2-Dichlorobenzene	ug/kg	35	50	59 U	94 U	310 ∪	120 ∪	390 U	200 U	520 ∪	120 U	240 U	29 U	110 ∪	110 ∪
1,3-Dichlorobenzene	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
1,4-Dichlorobenzene	ug/kg	110	110	59 U	94 U	310 ∪	120 ∪	390 U	200 U	520 ∪	120 U	240 U	29 U	110 ∪	110 ∪
1-Methylnaphthalene	ug/kg								250						

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Table D-7: Results from samples collected at Chemithon.

Sample Number				CB102-022107	CB103-022107	CB90-050506	CB93-101206	CB94-101206	CB95-080312	CB95-101206	CB96-020607	CB97-020607	CB98-020607	CH-E-111406	CH-N-111406
Station ID				CB102	CB103	CB90	CB93	CB94	CB95	CB95	CB96	CB97	CB98	CH-E	CH-N
Date				02/21/07	02/21/07	05/05/06	10/12/06	10/12/06	08/03/12	10/12/06	02/06/07	02/06/07	02/06/07	11/14/06	11/14/06
Sample Type				СВ	СВ	СВ	СВ	СВ	СВ	СВ	СВ	СВ	СВ	Street dirt	Street dirt
Sample Method				Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual	Grab-Manual
Xcoord				1,267,191.45	1,267,244.37	1,267,202.46	1,267,220.75	1,267,231.09	1,267,235.94	1,267,235.94	1,267,144.72	1,267,170.07	1,267,178.51	1,267,237.73	1,267,134.42
Ycoord		SQS	CSL	205,418.96	205,258.52	205,386.58	205,346.86	205,259.20	205,123.14	205,123.14	205,186.37	205,378.77	205,348.74	205,372.02	205,403.46
Cleaned		LAET	2LAET	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	Current Phase	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned	Cleaned
				0.000.000	0.000.000	0.000.000	0.000.000	0.000.00		0.00000	5,000,000	0.00000	0.000.000	3.54	5,55,115
2,2'-Oxybis(1-chloropropane)	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
2,4,5-Trichlorophenol	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
2,4,6-Trichlorophenol	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
2,4-Dichlorophenol	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	2,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
2,4-Dimethylphenol	ug/kg	29		59 U	94 U	310 U	120 U	390 U	410 U	520 U	120 U	9,200	29 U	110 U	110 U
2,4-Dinitrophenol	ug/kg			590 U	940 U	3,100 U	1,200 U	3,900 U	8,700 U	5,200 U	1,200 U	2,400 U	290 U	1,100 U	1,100 U
2,4-Dinitrotoluene	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
2,6-Dinitrotoluene	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
2-Chloronaphthalene	ug/kg			59 U	94 U	310 U	120	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
2-Chlorophenol	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
2-Methylnaphthalene	ug/kg	670	670	200	290	310	160	1,700	500	790	140	34,000	37	900	100 J
2-Methylphenol	ug/kg	63	63	59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	750	29 U	110 U	110 U
2-Nitroaniline	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
2-Nitrophenol	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
3,3`-Dichlorobenzidine	ug/kg			300 U	470 U		590 U	2,000 U	1,500 UJ	2,600 U	620 U	1,200 U	140 U	570 U	550 U
3-Nitroaniline	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
4,6-Dinitro-2-Methylphenol	ug/kg			590 U	940 U	3,100 U	1,200 U	3,900 U	2,000 U	5,200 U	1,200 U	2,400 U	290 U	1,100 U	1,100 U
4-Bromophenyl phenyl ether	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
4-Chloro-3-Methylphenol	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
4-Chloroaniline	ug/kg			300 U	470 U		590 U	2,000 U	2,800 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
4-Chlorophenyl Phenylether	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
4-Methylphenol	ug/kg	670	670	59 U	110	310 U	1,700	390 U	1,100	2,200	120 U	1,200	150	120	120
4-Nitroaniline	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
4-Nitrophenol	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	1,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
Benzoic acid	ug/kg	650	650	590 U	940 U	3,100 ∪	1,200 U	4,400	4,100 ∪	5,200 U	1,200 U	2,400 U	290 U	1,100 U	1,100 U
Benzyl alcohol	ug/kg	57	73	580	1,600	440	120 U	390 U	300	520 U	120 U	1,200 U	29 U	500	120
bis(2-Chloroethoxy) methane	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
Bis-(2-chloroethyl) ether	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
Carbazole	ug/kg			240	140	780	280	390 U	180 J	520 U	360	240 U	29 U	120	57 J
Dibenzofuran	ug/kg	540	540	150	97	310 U	130	390 U	220 Y	520 U	120 U	240 U	29 U	120	110 U
Hexachlorobenzene	ug/kg	22	70	59 U	94 U	310 ∪	120 U	390 U	200 UJ	520 ∪	120 U	240 U	29 U	110 U	110 U
Hexachlorobutadiene	ug/kg	11	120	59 U	94 U	310 ∪	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
Hexachlorocyclopentadiene	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	4,100 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
Hexachloroethane	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
Isophorone	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
Nitrobenzene	ug/kg			59 U	94 U	310 U	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 U	110 U
N-Nitroso-Di-N-Propylamine	ug/kg			300 U	470 U	1,600 U	590 U	2,000 U	200 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
N-Nitrosodiphenylamine	ug/kg	28	40	59 U	94 U	310 ∪	120 U	390 U	200 U	520 U	120 U	240 U	29 U	110 ∪	110 U
Pentachlorophenol	ug/kg	360	690	300 U	470 U	1,600 U	590 U	2,000 U	2,000 U	2,600 U	620 U	1,200 U	140 U	570 U	550 U
Phenol	ug/kg	420	1,200	280	640	350 B	870	1,500	1,000	1,500	120 U	360	41	380 U	240 U

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APPENDIX E SPILL AND WATER QUALITY COMPLAINT RESPONSE SUPPORTING INFORMATION

Table E-2: SPU water quality complaint response in the LDW (1999-2014).

Note: Lists are keyed to grid numbers on Maps 29-51.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
30a	D10	01/03/08	Spill Response	211 23rd Ave	Separated	Diagonal Ave S CSO/SD	01/03/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Received call directly from Ecology regarding hydraulic fluid spill. Responded to site and found that a small landscape tractor had apparantly broken a hyraulic line. All pollution was contained to site and no storm water was in danger. Contractor was enroute to remove contaminated soil.
30a	D11	06/27/14	Spill Response	2315 E Spruce St	Separated	Diagonal Ave S CSO/SD	06/27/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Cleanscapes truck had a hydraulic leak. Spiller cleaned and disposed of waste. No drains were impacted.
30a	E11	02/24/12	Spill Response	23rd Ave & E Yesler Wy	Separated	Diagonal Ave S CSO/SD	02/24/12	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of gas on roadway w/sheen going into drain due to heavy rain. Arrived onsite and observed sheen. Checked area CB's saw a little bit of sheen in CB. Was unable to recover any product.
30a	E13	04/03/11	Spill Response	2707 E Yesler Wy	Separated	Diagonal Ave S CSO/SD	04/03/11	No	No	Drainage	Construction	Report of hose discharging clouding liquid from underneath house that was on jacks. Arrived on site and observed hose discharging what appeared to be drainage. Checked downstream CB & MH. There was no staining or residue from the discharge, case closed.
30a	E13	03/09/12	Spill Response	Martin Luther King Jr Wy & E Fir St	Separated	Diagonal Ave S CSO/SD	03/09/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report from SPD of oil & gas going into drain from MVA. Went to reported area and checked drains, nothing found. I source traced other CB's in area did not observe any product in drains.
30a	E9	01/31/11	Spill Response	21st Ave S & E Yesler Wy	Separated	Diagonal Ave S CSO/SD	01/31/11	Yes	No	Automotive Fluid	Accidental Spill	Metro bus spilled 5 gallons of coolant onto roadway and into CB. Metro
30a	E9	05/16/11	Spill Response	21st Ave S & E Yesler Wy	Separated	Diagonal Ave S CSO/SD		No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	crew cleaned up spill in roadway and CB. Metro spill of 1-5 gallons of break fluid. Metro cleaned contaminated cb and roadway
30a	F11	05/25/12	Spill Response	23rd Ave S & S Main St	Separated	Diagonal Ave S CSO/SD	05/25/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	MVA caused automotive fluid to spill to roadway. When I arrived at scene I saw absorbent on roadway, I cleaned up absorbent. No drains were impacted.
30a	F12	12/29/11	Spill Response	S Washington St & 27th Ave	Separated	Diagonal Ave S CSO/SD	12/29/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Crews reported an oily substance in CB. Contractor was called to clean impacted areas.
30a	F6	09/16/11	Spill Response	302 14th Ave	Separated	Diagonal Ave S CSO/SD	09/16/11	No	No	Other	Washing-Residential	Report of homeless shelter using chemicals to clean off tables. Went to reported site and spoke to shelter staff. Educated on code and advised to use only water to clean tables. No material made it to drain.
30a	G7	08/28/10	Spill Response	1643 S King St	Separated	Diagonal Ave S CSO/SD	08/28/10	Yes	No	Concrete/Cement	Illegal Dumping	Report of paint spilled in alleyway. On closer inspection paint was actually concrete that had been dumped in alleyway. I called NRC to help clean up concrete. NRC pumped 2 catch basins and helped remove hardened concrete from alleyway.
30a	G8	02/27/12	Spill Response	1817 S Jackson St	Separated	Diagonal Ave S CSO/SD	02/27/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
30a	G9	01/28/14	Spill Response	20th Ave S & S King St	Separated	Diagonal Ave S CSO/SD	01/28/14	Yes	No	Fats, Oil and Grease (FOG)	Unknown	Report of unknown material in CB. Unable to determine source. Suspect FSE in area. DWW crews cleaned CB & EA inspected FSE.
30a	12	11/28/12	Spill Response	805 S Charles St	Separated	Diagonal Ave S CSO/SD	11/28/12	No	Yes	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Fire truck at Charles St maintenance facility accidently leaked a large amount of diesel. Diesel made it to drain. Fleets & Facilities crews cleaned and disposed of site and contaminated materials. DOE, WSDOT USCG & Natl. Resp. Ctr. were advised of incident and our clean up actions.
30a	12	12/03/12	Spill Response	805 S Charles St	Separated	Diagonal Ave S CSO/SD	12/03/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Spill happened on 11/28/12, this is for the cleanup. NRC came to site to excavate and clean the contaminated soil, and also clean any contaminated streets or other structures which were still affected from the original spill.
30a	17	06/05/14	Spill Response	843 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	06/05/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of leaking vehicle that leaked oil in alley and in parking lot. When I arrived on site I did not see vehicle that was leaking. I used absorbent to soak up the oil in the alley. Disposed of in solid waste, drainage structures not impacted.
30a	17	03/05/08	Spill Response	Rainier Ave S & S Dearborn St	Separated	Diagonal Ave S CSO/SD	03/05/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Truck Vs Car MVA resulting in ruptured saddle tank on truck. Spill of aprox. 30 gallons controlled and cleaned by S-DOT. No Stormwater Contamination.
30a	J10	08/31/09	Spill Response	909 23rd Ave S	Separated	Diagonal Ave S CSO/SD	08/31/09	No	No	Unknown	Unknown	SPU meter reader reported smell of fuel oil in meter box. Investigated site and found slight odor of fuel in the box but not coming out of box. Spoke with tenant who stated that room downstairs smells like fuel. I advised tenant that I would contact ECY, DPD & SDOT. I sent ERTS to ECY and called Vic Simpson at DPD who gAve info for tenant to call if assistance was needed. LM with Janice Gedlund @ SDOT. No
30a	J13	03/29/13	Spill Response	S Charles St & 28th Ave S	Separated	Diagonal Ave S CSO/SD	03/29/13	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	CITI DEL MAIA MEL ATRACA
30a	L12	03/08/14	Spill Response	S Irving St & 26th Ave S	Separated	Diagonal Ave S CSO/SD	03/08/14	No	No	Chlorinated Water	Other	Report of SFD conducting exercises and not using proper BMP's. Case was forwarded to SWQ for follow up.
30a	L7	06/07/11	Spill Response	Edgar Martinez Dr S & I-90 HWy	Separated	Diagonal Ave S CSO/SD	06/07/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	was forwarded to SWQ for follow up. Report of diesel spill from saddle tanks of semi truck. Arrived at scene and observed thin train of diesel on roadway. Followed trail to I-90 onramp then onto I-90 where it eventually vanished by the Mt. Baker tunnel. No action taken as product was unrecoverable.
30a	М9	12/11/07	Spill Response	S Massachusetts St & Rainier Ave S	Separated	Diagonal Ave S CSO/SD	12/11/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Receive call about Ralphs Concrete truck that had snapped a driveline and had a large hydraulic fluid spill. When I arrived on site I found the police had cordoned off area and cleanup was in progress. Ralphs had started cleanup immeadiatly and had also contracted with Ohno construction to do cleanup. They had absorbant down and pads in drains. I spoke to Norm from Ohno and he said that aprox. 2 gal had gotten into drain I asked him to get vactor truck to remove material as this was a storm drain. Spill was cleaned up and contractor took waste

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
30a	N10	09/05/10	Spill Response	Rainier Ave S & S Holgate St	Separated	Diagonal Ave S CSO/SD	09/05/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Report via SPD of someone dumping gas into a MH. Arrived on scene and found CB on NW corner of Rainier Ave S & S Holgate St with motor oil in it. Advised DEM & ECY of situation and generated case #10-2893 / ERTS #622169. Advised Jason Potts of NRC of situation who started mobilizing crew to come to respond to scene. After closing right lane of SB Rainier Ave S, NRC vactored & pressure washed CB. It does not appear that any oil left structure. After NRC had left scene original caller contacted me and informed me that he saw responsible party dumping material into another MH as well as the one I just had cleaned. I went to reported inlet @ Rainier Ave S & 22nd Ave S and discovered that oil it as well. I phoned NRC and requested that they come back out to location. NRC arrived back at location and cleaned second inlet. No material left inlet due to it being full of dirt and trash.
30a	N9	10/01/10	Spill Response	1801 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	10/01/10	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	While driving by witnessed 3 individuals pressure washing engine & oily discharge going to drain. Stopped and educated them on code and asked them to clean up wash water. We got there at the start of the washing so only a little bit of wash water had made it to the drain, we used pads and booms to soak up oily water from CB. Conducted business inspection.
30a	O10	07/27/13	Spill Response	2009 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	07/27/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	
30a	O13	05/10/08	Spill Response	13th Ave S & S Grand St	Separated	Diagonal Ave S CSO/SD	05/10/08	Yes	No	Concrete/Cement	Construction	ORC called about company washing concrete into drain. Arrived at site and saw concrete washwater going down alley. Drain at bottom of alley has been impacted by concrete washout. Called NRC to do cleanup.
30a 30a	O9 P10	09/13/13 12/30/13	Spill Response Spill Response	1905 22nd Ave S 2114 22nd Ave S	Separated Separated	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	09/13/13 12/30/13	No No	No No	Fats, Oil and Grease (FOG) Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping Fixed business not implementing BMPs	Report of oil leaking from a waste oil tank at a auto repair shop. Went to site and saw traces of oil on the driveWy and evidence oil having gone down street to the inlet. I placed pads in inlet and around the leaking oil tank. This is a dispute between two business owners in the same building. I referred to SWQ for follow up.
30a	P10	02/24/10	Spill Response	2116 22nd Ave S	Separated	Diagonal Ave S CSO/SD	02/24/10	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
30a	P10	06/23/09	Spill Response	2100 22nd Ave S	Separated	Diagonal Ave S CSO/SD	06/23/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of fuel spill from abandoned vehicle. Arrived at scene, and found SFD there, they had placed patch/plug in leak. I placed absorbent on material. Fuel was on dirt in ditch it did not reach inlet.
30a	P10	12/19/11	Spill Response	2201 S Hill St	Separated	Diagonal Ave S CSO/SD	12/19/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of diesel dumped onto street and flowing to drains. Arrived onsite and met w/reporting party. Approximately 5 gal of diesel was spilled on ROW. Diesel was pooled in puddles. I used absorbent pads to soak up diesel and shovel to remove saturated soil. Generated two bads of waste, approximately 50 lbs each.
30a 30a	Q11 R8	07/29/13 10/27/12	Spill Response Spill Response	25th Ave S & S College St 1904 S Bayview St	Separated Separated	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	07/29/13 10/27/12	No No	No No	Soap/Washwater Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping Accidental Spill	Report of jug of oil left at curb. Used absorbent to pick up the material. No drains were affected.
30a	R9	06/22/12	Spill Response	S Waite St & 21st Ave S	Separated	Diagonal Ave S CSO/SD	06/22/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Responded to report of leaking vehicle. Advised owner of vehicle to clean up leak and hAve car repaired. While talking to RP was told about another vehicle down the street that was leaking also. I left door hanger for owner to please clean up soill.
30a	S12	11/25/13	Spill Response	Rainier Ave S & S McClellan St	Separated	Diagonal Ave S CSO/SD	11/25/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Trance To twice to disase clear to som.
30a	S12	03/18/09	Spill Response	Rainier Ave S & S McClellan St	Separated	Diagonal Ave S CSO/SD	03/18/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Spill of gasoline at pump station. DOE was onsite and notified us about spill. Spill happened while changing filters at pump.
30a	S12	11/25/09	Spill Response	Rainier Ave S & S McClellan St	Separated	Diagonal Ave S CSO/SD	11/25/09	Yes	No	Other	Accidental Spill	City Light transformer had leak and spilled transformer oil. Arrived at site and NRC and City Light crews were onsite and cleaning up area. I found more oil downstream that had impacted a CB, inlet, sidewalk and the street. City Light had NRC clean up the downstream area also. I advised Mary Yoder-Williams of our actions as well as Shannon Dickson from DOE.
30a	S12	12/31/10	Spill Response	2700 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	12/31/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of hydraulic line breaking on truck at Lowe's store on Rainier Ave. They had spill plan in place and no material reached any drains. Spill was already cleaned up when I arrived on scene.
30b	D11	05/29/13	Spill Response	2361 13th Ave S	Separated	Diagonal Ave S CSO/SD	05/29/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	
30b	E10	09/08/10	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD		No	No	Other	Accidental Spill	Small hydraulic fluid spill at OCC. Spill was cleaned up by OCC staff. There was no call to ORC by crew as incident fell under minor contained incident.
30b	E10	10/04/10	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Vehicle in SPU employee parking lot at OCC was leaking antifreeze. Pads and booms were placed around vehicle and nearby storm drain. Spill coordinator was notified and on standby in case the spill reached drain
30b	E10	11/05/11	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	11/05/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of hydraulic fluid spill in OCC parking lot. When I arrived at site the reporting party had already applied absorbent to spill. I swept the absorbent and disposed of in solid waste. No material made it to MS4.
30b	E10	03/03/11	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	03/03/11	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of diesel spill at OCC parking lot. SPU vehicle had diesel leak, which crews discovered after truck drove around parking lot and then headed to Charles St. Crews quickly applied absorbent to affected areas and protected drains with pads. They also called in vactor truck to clean out drains as a precaution.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
30b	E10	03/04/11	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	03/04/11	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Spill of diesel in parking lot from SPU vehicle. Crews applied absorbent, protected drains with pads and called in vactor/sweeper trucks to clean area.
30b	E10	11/29/12	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	11/29/12	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Oil spilled in the back of a pick-up truck at OCC employee parking lot went to drain. CB's were pumped and booms placed around drains. SDOT will sweep parking lot.
30b	E10	11/26/12	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of spill at OCC. Spill was in parking lot, nothing made it to drain. OCC staff cleaned spill and disposed of material. No site visit necessary.
30b	E10	05/17/12	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	05/17/12	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Accidental Spill	While unloading tank of Diesel/Kerosene fuel mix, approx 100 gallon fuel spill was caused when truck operator accidently ran pump backwards and fuel came out of the trucks tank vent and onto Airport Wy S. Emerald Services cleaned up all affected areas and drainage structures, including mainlines. Spill was into the combined system
30b	E10	05/29/13	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	05/29/13	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	
30b	E10	03/13/08	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	03/13/08	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Received call about diesel spill at parking lot of ORC. Arrived on site apparently new fire truck for SPU had broken fuel fill line and was leaking for unkown amount of time. Upon arrival found spill controlled sphag on ground booms around cb. There was only a slight amount of material in CB. NRC was called in to vactor out CB.
30b	E10	12/09/08	Spill Response	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	12/09/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Call from OCC about sheen entering storm drain. During site visit observed very light sheen in CB. Unable to recover material.
30b	F9	07/11/13	Spill Response	S ForeSt St & 7th PL S	Separated	Diagonal Ave S CSO/SD	07/11/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	
30b	F9	07/01/10	Spill Response	Airport Wy S & S ForeSt St	Separated	Diagonal Ave S CSO/SD	07/01/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of car oil spill going into CB. I located staining around CB at intersection. There did not appear to be any sheen or material actually in the CB. I used granular absorbent to clean street and put a small boom in the CB as a precaution. I was not able to identify a responsible party.
30b	F9	02/26/13	Spill Response	2755 Airport Wy S	Separated	Diagonal Ave S CSO/SD	02/26/13	No	No	Chlorinated Water	Other	While conducting inspections in area noticed liquid coming from building roll up door. Building looked vacant. It appears that a water line broke inside building. I called ORC and had water shut off to building.
30b	l12	12/19/14	Spill Response	15th Ave S & S Spokane St	Separated	Diagonal Ave S CSO/SD	12/19/14	No	No	Sediment	Construction	Report of construction site discharging turbid water to street. Went to reported area, but was unable to find any construction sites or water in road.
30b	l12	12/21/14	Spill Response	S Spokane St & S Columbian Wy	Separated	Diagonal Ave S CSO/SD	12/21/14	Yes	No	Sediment	Construction	Site was pumping turbid water onto street from an excavation pit. This is second visit to this site. I notified DPD and expect them to visit site shortly. I once again told them that they were not allowed to discharge offsite.
30b	l12	12/19/14	Spill Response	S Spokane St & S Columbian Wy	Separated	Diagonal Ave S CSO/SD	12/19/14	Yes	No	Sediment	Construction	Construction site was pumping turbid water out of an excavation they were doing for footing. I advised them that they were not allowed to discharge to the street. I advised DPD & ECY about the site. DPD said they would send an inspector out.
30b	18	02/06/08	Spill Response	6th Ave S & S Spokane St	Separated	Diagonal Ave S CSO/SD	02/06/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Arrived at site spoke with Sofai from SDOT she said it was a car accident that caused anifreeze spill. Sofai had put down saw dust on affected area about 20'x10'. I used 10 spill pads in CB to soak up antifreeze from CB.
30b	18	09/21/11	Spill Response	6th Ave S & S Spokane St	Separated	Diagonal Ave S CSO/SD	09/21/11	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	MVA involving semi truck and automobile caused oil spill to go to roadway and storm drain. SDOT applied absorbent to road and sweeper truck to pick up. Called NRC to clean drains.
30b	18	12/22/09	Spill Response	640 1/2 S Spokane St	Separated	Diagonal Ave S CSO/SD	12/22/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	While in field noticed spill on roadway. At spill site found van leaking oil into puddle. I used pads and boom on puddle & cleaned water. Spill or roadway was sheen only.
30b	19	05/02/12	Spill Response	3605 Airport Wy S	Separated	Diagonal Ave S CSO/SD	05/02/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Responded to report of multiple containers of oil & paint illegally dumped. Arrived at site and met EPA and caller on site. This site is private property so EPA secured the containers so they wouldn't spill. I contacted property owner and requested he properly dispose of containers.
30b	J8	01/11/10	Spill Response	7th Ave S & S Charlestown St	Separated	Diagonal Ave S CSO/SD	01/11/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of large amount of oil on the ground. Arrived at scene and saw a large amount of oil sludge in grAvel area near fence. I used oil pads and absorbent and got up as much contaminated material as possible. I took photos of area. I disposed of bagged material at Wbridge facility.
30b	K8	05/31/12	Spill Response	4025 7th Ave S	Separated	Diagonal Ave S CSO/SD	05/31/12	No	No	Other	Other	Report of antifreeze spill on street. Arrived at site and observed large puddle of what looked like antifreeze. I checked the area for sources but were unable to find any. Eventually it was determined that spill was not antifreeze but tracing dye from dye test conducted the other day. Case Closed
30b	K9	08/12/14	Spill Response	Airport Wy S & S Andover St	Separated	Diagonal Ave S CSO/SD	08/12/14	No	No	Sewage	RV Dumping	Report of RV dumping sewage in an unimproved alley. Called contractor in to clean up the affected areas. MS4 was not impacted.
30b	L2	04/25/08	Spill Response	14 S Idaho St	Separated	Diagonal Ave S CSO/SD	04/25/08	Yes	Yes	Other	Other	Received report of pop being dumped down CB. Arrived on site and saw employee of Zevia dumping cases of pop down CB. Made contact with Stacy business manager and advised that this was not allowed. Ecology arrived on site and source traces all the Wy to River. I advised Stacy that she would need to hire contractor to clean CB She hired NRC. Lalso conducted full business inspection.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
30b	L3	12/04/07	Spill Response	24 S Idaho St	Separated	Diagonal Ave S CSO/SD	12/04/07	No	No No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Received call from Ecology about accident involving truck that ruptured it's saddle tank spilling aprox. 10-15 gallons of fuel. Upon arrival at site Drain was protected by absorbant booms and dry absorbant and ponding had began. I requested that the absorbant be picked up I provied RP with trash bags for this purpose. Per RP and Liquor board staff about 1 gal. of fuel went into drain, none was recoverable upon my arrival.
30b	L9	09/20/10	Spill Response	4200 Airport Wy S	Separated	Diagonal Ave S CSO/SD	09/20/10	Yes	Yes	Garbage/Debris	Other	Large structure fire on Airport Wy & Sunny Jim building - Discharge from response went to storm drain and then to outfall at Duwamish River. I advised ECY and National Response Center of situation. Activated spill contractor NRC Environmental to boom outfall. NRC used boat to place boom in water around outfall. At time of fire water level of River was above crown of outfall so floatables would stay in structure. SPU DWW crew was onsite of fire to monitor if WQ
30b	M12	07/23/14	Spill Response	15th Ave S & S Oregon St	Separated	Diagonal Ave S CSO/SD	07/23/14	No	No	Automotive Fluid	Leaking Vehicle (no repair)	Metro bus broke a fuel line and spilled fuel onto roadway. They cleaned
30b	N4	01/13/15	Spill Response	4617 Colorado Ave S	Separated	Diagonal Ave S CSO/SD	01/14/15	Yes	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	up spill with a sweeper truck and absorbents. Report of oil dumped to grAvel. Arrived onsite and observed that approx. 10 gallons of product had been dumped to grAvel. Some made it to a CB also. I called in contractor to come and clean up the impacted areas and structures. Also advised SDOT that grAvel needed to be filled back in after removal of contaminated material.
30b	N7	02/16/13	Spill Response	S Alaska St & 6th Ave S	Separated	Diagonal Ave S CSO/SD	02/16/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Report of red fluid spilling from truck heading towards drain. When I arrived on site I observed the fluid, it had not reached drain yet. Truck owner was there with absorbent towels. I used on hand spill materials to help clean up spill. DRiver took material to household HazWaste to dispose of. No drains impacted.
30b	O4	04/14/14	Spill Response	4747 1st Ave S	Separated	Diagonal Ave S CSO/SD	04/14/14	No	No	Other	Accidental Spill	Semi truck had a drum of ink spill and leak onto roadway from trailer. No drains were impacted. Spiller had NRC clean up any affected areas.
30b	O4	11/17/11	Spill Response	70 S Alaska St	Separated	Diagonal Ave S CSO/SD	11/17/11	Yes	Yes	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	Wheel wash at Waste Management reload facility had pump failure. Large amount of contaminated water went into street and drains. WM called contractor to clean all affected structures and areas.
30b	O4	02/22/13	Spill Response	70 S Alaska St	Separated	Diagonal Ave S CSO/SD	02/22/13	No	No	Unknown	Accidental Spill	While performing business inspection at Waste Management facility noticed that rail car was leaking black liquid. Informed WM staff of situation and they called contactor to clean spill. Also had Eric Autry come to spill in order to sample material.
30b	O5	03/13/09	Spill Response	4700 Denver Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Other	Accidental Spill	Received call about spill at Union Pacific rail yard. I contacted Lori Levander (DOE) who referred the call, she stated that NRC had already been contacted by Union Pacific for site clean up.
30b	O5	08/03/12	Spill Response	4700 Denver Ave S	Separated	Diagonal Ave S CSO/SD	08/03/12	No	No	Unknown	Unknown	Report of someone cutting up an RV and fluids going to drain. I arrived at site and observed lots of debris and metal in the area but no fluids or other impacts to MS4. Checked surrounding drainage structures and did not see any product in them. SDOT will be coming next week to post no parking signs and clean area.
30b	Q8	07/13/13	Spill Response	5200 Denver Ave S	Separated	Diagonal Ave S CSO/SD	07/13/13	Yes	No	Soap/Washwater	Mobile business not implementing BMPs	
32	G1	08/28/14	Spill Response	E Marginal Wy S & 1st Ave S	Separated	Head of Slip 2 SD	08/28/14	No	No	Fats, Oil and Grease (FOG)	Accidental Spill	Large cooking oil spill happened when valve on General Biodiesel truck broke. They hired contractor and had all impacted areas cleaned and disposed of waste.
33	C4	07/02/09	Spill Response	210 S River St	Separated	S River St SD	07/02/09	No	No	Automotive Fluid	Leaking Vehicle (no repair)	No spill small spot on street.
33	C4	05/03/14	Spill Response	210 S River St	Separated	S River St SD	05/03/14	No	No	(Oil/Gasoline/Antifreeze, etc) Soap/Washwater	Mobile business not implementing BMPs	Report of washing into storm drains by mobile truck wash business. Went to reported site but was unable to find any signs of washing. Spoke to caller who says this is an ongoing issue.
33	D4	03/24/09	Spill Response	202 S River St	Separated	S River St SD	03/24/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Two City Light transformers were involved in accident and spilled large amount of transformer oil which got into storm drain system and threatened River. Had NRC mobilize clean up team as well as coordinate with National Response Center.
34	H8	06/06/13	Spill Response	6900 Fox Ave S	Separated	S Brighton St SD	06/06/13	No	No	Other	Accidental Spill	
36	B5	08/08/13	Spill Response	601 S Myrtle St	Direct	S Garden St SD	08/08/13	No	No	Unknown	Unknown	
38	E11	03/18/14	Spill Response	5906 23rd Ave S	Separated	I-5 SD at Slip 4	03/18/14	Yes	No	Concrete/Cement	, ,	s Report of construction company washing slurry down the street. Arrived onsite and observed what looked like concrete slurry wash on street and in the drainage ditch. There did appear to be fresh concrete work done at house. After speaking with homeowners and to construction company I was unable to determine the responsible party. No material to clean up as most of it had spaked into ditch.
38	F7	10/24/14	Spill Response	I-5 HWy & S Michigan St	Separated	I-5 SD at Slip 4	10/24/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report of car fire on I-5 causing spill of oil & gas. Checked the slip 4 outfall, did not see any evidence that it had been impacted. WSDOT said that they had contained fire and no fluids went to drain. No impact to the MS4.
41	P6	06/27/13	Spill Response	Airport Wy S & S Norfolk St	Separated	S Norfolk St CSO/PS#17/EOF/SD	06/27/13	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	
41	Q8	07/19/11	Spill Response	9833 40th Ave S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/19/11	Yes	No	Other	Accidental Spill	Report of large amount of hydraulic fluid going into drain. When I arrived on site SDOT had already been there and applied boom to CB & spag and cones around affected area. Called NRC to come clean CB and area. Advised ECY of incident. Eric Autry spoke to witness and got video tape of incident, will continue to investigate. No video available no RP found.

1	Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
1	·							Date	MS4?	Receiving Water?			, in the second
1	41	R5	01/19/15	Spill Response	3301 S Norfolk St	Separated	S Norfolk St CSO/PS#17/EOF/SD	01/19/15	No	No		Unknown	Report of diesel fuel spill at Unified Grocers parking lot. Arrived at site and observed that spill was contained to parking lot and to private CB.
1	41	R5	07/31/14	Spill Response	10430 E Marginal Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/31/14	No	No		Accidental Spill	Tractor trailer hit small concrete wall, punctured saddle tank. No release to MS4. Diesel leaked on asphalt & wash pad connected to
Mathematical Control	43	K5	02/08/13	Spill Response	4209 W Marginal Wy SW	Separated	SW Dakota St SD	02/08/13	No	No	Paint	Construction	While at Wbridge facility came across small spill of paint in driveWy,
March Marc	44	H5	02/11/10	Spill Response	4819 W Marginal Wy SW	Separated	SW Idaho St SD	02/11/10	No	No		Leaking Vehicle (no repair)	Report of antifreeze spill. Went to reported address and observed antifreeze on ground in parking space, puddle, and drain. I placed pads and absorbent on sheen and walking path. I also put a boom in
A	44	U4	11/04/11	Spill Response	W Marginal Wy SW & 26th Ave SW	Separated	SW Idaho St SD	11/04/11	No	Yes		Unknown	Report of sheen on the Duwamish in the area of the Longfellow Creek confluence. Went to reported area and observed sheen, Source traced the area and did not find any significant sheen in the MS4. Sheen seems to hAve come from the River and not the MS4, Advised Ecolog
Act Column Colu	44	U4	03/16/12	Spill Response	SW Spokane St & 26th Ave SW	Separated	SW Idaho St SD	03/16/12	No	No		Leaking Vehicle (no repair)	Metro bus had a coolant spill. Metro had vactor clean the street and affected CB. Metro also had street sweeper clean up any residual
Activation of the Control of Co	46	C7	08/11/14		6760 W Marginal Wy SW	Separated	Highland Wy SW SD	08/11/14	No	No		Accidental Spill	Large Diesel spill at fuel station caused when fuel tanker drove over lid to UST and diesel discharged onto pAvement. Spill did not leAve site and spiller called in contractor to clean all affected areas & structures.
Part	46	D7	03/16/10	Spill Response	W Marginal Wy SW & SW Front St	Separated	Highland Wy SW SD	03/16/10	No	No	• • • • • • • • • • • • • • • • • • • •	Accidental Spill	Spill of chemial to roadway. No impact to the stormwater system.
Accordance Major	46	D7	04/15/12	Spill Response	W Marginal Wy SW & SW Front St	Separated	Highland Wy SW SD	04/15/12	No	No		Accidental Spill	
46	46	D8	06/18/11	Spill Response	Highland Park Wy SW & W Marginal W	y S Separated	Highland Wy SW SD	06/18/11	Yes	Yes		Leaking Vehicle (no repair)	Report of diesel spilled onto roadway. WSP trooper followed trail of diesel from 405 freeWy to Highland Park Wy SW and SW Holden St. When I arrived on site SDOT had road closed. There was a tow truck that had run out of fuel. We devised a plan to clean the roadways and
4	46	F4	05/30/10	Spill Response	7101 Highland Park Wy SW	Separated	Highland Wy SW SD	05/31/10	No	No	Other	Motor Vehicle Accident	DIGIPOLOS
47 E8 1016913 Spil Response Windows S 2 1st Ave S S 2 Separated 1st Ave S S D (V) 1016913 No. No. Paral Response Windows S 2 1st Ave S S Reparated 1st Ave S D (V) 1025910 Yes No. Automotive Fluid (Obligacine/Ariffseez, etc) Automotive Fluid (Obligaci		L3											Report of paint in catch basin. When I arrived on scene I found CB halfull of paint. I had vactor truck pump CB and drain to sewer mainline per EA spill supervisor.
47 H6 1025:10 Spill Response T739 fst Ave S S Separated 1st Ave S SD (W) 1025:10 Yes No Automotive Fluid (ONG-assertine-Antifereze, etc.) 47 H8 12/12/12 Spill Response Table Response Train of Acceleration Spill Response Train Spill Respon	47	C6	02/18/14	Spill Response	Highland Park Wy SW & 2nd Ave SW	Separated	1st Ave S SD (W)	02/18/14	No	No	Unknown	Unknown	· · · · · · · · · · · · · · · · · · ·
47 H8 12/12/12 Spill Response 1 st Ave S & S Holden St Separated 1st Ave S SD (W) 12/12/12 Yes No Automotive Fluid (Dill/Gasoline/Antifreeze, etc) 47 I5 08/19/11 Spill Response 7717 Detroit Ave SW Separated 1st Ave S SD (W) 08/19/11 No No Automotive Fluid (Dill/Gasoline/Antifreeze, etc) 47 I9 05/11/13 Spill Response 1 30 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Ave S SD (W) 05/11/13 No No Other Accidental Spill Ave S SD (W) 05/11/13 No No Other Accidental Spill Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/14 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/14 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/14 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/14 No No Other Accidental Spill Sepanse 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/14 No No O											Automotive Fluid		•
47 I5 08/19/11 Spill Response 7717 Detroit Ave SW Separated 1st Ave S SD (W) 08/19/11 No No Automotive Fluid (Oil/Gasoline/Antifreeze, etc) site and found 5-5-galled lilegal Dumping and referre case to them. 47 I9 05/17/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/17/13 No No Other Accidental Spill (Oil/Gasoline/Antifreeze, etc) (Oil/Gasoline/Antifre	47	H8	12/12/12	Spill Response	1st Ave S & S Holden St	Separated	1st Ave S SD (W)	12/12/12	Yes	No		Accidental Spill	Semi truck lost approx 80 gallons diesel south of 1st Ave s Bridge on SR 509 near transfer station. Three catch basins impacted as well as shoulder. Inspector McDonald originally considered clean-up. Supervision responsibility the duty of Dept of Ecology. Confirmed site was cleaned adequately 2 days later, no product in catch basins, no
47 19 05/11/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/11/13 No No Automotive Fluid Accidental Spill Ac	47	15	08/19/11	Spill Response	7717 Detroit Ave SW	Separated	1st Ave S SD (W)	08/19/11	No	No		Illegal Dumping	Report of several containers of waste oil left on side of road. Arrived at site and found 5 5-gallon containers of used oil. It was not leaking and did not appear to hAve spilled. I called Illegal Dumping and referred
47 19	47	19	05/17/13	Spill Response	130 S Kenyon St	Separated	1st Ave S SD (W)	05/17/13	No	No	Other	Accidental Spill	vase IV Mem.
47 19 05/09/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/09/13 No No Other Accidental Spill 47 19 07/11/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 07/11/13 No No Other Accidental Spill 47 19 04/05/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/05/13 No No Other Accidental Spill 47 19 03/29/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/05/13 No No Other Accidental Spill 48 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/05/13 No No Other Accidental Spill 49 04/05/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) No Automotive Fluid (Oil/Gasoline/Antifreeze, etc) No drains were affected. 40 19 04/26/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/26/14 No No No Automotive Fluid (Oil/Gasoline/Antifreeze, etc) Grinds were affected. 47 19 05/13/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/13/14 No No No Other Accidental Spill Fuel line on wheel loader started leaking causing fuel to spill to grow No Automotive Fluid (Oil/Gasoline/Antifreeze, etc) Hydraulic hose broke on yard goat at the STS. Material was soaked (Oil/Gasoline/Antifreeze, etc) Grinds (Oil/Gasoline/Antifreeze, etc) Hydraulic hose broke on yard goat at the STS. Material was soaked that the STS is table to ground. 47 19 05/13/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/13/14 No No Other Accidental Spill Hydraulic tank on the yard goat at the SRDS overflowed to ground. 47 19 06/11/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 06/11/14 No No No Other Other Hose on bobaca the south transfer station busted. STS staff use											Automotive Fluid		
47 19 04/05/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/05/13 No No Other Accidental Spill 47 19 03/29/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) No No Automotive Fluid Accidental Spill Fluid Interval Staff used on hand spill materials to contain and clean the spin No drains were affected. 47 19 04/26/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/26/14 No No No Automotive Fluid Leaking Vehicle (no repair) Hydraulic hose broke on yard goat at the STS. Material was soaked (Oil/Gasoline/Antifreeze, etc) 47 19 05/13/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/13/14 No No Other Accidental Spill Hydraulic tank on the yard goat at the SRDS overflowed to ground. Transfer station staff used on hand spill materials to clean and dispose on the part of the spin transfer station busted. STS staff used on hand spill materials to contain and clean the spin No drains. 47 19 06/11/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/13/14 No No Other Other Other Hose on bobcat at the south transfer station busted. STS staff used on hand spill materials to contain and clean the spin No drains were affected. 48 19 06/11/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 06/11/14 No No Other Other Other Hose on bobcat at the south transfer station busted. STS staff used on hand spill materials to contain and clean the spin No Other Other Other Hose on bobcat at the south transfer station busted. STS staff used on hand spill materials to contain and clean the spin No Other Other Other Other Hose on bobcat at the south transfer station busted. STS staff used on hand spill to spil											Other	·	
47 19 03/29/13 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) No No No Automotive Fluid (Oil/Gasoline/Antifreeze, etc) STS staff used on hand spill materials to contain and clean the spind of the spill to grow of the gr							· /					·	
47 19 04/26/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 04/26/14 No No No Automotive Fluid (Oil/Gasoline/Antifreeze, etc) With absorbent, swept up, bagged & tagged. No product made it to drain. 47 19 05/13/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/13/14 No No Other Accidental Spill Accidental Spill Accidental Spill Transfer station staff used on hand spill materials to clean and dispose of spill. MS4 was not impacted. 47 19 06/11/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 06/11/14 No No No Other Other Hose on bobcat at the south transfer station busted. STS staff used								04/05/13			Automotive Fluid		Fuel line on wheel loader started leaking causing fuel to spill to ground STS staff used on hand spill materials to contain and clean the spill.
47 I9 05/13/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 05/13/14 No No Other Accidental Spill Hydraulic tank on the yard goat at the SRDS overflowed to ground. Transfer station staff used on hand spill materials to clean and dispose of spill. MS4 was not impacted. 47 I9 06/11/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 06/11/14 No No Other Other Hose on bobcat at the south transfer station busted. STS staff use	47	19	04/26/14	Spill Response	130 S Kenyon St	Separated	1st Ave S SD (W)	04/26/14	No	No		Leaking Vehicle (no repair)	Hydraulic hose broke on yard goat at the STS. Material was soaked up with absorbent, swept up, bagged & tagged. No product made it to
47 I9 06/11/14 Spill Response 130 S Kenyon St Separated 1st Ave S SD (W) 06/11/14 No No Other Other Hose on bobcat at the south transfer station busted. STS staff use	47	19	05/13/14	Spill Response	130 S Kenyon St	Separated	1st Ave S SD (W)	05/13/14	No	No	Other	Accidental Spill	Hydraulic tank on the yard goat at the SRDS overflowed to ground. Transfer station staff used on hand spill materials to clean and dispose
	47	19	06/11/14	Spill Response	130 S Kenyon St	Separated	1st Ave S SD (W)	06/11/14	No	No	Other	Other	Hose on bobcat at the south transfer station busted. STS staff used or

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
47	J9	02/26/11	Spill Response	2nd Ave S & S Kenyon St	Separated	1st Ave S SD (W)	02/26/11	No	No	Algae/Bacteria/Vegetation	Algae/Bacteria Bloom/Natural foam	Report of brown oily discharge coming from South park Transfer station construction project. Source traced area and determined that sheen is actually caused by iron bacteria. Discharge goes into drainage ditch and into WashDot wetland. Not a SWQ problem at this time.
47	J9	11/06/14	Spill Response	2nd Ave S & S Kenyon St	Separated	1st Ave S SD (W)	11/06/14	No	No	Heating Oil	Construction	Inspector McDonald responded to spill just south of South Transfer Center. Spill was reported as ruptured underground storage tank. After site visit inspector McDonald discovered no product had left tank. General Contractor has contacted Dept. of Ecology
47	K10	08/15/08	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	08/15/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	BR, MW Site visit. Met Lauren Cagle at the site. A hydraulic line had ruptured on a compactor unit and approximately 10 gallons had leaked onto the flor of the building. A drain is located inside the building next to the compactor that connects to sanitary. The drain was covered and protected and the spill had been contained inside the building.
47	K10	01/25/08	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	01/25/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Had 50 gallon diesel fuel spill at South Transfer Station. I called Jim Sifford KC Metro and called NRC to vactor out oil water seperator and catch basin where diesel entered. I also asked crew chief to notify dRivers not to leAve truck while fueling.
47	K10	01/02/08	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	01/02/08	No	No	Automotive Fluid	Leaking Vehicle (no repair)	South Transfer Station staff will nav for NRC clean up costs Flat bed dump truck had hydraulic leak in stall #7 at SRDS I applied
47	K10	01/22/08	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	01/22/08	No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid	Accidental Spill	absorbant, swept, bagged, and put in haz mat shed. Disel fuel spill from fueling nozzle spilling over. I applied absorbant,
47	K10	09/29/11	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	09/29/11	No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid	Other	swept up kept material out of drain, and put in haz shed. Hydraulic line on compactor at South Transfer Station broke causing
47	KIU	09/29/11	Spill Response	6100 Zild Ave S	Separateu	ISLAVE S SD (W)	09/29/11	NO	NO	(Oil/Gasoline/Antifreeze, etc)	Other	spill of approximately 20 gallons of hydraulic oil. STS staff used socks to secure drain and absorbents to clean up spill. Material was bagged and tagged for disposal.
47	K10	01/07/11	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	01/07/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Truck at SRDS sprung a leak started pouring oil at fueling station. Hardly anything got into drains, cleaned up with on hand materials.
47	K10	02/17/11	Spill Response	8100 2nd Ave S	Separated	1st Ave S SD (W)	02/17/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	While picking up and old truck & forklift a vendor truck burst a hose and had a hydraulic spill. Cleaned up with on hand materials. Nothing got into drains.
47	K7	05/30/11	Spill Response	8101 1st Ave S	Separated	1st Ave S SD (W)		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Waste Management truck had hydraulic fluid leak. They hired contractor and cleaned up spill themselves. Nothing reached the drains. Case closed.
47	M7	01/09/14	Spill Response	8425 1st Ave S	Separated	1st Ave S SD (W)	01/09/14	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Diesel release likely from truck saddle tank at Lion Trucking. Property Manager attempted rudimentary clean-up of spill with oil absorbent pads. Directed by SPU to take greater clean up action. Site Manager was advised to monitor trucks to avoid future spill, as well as to quickly call in spills to spill botline.
47	M7	10/09/13	Spill Response	8425 1st Ave S	Separated	1st Ave S SD (W)	10/09/13	No	No	Drainage	Drainage Problem	Case involved filling of private drainage ditch by private company on road shoulder. Ditch has been converted to culvert system.
47	N2	05/02/08	Spill Response	715 SW Cloverdale St	Separated	1st Ave S SD (W)	05/02/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Received call about illegally dumped bucket of antifreeze at a reservoir. Arrived at site and used seal on fuel bucket that material was in and took product to Wbridge facility.
47	U1	03/14/10	Spill Response	8th Ave SW & SW Roxbury St	Separated	1st Ave S SD (W)	03/14/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report of auto fluid going to drain from MVA. Went to scene and observed some staining from MVA. Absorbent had already been applied to spill and the only other staining was from water. There is no active spill here & no impact to the MS4
49	A7	11/28/12	Spill Response	5th Ave S & S Webster St	Separated	7th Ave S SD	11/28/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Unknown spiller spilled oil in the street. Most of spill was contained in puddles on the street for about 200'. Contractor was called in to suck up the oil/water puddles and clean the street.
49	В7	06/26/12	Spill Response	509 S Austin St	Separated	7th Ave S SD	06/26/12	No	No	Other	Accidental Spill	Truck had accidental spill of machine oil. Spiller hired contractor and cleaned up spill. I checked area and saw no sign of material in drains.
49	В7	06/02/14	Spill Response	S Austin St & 5th Ave S	Separated	7th Ave S SD	06/02/14	No	No	Other	Accidental Spill	Spill of hydraulic oil occurred while company was having a piece of equipment delivered. Spiller cleaned up impacted area. No drains were affected.
49	В9	11/01/12	Spill Response	700 S Riverside Dr	Separated	7th Ave S SD	11/01/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of sheen on Duwamish. Arrived at reported area, observed sheen on Duwamish. Did not appear to be any recoverable product. Checked nearby structures, did not find any recoverable product. Unable to determine source of sheen
49	C6	06/03/11	Spill Response	233 S Holden St	Separated	7th Ave S SD	06/03/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	While driving noticed puddle of diesel on ROW. I used pads to clean up spill in ROW and on shoulder. I used 12 pads and hauled approximately 100lbs of contaminated grAvel. Disposed of in Solid waste. Source was likely leaking fuel tank from truck
49	D7	08/28/14	Spill Response	5th Ave S & S Kenyon St	Separated	7th Ave S SD	08/28/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of oil spill to roadway from piece of machinery. Arrived at site and observed diesel spill form what appeared to be a fuel line that had been cut on a piece of machinery. I spoke to Alaska Logistics who said it was their equipment, they hired contractor to clean up spill. Street is uppayed here and MS4 was not impacted.
49 49	F9 L4	07/23/13 01/23/09	Spill Response Spill Response	7th Ave S & S Elmgrove St 309 S Cloverdale St	Separated Separated	7th Ave S SD 7th Ave S SD	07/23/13 01/23/09	Yes No	No No	Sewage Fats, Oil and Grease (FOG)	RV Dumping Illegal Dumping	While at industrial park on unrelated inspection noticed CB's full of
	L4	01/23/09	орііі ілеаропае	503 5 Gioverdale St	Ge parateu	A ALL AVE O OD	0 (/23/09	INU	NU	i als, Oil and Olease (FOG)	шедаг Биттриту	while at industrial park of unrelated inspection holded CB's full of what appeared to be cooking oil. Investigated area and talked to property manager who will write letter to all residents of industrial park. Property Management had CB's vactored out.

Мар No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
50	F15	12/08/11	Spill Response	1608 S 96th St	Direct	S 96th St SD	12/08/11	No	No No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of sheen on Duwamish River near South Park Bridge. After source tracing River it was determined that sheen was coming from upRiver outside of City limits. ECY, King County & Tukwila Fire took over case. No recoverable product was found inside City limits.
50	F7	08/29/14	Spill Response	420 S 96th St	Separated	S 96th St SD		No	No	Unknown	Unknown	Report of paint cans knocked over and flowing to drain. Site is not in Seattle, referred back to ECY and let them know that outside of City limits.
51	А9	12/03/12	Spill Response	21st Ave & E Union St	Combined	Combined sewer basin	12/03/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of oil going into storm drain. Arrived at site and spoke to owner of auto repair shop. He said that customer car leaked oil onto street, sidewalk, and parking lot. I used oil pads & absorbent to clean up oil in the street and sidewalk. Owner cleaned up parking lot. Area on combined
51	A9	06/27/13	Spill Response	23rd Ave & E Union St	Combined	Combined sewer basin	06/27/13	No	No	Garbage/Debris	Accidental Spill	
51	A9	12/04/08	Spill Response	1431 24th Ave E	Combined	Combined sewer basin	12/04/08	No	No	Sediment	Other	No spill, dumping, or residue.
51	A9	05/07/08	Spill Response	21st Ave E & E Olive St	Combined	Combined sewer basin	05/07/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Recived spill report about car leaking oil into storm drain. Arrived on site and had owner move car aWy from drain. I then cleaned up oil on pAvement with absorbant pads and placed sock in the outlet pipe for inlet
51	В8	07/09/09	Spill Response	411 12th Ave	Combined	Combined sewer basin	07/09/09	No	No	Unknown	Unknown	Report of fuel odor in building coming from plumbing. Went to site with ECY spills and we were able to detect the odor we performed some tests but were unable to determine the source of the odor. We gAve customer list of service contractors to clean detention system in hopes that may help and also suggested they hire and industrial hygienist.
51	В8	09/25/14	Spill Response	13TH Ave & E Jefferson St	Combined	Combined sewer basin	09/25/14	No	No	Other	Accidental Spill	SPU vactor truck blew a hydraulic hose and spilled fluid onto street and into drains. Called in contractor to clean all impacted structures and
51	В8	03/21/10	Spill Response	12th Ave E & E Jefferson St	Combined	Combined sewer basin	03/21/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	surrounding area. Area on combined. Report of antifreeze going to drain from MVA. When I arrived at site SDOT had already cleaned up site. CB went to combined. I swept up remaining spag on ground, no further actions planned.
51	В8	08/02/09	Spill Response	13th Ave E & E Cherry St	Combined	Combined sewer basin	08/02/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Mary from SDOT reported antifreeze in a catch basin. I arrived at site and saw the antifreeze in the catch basin. I used grey pads and soaked up antifreeze.
51	B8	02/02/13	Spill Response	1300 E Marion St	Combined	Combined sewer basin	02/02/13	No	No	Paint	Unknown	Report of paint dumped into drain at intersection. Arrived at site and observed paint on street, I checked the drains and did not see any paint in them. I used absorbent to sweep up paint from street. I placed pads and booms in drains in case it rains. Area on combined.
<u>51</u> 51	B8 B9	09/26/13 09/08/07	Spill Response Spill Response	908 12th Ave 515 22nd Ave	Combined Combined	Combined sewer basin Combined sewer basin	09/08/07	No No	No No	Fats, Oil and Grease (FOG) Paint	Illegal Dumping Fixed business not implementing BMPs	Received report of paint spill into CB. Went to site and saw paint on grate. Talked with onsite contact for building contractor had washed out paint sprayer. I educated company about proper disposal of paint and
51	C7	08/20/12	Spill Response	9th Ave & Alder St	Combined	Combined sewer basin	08/20/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of fluids spilled from Metro bus. Metro had crew clean the spill and the affected CB's. Area was on the combined.
51	C7	12/09/11	Spill Response	1011 E Terrace St	Combined	Combined sewer basin	12/09/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	CleanScapes truck broke a hydraulic line and spilled fluid to street. CleanScapes cleaned up area. No impact to stormwater. Case closed.
51	C7	05/17/13	Spill Response	10th Ave & E Terrace St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	
51	C8	03/07/14	Spill Response	1207 S Jackson St	Combined	Combined sewer basin		No	No	Fats, Oil and Grease (FOG)	Mobile business not implementing BMPs	s Report of FOG being dumped into storm drain in parking lot by restaurant. After talking to reporting party decided to refer this to SWQ, Hood cleaning company was cleaning hood in parking lot and letting waste go to drain. This is on the combined.
51	C8	06/29/12	Spill Response	12th Ave S & S Jackson St	Combined	Combined sewer basin	06/29/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Construction	Contractor working on PSE infrastructure had hose blow out on one of their trucks causing spill of hydraulic fluid to roadway. No material reached the MS4. Spiller hired contractor and cleaned up all affected areas.
51	C8	01/12/11	Spill Response	Yesler Wy & 13th Ave	Combined	Combined sewer basin	01/12/11	No	No	Paint	Illegal Dumping	Report of paint leaking from back of pickup truck. After I arrived on scene I contacted caller to get more information Caller said is Alex w/lllegal Dumping he said that citizen had called in complaint the day before. I located the truck which appeared to be abandoned. A passerby stated that the vehicle had been there for about two weeks. The containers in back of truck were completely overflowing with rainwater I placed some pads in the tailgate area and used drum liners to cover the buckets. I then called the abandoned vehicle line to hAve
51	C8	01/27/12	Spill Response	118 12th Ave	Combined	Combined sewer basin		No	No	Fats, Oil and Grease (FOG)	Unknown	Report of dirty water spill, There is history of side sewer problems at this address. Forwarded case to FOG, KCPH & FSS. Site is on combined.
51	C8	04/10/14	Spill Response	1209 E Fir St	Combined	Combined sewer basin	04/10/14	No	No	Unknown	Unknown	Report of oily runoff entering drains from auto repair business. Went to reported site and looked for staining or other evidence of a spill. I was unable to find any new staining or other pollutants entering nearby drains. Area is on the combined.
51	C8	02/15/14	Spill Response	1115 E Fir St	Combined	Combined sewer basin	02/15/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of oil leaking from a tractor at a construction site. Arrived at site and after talking to complainant found the tractor. There was only a few drops on the ground. Area is combined, not a SWQ issue.
51	C8	09/27/10	Spill Response	16th Ave E & E Alder St	Combined	Combined sewer basin	09/27/10	No	No	Unknown	Unknown	Report of bleach smell in CB's. Went to reported location, I detected a strong bleach smell in line connected to reported CB. I source traced line but was unable to find source. Area is on combined. I called King Co WW treatment plant to let them know of issue

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
51	C9	04/24/14	Spill Response	161 20th Ave	Combined	Combined sewer basin	04/24/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Hose on SPU vactor truck broke and spilled several gallons onto ROW. Crews used dirt to make a berm and stopped any product from reaching drains. Contractor was called to clean up spill. Area is in the Madison valley drainage area which goes to combined.
51	D7	11/23/14	Spill Response	10th Ave S & S Dearborn St	Combined	Combined sewer basin	11/23/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Spill on SDOT right-of-Wy involving SDOT drain. Contamination of soil, drain and roadway. Forward issue to ECY for coordination with WSDOT.
51	E8	07/07/08	Spill Response	1220 S Holgate St	Combined	Combined sewer basin	07/07/08	No	No	Soap/Washwater	Washing-Residential	ORC called about someone dumping antifreeze onto street. Went to site and found resident had washed engine of vehicle license #642-XGU. There was about 1 gallon of water on ground, water was still in immediate area and did not reach drain. I gAve citizen spill pads to contain water and educated about stormwater code.
51	E8	02/08/10	Spill Response	1761 Sturgus Ave S	Combined	Combined sewer basin	02/08/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of neighbor working on cars and causing auto fluids to go to drain. Went to area, saw some staining under vehicle but no free product. Area is on combined. Area is also private property and not a listed as a City street on GIS. There are no drains in area just an electrical vault
51	E8	10/09/13	Spill Response	I-90 Wy & Poplar PI S	Combined	Combined sewer basin	10/09/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	
51	F9	07/17/09	Spill Response	2317 21st Ave S	Combined	Combined sewer basin	07/19/09	No	No	Other	Other	Call about unknown material being pumped down driveWy. I arrived on site and discoed that material was just regular water from garden hose.
51	G2	06/04/14	Spill Response	35th Ave SW & SW Hinds St	Combined	Combined sewer basin	06/04/14	No	No	Paint	Illegal Dumping	Arrived at site. Can of paint was gone, but there was paint spilled on stairWy and the surrounding bushes. I cut back the bushes that had paint on them and used pads to soak up the wet paint on the stairWy. Area on combined
51	G2	09/22/14	Spill Response	3022 36th Ave SW	Combined	Combined sewer basin	09/22/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of vehicle leaking auto fluids to street. Arrived at site and observed leaking vehicle. Spill is contained to area under the vehicle, no fluids hAve reached any drainage structures. I left note with house that is probable vehicle owner to hAve it repaired. Area is on combined.
51	G3	09/16/10	Spill Response	3600 23rd Ave SW	Combined	Combined sewer basin	09/16/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Large diesel spill from jackknifed semi truck. Arrived at scene and SDOT was onsite, they spread spag and used pads and booms to protect drains. I checked the Duwamish for sheen and did not see any. Area of accident was on combined. No material made it the MS4.
51	G9	02/23/13	Spill Response	S Walden St & Martin Luther King Jr W	y S Combined	Combined sewer basin	02/23/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Broken/Blocked side sewer or pipe	On 2/23/13 I responded to a Dept. of Ecology report of coolant in drainage structure at the intersection of Martin Luther King Wy S and S Walden St. After investigating the site I concluded that the yellowish green color in the drainage structures was in fact tracing dye. The area also drains to the combined system. Further information was gathered that confirmed the fact as an ERTS detailing a side sewer break just upstream from the impacted drainage structures was filed the following day. Drainage and wastewater crews are following up on the potential
51	G9	03/23/11	Spill Response	3200 23rd Ave S	Combined	Combined sewer basin	03/23/11	No	No	Unknown	Unknown	Report of oil or gas on sidewalk near school. Went to reported area and was unable to find any evidence of spill. Checked the surrounding area for sources of and was unable to find anything.
51	G9	01/20/10	Spill Response	3048 20th Ave S	Combined	Combined sewer basin	01/20/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of antifreeze spill in the gutter. We arrived onsite to find approximately 2 gallons of antifreeze spilled in the street. Unknown party used absorbent to clean up spill, we swept up and disposed of material.
51	H10	03/09/14	Spill Response	4028 Martin Luther King Jr Wy S	Combined	Combined sewer basin	03/09/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	People working at 4028 MLK were doing auto repair work outside, hAve made a mess of site, sheen everywhere. Ongoing, reported by neighbor. BS required cleanup, property owner used towels, sand and cleaned up sheen. Drain is on neighbors property and it is combined. I asked the 4028 persons to clean up and came back when they said they would hAve it clean. Showed them proper spill equipment to use like pads, bags & booms. Education produced follow up would be to
51	H2	02/09/09	Spill Response	35th Ave SW & SW Avalon Wy	Combined	Combined sewer basin	02/09/09	No	No	Concrete/Cement	Construction	Spill of large amount of concrete slurry running off jobsite. Arrived on scene and found 12" wide stream of slurry going into street and the nearest CB. The slurry had hardened to the street. I called NRC to respond to the site. NRC arrived and vactored out the CB and cleaned up street
51	H2	02/12/15	Spill Response	35th Ave SW & SW Avalon Wy	Combined	Combined sewer basin	02/12/15	No	No	Unknown	Mobile business not implementing BMPs	s Report of business pressure washing parking lot to drain. Arrived at site and spoke to manager, he said that they had their pressure washing contractor out to clean the parking lot. I requested that they
51	НЗ	12/22/07	Spill Response	3617 19th Ave SW	Combined	Combined sewer basin	12/22/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	hAve the drain clean and educated them on code. Received call while on another spill in W Seattle during site visit found motor oil in roadway and at bottom of street. Oil looks like it was poured across center of CB and tracked back across roadway. I contacted NRC to pressure wash street and vac out CB's. I also provided home owners in area with oil absorbant pads to place in doorWy and in cars to prevent contamination.
51	H7	11/11/08	Spill Response	3922 7th Ave S	Combined	Combined sewer basin	11/11/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Received call about dumping of oil behind building. Went to site, caller had used his own spill kit to help contain spill while waiting for spill coordinator. 5-15 gallons of engine oil were dumped from parked truck. Called NRC to do clean up.
51	H7	06/06/13	Spill Response	3801 7th Ave S	Combined	Combined sewer basin	06/06/13	No	No	Unknown	Unknown	SAMON INTO HO GO GRAFIE AND.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
map No.	Grid ito.	Guod Build	cass Type	One Address	Cowor Glaco	- Culium	Date	MS4?	Receiving Water?		Guust	
51	H7	02/04/09	Spill Response	3801 7th Ave S	Combined	Combined sewer basin	02/04/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Received call about diesel spill. Responded to scene and met with Mike Jeffers from DOE and the RP. It appears that a truck had been parked on a hill and leaked diesel fuel. The RP called NRC directly and they cleaned up the spill.
51	I1	02/04/13	Spill Response	4740 36th Ave SW	Combined	Combined sewer basin	02/04/13	No	No	Heating Oil	Unknown	Report of heating oil coming from sump pump, I took sample and referred to Surface Water Quality for follow up. Area on combined.
51	I1	09/03/11	Spill Response	4710 42nd Ave SW	Combined	Combined sewer basin	09/03/11	No	No	Fats, Oil and Grease (FOG)	Fixed business not implementing BMPs	
51	I1	10/22/14	Spill Response	SW Alaska St & 37th Ave SW	Combined	Combined sewer basin	10/22/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of diesel fuel spill. Went to reported location, was unable to find evidence of spill. Area on combined.
51	I1	06/19/13	Spill Response	41st Ave SW & SW Alaska St	Combined	Combined sewer basin	06/19/13	No	No	Concrete/Cement	Illegal Dumping	
51	l1	07/12/13	Spill Response	41st Ave SW & SW Alaska St	Combined	Combined sewer basin	07/12/13	No	No	Concrete/Cement	Unknown	Concrete/cement being forced up from asphalt area at 4701 41st Ave SW, in combined. Referred to SDOT.
51	I1	07/27/09	Spill Response	4457 Fauntleroy Wy SW	Combined	Combined sewer basin	07/27/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Spill of hydraulic fluid from tow truck. When I arrived on site tow truck company was sweeping area. I opened CB and discovered hyd. Fluid in CB. I used absorbents and bailed out liquid from CB. Tow company disposed of waste.
51	I10	02/15/10	Spill Response	4247 Letitia Ave S	Combined	Combined sewer basin	02/15/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Received report about gasoline going into drain in alley. Investigated area, unable to find spill, all drains in area are on combined. No further
51	16	11/29/09	Spill Response	4400 4th Ave S	Combined	Combined sewer basin	11/29/09	No	No	Unknown	Unknown	action taken. Received call about heating oil drum leaking into private catch basin. Went to site but was unable to find drum or product entering drain. There was large amounts of sand in parking lot around CB. General Manager at building said it was from icy conditions week before. I placed a few pads into CB to see if any product in CB, they came up
51	J12	08/06/09	Spill Response	46th Ave S & S Lucile St	Combined	Combined sewer basin	08/06/09	No	No	Paint	Unknown	Report of paint dumped into catch basin. Arrived at site at observed that paint was in the catch basin. I used 10 grey pads to soak up paint
51	J5	07/06/12	Spill Response	E Marginal Wy S & S Brandon St	Combined	Combined sewer basin	07/06/12	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Accidental Spill	in system. CB is on combined so no WQ threat. Limestone dust spill to roadway due to valve accidently being left open while truck was driving down roadway. Spiller called contractor to clean all CB's and area of spill. No material confirmed in MS4, cleaning is
51	J6	09/26/13	Spill Response	5701 1st Ave S	Combined	Combined sewer basin	09/26/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	precautionary measure
51	J6	05/27/11	Spill Response	5600 4th Ave S	Combined	Combined sewer basin	05/27/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of semi trucks parked on City ROW changing oil and dumping onto ground. Went to reported location and was unable to find any signs of spills or illegal dumping. Referred to Surface Water Quality. Area on combined.
51	J6	02/14/14	Spill Response	4th Ave S & S Findlay St	Combined	Combined sewer basin	02/14/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	J6	10/10/14	Spill Response	5517 4th Ave S	Combined	Combined sewer basin	10/10/14	No	No	Sewage	Broken/Blocked side sewer or pipe	Report of sewage/grey water surfacing. Conducted site visit. Called ORC w/sewage surfacing report. Requested referral to residential
51	J6	02/05/09	Spill Response	1st Ave S & S Lucile St	Combined	Combined sewer basin	02/05/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	aroup. All goes to combined. Received call about hydraulic oil spill from concrete mixer truck. Arrived on scene and saw that Glacier truck had broke hydraulic line and spilled approx 5 gallons of hydraulic oil. Glacier mechanic on scene had placed pads before CB's and had called SDOT sweeper truck. Glacier also called in vactor truck to finish up clean up.
51	J6	04/08/13	Spill Response	1st Ave S & S Lucile St	Combined	Combined sewer basin		No	No	Concrete/Cement	Accidental Spill	Copncrete spill to the roadway. SPU Water Ops and Spill Response cleaned spill with assistance of the responsible party and teir contractor.
51	J6	11/05/09	Spill Response	5421 1st Ave S	Combined	Combined sewer basin	11/05/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of spill to combined form broken hose. Spiller cleaned no MS4 impact.
51	J6	06/06/10	Spill Response	5400 2nd Ave S	Combined	Combined sewer basin	06/06/10	No	No	Other	Mobile business not implementing BMP:	Report of cleaning company dumping floor wax, stripper and other chemicals into street and drains. Arrived on site and observed spill along curb line. It is about 50 gallons of fluid. It did not reach the CB due to witness who protected the drain when he saw cleaning compan dump waste. I spoke with the cleaning company and had them clean up spill. I remained on site until street was clean.
51	J6	05/11/10	Spill Response	1st Ave S & S Hudson St	Combined	Combined sewer basin	05/11/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report from Emerald Services of a 25 - 30 gallon spill of hydraulic fluid onto street. When I arrived at site Emerald was already cleaning up spill. Drains were not impacted.
51	J7	07/11/08	Spill Response	676 S Orcas St	Combined	Combined sewer basin	07/11/08	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Illicit Connnection	Call about paint or slurry being dumped into a drain. Went to site, business has non permitted connection to side sewer. I called DPD and they will pass case on to side sewer inspector.
51	J7	11/13/14	Spill Response	622 S Orcas St	Combined	Combined sewer basin	11/13/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Report of used oil buckets spilled in ROW. Found the buckets & secured them for Illegal Dumping to pick up. There was some oil spilled in immediate area of buckets. Used absorbent to clean, no drains impacted. Area on combined.
51	J7	11/11/08	Spill Response	Airport Wy S & S Lucile St	Combined	Combined sewer basin	11/11/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Received call about oil sheen, Went to location, found sheen called SDOT for sweeper truck to clean up curb. Installed socks and booms inside catch basins in area for future purposes.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	J7	04/04/11	Spill Response	Airport Wy S & S Lucile St	Combined	Combined sewer basin	04/04/11	No	No No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Semi truck was involved in accident with train. Approximately 50 gallons of fuel was spilled onto ground. When I arrived onsite the remaining fuel in the saddle tank was being pumped into fuel cans, and the drain in the area was covered with a gel mat. Fuel did not appear to hAve made it into the drain. We checked D/S structure and did not find any odor or sheen. After saddle tanks were pumped and fuel on ground cleaned up NRCES removed gel mat and cleaned the
51	J7	01/27/15	Spill Response	Airport Wy S & S Lucile St	Combined	Combined sewer basin	01/27/15	No	No	Unknown	Unknown	Report about truck leaking oil & gas onto street. Went to reported site and was unable to find any signs of a spill. Tried to contact caller to ge more info but caller did not answer and was unable to leAve message.
51	J8	08/27/14	Spill Response	5511 20th Ave S	Combined	Combined sewer basin		No	No	Sewage	Illegal Dumping	Area on combined, Neighbor to Neighbor issue, did not respond. Not an SWQ issue.
51	J8	12/29/13	Spill Response	1560 S Shelton St	Combined	Combined sewer basin	12/29/13	No	No	Odor	Unknown	Report of gasoline smell coming from the sump pump. I did not observe any signs of oil/gasoline in the sump pump or near the house. I forwarded this to SWQ for further investigation.
51	J9	05/31/13	Spill Response	2012 S Brandon St	Combined	Combined sewer basin	05/31/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	
51	K12	10/21/07	Spill Response	4605 Raymond Dr	Combined	Combined sewer basin	10/21/07	No	No	Other	Other	Got call about illeagal dumping of carpet cleaning solution into storm drains. Went to investigate area, could not find evidence of dumping at address given checked all storm drains in 1 block radius still could not find anything. Called contact number and got answering machine.
51	K2	06/01/12	Spill Response	6027 29th Ave NE	Combined	Combined sewer basin	06/01/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of strong paint thinner smell in basement. Arrived on site and spoke to caller, After examining site we determined that source was actually a leaking shredder on his property. I requested him to hAve shredder leak fixed and spill cleaned up. Area on combined.
51	K6	03/21/11	Spill Response	4th Ave S & S Michigan St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report of Metro bus spilling coolant down drain, Metro hired contractor and cleaned out CB's and affected structures. Area on combined.
51	K7	06/06/08	Spill Response	Flora Ave S & S Eddy St	Combined	Combined sewer basin	06/06/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Spill of steering fluid in the combined RP - hired contractor to clean roadway EA & ES site visit.
51	K7	08/28/13	Spill Response	6250 Ellis Ave S	Combined	Combined sewer basin	08/28/13	No	No	Sewage	RV Dumping	
51	K7	11/08/11	Spill Response	6200 Corson Ave S	Combined	Combined sewer basin	11/08/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of diesel spill at gas station flowing into street. When I arrived at site attendant was actively sweeping up absorbent. Spill appeared to be less than a gallon, It did not appear to hAve gone into street, Area on combined.
51	K7	01/22/14	Spill Response	S Bailey St & Carleton Ave S	Combined	Combined sewer basin	01/22/14	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Accidental Spill	Hazmat spilled to roadway, consulted w/SFD Hazmat. Dispose of at Wbridge, no MS4 impact.
51	K7	09/22/14	Spill Response	Corson Ave S & S Michigan St	Combined	Combined sewer basin	09/22/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Report of diesel fuel spill at gas station. Arrived at site and spoke to employee who said that spill was from a semi truck. Spill was contained with absorbents. No drains were affected and area is on combined. Gas station employees will clean and dispose of waste.
51	K7	02/22/14	Spill Response	6100 12th Ave S	Combined	Combined sewer basin	02/22/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of large amount of sheen on road. Arrived at site and observed that a quart of oil had been run over in the roadway. I called SDOT and requested that they send a crew to clean the roadway. This is in the combined area.
51	К7	02/03/14	Spill Response	7th Ave S & S Orcas St	Combined	Combined sewer basin	02/03/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Private vehicle had gas tank vandalized, resulting of a release of a reported 20 gallons of gas. Seattle Fire, Police, SDOT responded. Kitty litter was placed on spill. Spill responder McDonald evaluated site and had NRC clean street, inlet and evacuated catch basin via vacuum truck. No agencies notified as product did not move past single CB.
51 51	K8 K8	07/15/13 10/22/14	Spill Response Spill Response	Stanley Ave S & S Hardy St 16th Ave S & Swift Ave S	Combined Combined	Combined sewer basin Combined sewer basin	07/15/13 10/22/14	No No	No No	Other Automotive Fluid	Other Accidental Spill	Garbage truck had spill of transmission fluid. They hired contractor to
	K9									(Oil/Gasoline/Antifreeze, etc) Automotive Fluid	<u> </u>	clean up spill. Area on combined.
51		06/30/14	Spill Response	6055 24th Ave S	Combined	Combined sewer basin	06/30/14	No	No	(Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Spill t the roadway in the combined area. Not a SWQ threat. Cleaned by RP
51	L3	10/18/10	Spill Response	7200 Delridge Wy SW	Combined	Combined sewer basin	10/18/10	No	No	Unknown	Unknown	Report of dark red liquid in CSO hydrobrake, arrived at structure and met crews who were cleaning hydrobrake. Checked storm line and verified that material did not reach storm. Red material is in sanitary flow, and came through for limited amount of time. It is no longer traceable, may be from a sanitary discharge and not a spill
51	L6	04/29/10	Spill Response	6734 E Marginal Wy S	Combined	Combined sewer basin		No	No	Unknown	Unknown	Report of milky substance in drains. Substance is most likely paint wash. Similar report for same thing came in on 4/27/10. I informed crew that spill response would not be able to help in this situation and that they should request guidance from their supervisor.
51	L6	04/27/10	Spill Response	6770 E Marginal Wy S	Combined	Combined sewer basin	04/27/10	No	No	Unknown	Unknown	Report from crew of unknown substance in MH. Arrived on site and observed large amount of unknown substance flowing down broken pipeline. Material appears to be coming from State D.O.T. machine facility, but unable to prove where or when waste was generated from. Material is in a combined line. No further action taken
51	L6	06/22/14	Spill Response	6701 6th Ave S	Combined	Combined sewer basin	06/22/14	No	No	Process Wastewater	Accidental Spill	Report of spill during transfer of wastewater. Spill was contained to sump on site. Spiller cleaned and disposed of waste. Site on combined.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
51	L7	08/04/08	Spill Response	6901 Carleton Ave S	Combined	Combined sewer basin	08/04/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Received report of vehicle leaking fluids into street drain. Arrived on site applied sphag, and put oil booms in drain. Referring case to Water Quality Complaint group.
51	L7	10/29/10	Spill Response	6715 Carleton Ave S	Combined	Combined sewer basin	10/29/10	No	No	Sewage	RV Dumping	Report of RV discharging sewage into drainage system. I arrived at area and located the reported RV. RV had slow leak coming from sewage discharge line. Drip appeared to go to CB which was about 5 feet aWy. I spoke to owner of RV and educated about code and requested he repair his vehicle. He stated that he had an oil pan to catch the leak and would move the RV on Sunday to get it repaired. I agreed to this since the leak was very slow as long as the drip pan he
51	L7	10/14/10	Spill Response	6700 Carleton Ave S	Combined	Combined sewer basin	10/14/10	No	No	Sewage	RV Dumping	Report of RV discharging sewage onto street. Went to reported location and found RV, ground is wet by piping. Stain has not reached the drain yet. I left a door hanger on the RV. The area is on the combined.
51	L9	04/02/10	Spill Response	Swift Ave S & S Willow St	Combined	Combined sewer basin	04/02/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report of fluids from MVA going to CB. When I arrived onsite spill response, SDOT & SPD were already on scene. SDOT put absorbent on area and had called sweeper truck. I placed oil absorbent boom and pillows in CB to soak up residual oil, CB goes to combined. Returned a few days later to remove booms and pillows, it appears that all the oil had been absorbed from CB.
51	M6	06/22/11	Spill Response	7272 W Marginal Wy SW	Combined	Combined sewer basin	06/22/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Waste Management truck spilled 5 gallons of antifreeze. They hired contractor and cleaned affected CB and surrounding area.
51 51	M7 M7	01/11/14 06/24/14	Spill Response	8th Ave S & S Monroe St	Combined Combined	Combined sewer basin Combined sewer basin	01/11/14 06/24/14	No No	No No	Other Sewage	Unknown RV Dumping	Report of motor oil being washed down drain from an RV. Arrived at
			Spill Response	8th Ave S & S Kenyon St		Combined Sewer Dasin			INO	Gewage		site and found RV, observed some staining in curb line. Spoke to owner of RV who stated that they had used a hose to wash windshield, but had not washed any oil down drain. As I was there some people were working on RV fixing a leaking line. I advised them about code. Area on combined. I checked nearby drain, did not see any materials in it.
51	M7	04/22/10	Spill Response	830 S Kenyon St	Combined	Combined sewer basin	04/22/10	No	No	Unknown	Accidental Spill	Report of large explosion at Independent Metals. FD reported that 8" water main broke inside building. Large amounts of water and poss. other pollutants went into CB's that go to KC mainline. Due to large volume there is a possibility that material overtopped CB's and went to River. Filed FRTS with FCY
51	N4	04/14/08	Spill Response	8811 10th Ave SW	Combined	Combined sewer basin	04/14/08	No	No	Concrete/Cement	Construction	Recived spill report about concrete being washed out into street. Responded to scene and discovered it was not concrete but sand that was used to set pAvers in the driveWy over the weekend. It has rained since then and washed most of the material into cb connected to the combined. No cleanup pecessary.
51	N4	09/30/10	Spill Response	16th Ave SW & SW Sullivan St	Combined	Combined sewer basin	09/30/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report of transmission fluid from MVA going into drain. Arrived at site and SDOT crew used absorbent around affected area. I checked the affected MH and there was some transmission fluid in the MH, area is on combined. Seattle Police were also on scene for MVA case #34228
51	N4	10/13/08	Spill Response	8106 14th Ave SW	Combined	Combined sewer basin	10/13/08	No	No	Concrete/Cement	Construction	Report of concrete spill in alley. Respond to site. Concrete appeared to be cured in road bed of dirt alley. DPD referral.
51	N7	03/06/14	Spill Response	1235 S Donovan St	Combined	Combined sewer basin	03/06/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of neighbor working on cars and washing oily water to street and drains. Went to site and spoke to reporting party who advised there was a safety concern with property. I took photos, did not contact responsible party. This is on combined. Referred to SWQ for follow up.
51	N7	01/02/08	Spill Response	820 S Rose St	Combined	Combined sewer basin	01/02/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Received call about leaking vehicle, Arrived onsite and saw some smal staining under vehicle. I put a few handfulls of sorbent under car as a precaution. Local mechanic showed up and said that he had put some saw dust under car and actually tighted some of the bolts trying to stop leaks. SPD is scheduled to have car towed.
51	N7	11/08/14	Spill Response	1027 S Southern St	Combined	Combined sewer basin	11/08/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	On 11/8/14 Inspector McDonald responded to a leaking vehicle. Prior to arrival SDOT mitigated affects of spill & cleaned street with absorbent & swept. Inspector McDonald had RP do more cleaning. Inspector McDonald checked site on 11/10/14 & street & CB/inlet were acceptably clean.
51	N7	04/18/08	Spill Response	1017 S Elmgrove St	Combined	Combined sewer basin	04/18/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Received report of oil spill. Arrived at site saw motor oil by sidewalk. Cleaned spill up with materials on hand. Disposed of spill materials at Charles St.
51	N7	07/24/08	Spill Response	737 S Elmgrove St	Combined	Combined sewer basin	07/24/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Received report of oil being dumped into drain. Went to site and saw several small oil spots around area. Checked CB's and observed small amount of sheen in CB that had boom in it. It appears that boom had soaked up most of the oil that had made it to CB. Talked to reporting party and he expressed his unhappiness in our response he feels we should be doing more. Lemailed LK and let her know the RP's issues.
51	N7	10/29/09	Spill Response	747 S Monroe St	Combined	Combined sewer basin	10/29/09	No	No	Unknown	Unknown	Report of spill - Unable to locate, inspected area & business.
51	N8	01/08/10	Spill Response	Dallas Ave S & 17th Ave S	Combined	Combined sewer basin	01/08/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Received call about 5 gallon container of oil sitting by Dallas tanks. Went to site and found bucket it was not full but had no lid. I had been illegally dumped. Lover packed material and took with me for disposal.
51	N8	05/22/14	Spill Response	Dallas Ave S & 14th Ave S	Combined	Combined sewer basin	05/22/14	No	No	Other	Accidental Spill	SCL transformer dripped oil onto parking strip. SCL tested the oil and no PCB's were found. SCL cleaned up spilled oil and is replacing the transformer.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	O3	07/21/12	Spill Response	9409 Delridge Wy SW	Combined	Combined sewer basin		No	No	Other	Fixed business not implementing BMPs	Report of business discharging aquarium fish waste water to street an drain. Not a spill. Forwarded to business inspection program.
51	O4	03/04/08	Spill Response	9202 14th Ave SW	Combined	Combined sewer basin	03/04/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Received report of car that had been leaking for at IE a month. Went to site found car with oil mixed with water under car. Front tire is also flat. cleaned up oil under car. I attempted to make contact with owner several times but was unable to. I reported car to SPD abandoned vehicle line and requested it to be towed. I also refered case to SWQ.
51	O4	03/19/08	Spill Response	16th Ave SW & SW Henderson St	Combined	Combined sewer basin	03/19/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Received call about antifreeze spill from a motor vehicle accident. When we arrived at the site SDOT had already cleaned the site there was no material in CB', surface water, or street. No actions were needed.
51	07	12/02/07	Spill Response	9020 12th Ave S	Combined	Combined sewer basin	12/07/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Spill report of vehicle leaking transmission fluid. Joe Barbee responded to scene. Vehicle is identified as 1996 Plymouth Voyager License plate #179TQI Owner David Bourne.
51	O8	09/11/13	Spill Response	9014 14th Ave S	Combined	Combined sewer basin	09/11/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	
51	O8	10/29/09	Spill Response	14th Ave S & S Concord St	Combined	Combined sewer basin	10/29/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Spill report of diesel spill at 76 gas station. Went to site, unable to recover spill, sheen only. (On combined)
51	O8	10/30/08	Spill Response	1414 S Concord St	Combined	Combined sewer basin	10/30/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Received report of hydraulic oil spill from compactor. Went to site and found some staining on roadway. Found one CB that was 100% full of sediment and hydraulic oil goes to combined. Called for vactor truck to clean out CB.
51	O8	05/19/11	Spill Response	1414 S Concord St	Combined	Combined sewer basin	05/19/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of oil being dumped on street. Arrived on scene. Spiller had accidently spilled oil on street and was actively cleaning up when I arrived on scene. He had blocked drain and no oil made it into MS4.
51	P13	03/21/11	Spill Response	9812 59th Ave S	Combined	Combined sewer basin	03/21/11	No	No	Unknown	Unknown	Report of liquid running from back yard into drain in street. Arrived at site and did not see anything that matched description of call, The only thing I could find was a gutter drain going into the combined sewer system. Case closed.
51	P13	01/11/12	Spill Response	9757 60th Ave S	Combined	Combined sewer basin	01/11/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Motor Vehicle Accident	Report of fuel leak from MVA, Arrived at scene and noticed strong fuel smell in CB. I used pads to pick up what material I could. CB was on combined system. I informed KC of spill.
51	P14	01/04/08	Spill Response	6514 S Norfolk St	Combined	Combined sewer basin	01/04/08	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Illegal Dumping	Receive report of illeagal dumping in storm drain. Went to site and found what appears to be water based glue smeard on drain cover. Performed Ph test and paper test. Based on tests it is low hazard-limited hazard I wiped up all observed product. It does not appear to have gotten into water.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
					Cono. Class		Date	MS4?	Receiving Water?		- 	
30a	D10	05/01/12	Water Quality	216 22nd Ave	Separated	Diagonal Ave S CSO/SD	05/02/12	No	No	Sewage	Construction	Seattle City Light damaged side sewer. Side sewer was repaired. Nothing reached MS4 or water body. Installation of light pole and repair was complete on 5/2/12, crews left right after I showed. Case Closed.
30a	D9	01/14/98	Water Quality	E Spruce St & 21st Ave	Separated	Diagonal Ave S CSO/SD	01/29/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	SecondPollutant: Chemicals (Solvent, Haz Waste, Acids, etc) RecWater: Elliottt Bay Results of Inspection/Referral to: None Other: None
30a	D9	03/13/98	Water Quality	E Spruce St & 21st Ave	Separated	Diagonal Ave S CSO/SD	03/13/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Elliottt Bay Results of Inspection/Referral to: None Other: None
30a	E12	10/03/00	Water Quality	2505 E Yesler Wy	Separated	Diagonal Ave S CSO/SD	10/04/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: storm Results of Inspection/Referral to: None Other: None
30a	E12	01/28/10	Water Quality	2505 E Yesler Wy	Separated	Diagonal Ave S CSO/SD	01/28/10	Yes	Yes	Soap/Washwater	Washing-Residential	Inspector found evidence of car washing. Referral to business inspection program.
30a	E12	07/17/13	Water Quality	2514 E Yesler Wy	Separated	Diagonal Ave S CSO/SD		No	No	Unknown	Unknown	Report of oily substance on roadway. Referred to SDOT, was not entering drains.
30a	E7	04/23/09	Water Quality	112 16th Ave	Part. Sep.	Diagonal Ave S CSO/SD	04/23/09	No	No	Sewage	Broken/Blocked side sewer or pipe	SPU First Response reported a side sewer break at 112 16th Ave. Did site visit, dye tested and determined where the break was. Landlord hired contractor and had the line fixed. Case closed.
30a	E7	07/14/08	Water Quality	1622 E Yesler Wy	Separated	Diagonal Ave S CSO/SD	07/15/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Complaint of leaking drums at an abandoned auto shop. Unable to access fenced in site during site visit, unable to see if containers were leaking. The property owner needs to be contacted.
30a	E7	08/05/02	Water Quality	1622 E Yesler Wy	Separated	Diagonal Ave S CSO/SD	08/05/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Educated owner of business
30a	E7	03/02/96	Water Quality	1622 E Yesler Wy	Separated	Diagonal Ave S CSO/SD	03/01/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30a	E8	03/25/02	Water Quality	106 18th Ave	Separated	Diagonal Ave S CSO/SD	03/25/02	No	No	Soap/Washwater	Unknown	ReferredFrom: SPU RecWater: Elliott Bay Other: Provided technical assistance to owner on proper disposal methods for waste
30a	F12	01/19/10	Water Quality	118 27th Ave S	Separated	Diagonal Ave S CSO/SD	01/20/10	No	No	Sewage	Broken/Blocked side sewer or pipe	Side sewer blockage caused back up. Had property management company call plumber and fix problem. Property Management fixed problem with back and also scheduled further repair to fix other problems found with side sewer
30a	F6	01/20/14	Water Quality	1265 S Main St	Separated	Diagonal Ave S CSO/SD	01/21/14	Yes	No	Sediment	Broken/Blocked side sewer or pipe	Report of private SSO. Problem fixed prior to arrival. Forward to FOG b/c there are FSE's in the building.
30a	F6	01/08/14	Water Quality	S Main St & 14th Ave S	Separated	Diagonal Ave S CSO/SD	01/08/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of sheen on roadway seen the day prior. Unable to determine source & spill has stopped. No MS4 impact, not a SWQ issue.
30a	F7	02/06/09	Water Quality	1440 S Jackson St	Separated	Diagonal Ave S CSO/SD	02/06/09	No	No	Other	Accidental Spill	Caller reported paint being washed down street. Green tracing dye was found. Had Bravo clean up dye. Not a water quality issue.
30a	F7	02/04/09	Water Quality	321 16th Ave S	Separated	Diagonal Ave S CSO/SD	02/04/09	No	No	Fats, Oil and Grease (FOG)	Unknown	Found vegetable oil in CB and detention system during routine inspection. No source was determined. Educated both property owners that share detention system about city code. Will continue to monitor detention system.
30a	G12	12/10/93	Water Quality	2524 S Jackson St	Separated	Diagonal Ave S CSO/SD	01/07/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Results of Inspection/Referral to: None Other: None
30a	G13	03/09/09	Water Quality	MLK Jr Wy S & S Jackson St	Separated	Diagonal Ave S CSO/SD		No	No	Garbage/Debris	Unknown	Report of illegal dumping not SWQ issue. Forward to Illegal Dumping.
30a	G13	05/29/07	Water Quality	S Jackson St & 28th Ave S	Separated	Diagonal Ave S CSO/SD	05/29/07	No	No	Unknown	Unknown	Checked area could not locate problem
30a	G14	02/23/99	Water Quality	2901 S Jackson St	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Unknown Sewer Class: Unknown Results of Inspection/Referral to: King County Other: None
30a	G14	05/23/07	Water Quality	29th Ave S & S Jackson St	Separated	Diagonal Ave S CSO/SD	05/23/07	Yes	No	Paint	Unknown	Found some paint in curb traced to CB at MLK & Jackson hired NRC to clean CB.
30a	G7	08/28/10	Water Quality	1643 S King St	Separated	Diagonal Ave S CSO/SD	09/08/10	Yes	No	Concrete/Cement	Construction	Follow up after spill - Attempt enforcement & cost recovery. Unable to ID RP.
30a	G8	12/16/11	Water Quality	1801 S Jackson St	Separated	Diagonal Ave S CSO/SD	12/16/11	No	No	Paint	Fixed business not implementing BMPs	While in field came across company washing tarps in a parking lot. Paint solids and wash water from the tarps were going into drain and street. I spoke to the owner of the company and educated about code and asked them to clean drains and area. They hired vactor truck and had the affected structures and area cleaned.
30a	G9	09/10/97	Water Quality	2006 S Weller St	Separated	Diagonal Ave S CSO/SD	09/11/97	No	No	Paint	Unknown	Sewer Class: Storm Results of Inspection/Referral to: None Other: None
30a	G9	03/01/00	Water Quality	415 20th Ave S	Separated	Diagonal Ave S CSO/SD	03/02/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: lake wash Results of Inspection/Referral to: Other City Dept Other: None
30a	H11	11/28/11	Water Quality	2310 S Lane St	Separated	Diagonal Ave S CSO/SD		No	No	Paint	Construction	Report of paint washout @ construction site. DPD to handle. No discharge to storm.
30a	H12	06/21/07	Water Quality	26th Ave S & S Lane St	Separated	Diagonal Ave S CSO/SD	06/21/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Found small spill upon arrival cleaned it up with absorbant.
30a	H13	02/18/98	Water Quality	506 28th Ave S	Separated	Diagonal Ave S CSO/SD	02/19/98	No	No	Paint	Unknown	Sewer Class: Street-Storm Results of Inspection/Referral to: None Other: None
30a	H14	08/11/09	Water Quality	504 29th Ave S	Separated	Diagonal Ave S CSO/SD	08/12/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of oil in alleyway. Unable to locate problem, no call back info left.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
	3	5 400 5 410			501101 01400	- Canan	Date	MS4?	Receiving Water?		-	,
30a	H7	04/12/04	Water Quality	708 Rainier Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Fats, Oil and Grease (FOG)	Unknown	ReferredFrom: Other City Dept RecWater: Lake WA
30a	H7	10/02/13	Water Quality	718 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	10/03/13	No	No	Fats, Oil and Grease (FOG)	Mobile business not implementing BMPs	Other: Educated owner about how to clean up spill. S Caller reported restaurant washing oven hoods in parking lot. Water going to CB. Conducted business inspection. Had business clean the
30a	l13	03/27/07	Water Quality	818 29th Ave S	Separated	Diagonal Ave S CSO/SD	03/27/07	No	No	Algae/Bacteria/Vegetation	Algae/Bacteria Bloom/Natural foam	catch basin. 03/27/07 Site Visit ESS/BR Sheen in soil in front of retaining wall. Determined to be iron bacteria. Caller indicated there was petrol odor, but there are numerous leaking vehicles in area - odor not related to bacteria. Gave caller hotline # (came in as spill) (Caller indicated there may be sewage sludge near wall) but not coming from pine - just fungus growth.
30a	16	08/30/06	Water Quality	1423 S Dearborn St	Separated	Diagonal Ave S CSO/SD	09/05/06	No	No	Sediment	Fixed business not implementing BMPs	
30a	I6	06/20/12	Water Quality	1501 S Dearborn St	Separated	Diagonal Ave S CSO/SD	06/20/12	No	No	Soap/Washwater	Fixed business not implementing BMPs	
30a	16	01/27/14	Water Quality	1501 S Dearborn St	Separated	Diagonal Ave S CSO/SD	01/27/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
30a	16	12/16/99	Water Quality	815 Poplar PI S	Separated	Diagonal Ave S CSO/SD	12/16/99	No	No	Concrete/Cement	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
30a	16	11/26/03	Water Quality	815 Poplar PI S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Still working on case
30a	16	11/26/03	Water Quality	816 Poplar PI S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Business inspection
30a	16	11/19/03	Water Quality	Poplar PL S & S Dean St	Separated	Diagonal Ave S CSO/SD		No	No	Process Wastewater	Unknown	RecWater: duwamish Other: Business inspection
30a	16	02/05/04	Water Quality	Poplar PL S&S Dean St	Separated	Diagonal Ave S CSO/SD		No	No	Concrete/Cement	Unknown	RecWater: duwamish Other: Referred NOV case to law
30a	16	05/21/02	Water Quality	S Poplar Pl & S Dean St	Separated	Diagonal Ave S CSO/SD	05/21/02	No	No	Process Wastewater	Unknown	SecondPollutant: Concrete/Cement RecWater: metro Sewer Class: storm Other: Called owner of Ralph's Concrete
30a	17	12/19/06	Water Quality	840 Poplar PI S	Separated	Diagonal Ave S CSO/SD	12/19/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Went & inspected area. Lot next to 850 Poplar PI S is small dirt lot. No building on lot. Lot may belong to Ralph's site has truck parked on it & pipe equipment. Has small tanks & other construction material. No catch basin on site, but one in the alley. No sheen coming off the site now, not raining. Pulled catch basin in alley, looks ok. Catch basin located just outside lot. Called caller and talked with him about complaint. No smell when he saw sheen during heavy rain event. I will check to see who owns lot. Caller did not know.
												1/2/07 Lot is owned by Ralphs Concrete Pumping. I will ask Louise about how to proceed. 1/4/07 I will handle as normal complaint at Ellen & Laws request. 1/19/07 Went & talked with Tim Henson regarding complaint. He said he would have someone look at yard & clean up. 1/22/07 A little cleaning done but more could be done. I will check nex week.
30a	J10	01/11/00	Water Quality	2205 S Charles St	Separated	Diagonal Ave S CSO/SD	01/13/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: lake wash Results of Inspection/Referral to: None Other: None
30a	J10	07/22/14	Water Quality	S NORMAN St & 21st Ave S	Separated	Diagonal Ave S CSO/SD	07/22/14	Yes	No	Soap/Washwater	Illicit Connnection	Received elevated results for fluoride. Source tracing led inspectors to 2006 S Weller St (Franz Family Bakeries) where a cross connection from a newly installed large freezer was discovered. An NOV was sent and the repair was made and confirmed via a dve test
30a	J13	03/29/13	Water Quality	28th Ave S & S Charles St	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Spill Response follow-up. Unable to determin source/RP for oil dumpe in CB.
30a	J13	03/29/13	Water Quality	918 29th Ave S	Separated	Diagonal Ave S CSO/SD	03/29/13	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of tow truck operator working on cars in street. Arrived at site and found drum that was leaking oil to street. Called spill responders to investigate. Did not see tow truck that was reported in complaint. Referred to ECY, DPD & business Licensing. Advised caller of actions and gave her contact info for DPD.
30a	J13	05/26/13	Water Quality	918 29th Ave S	Separated	Diagonal Ave S CSO/SD	05/28/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of tow truck operator working on cars in street. Arrived at site, didn't see tow truck that was reported in complaint. Didn't find any indication pollution made it to drain or MS4. Caller didn't leave contact info.
30a	J13	07/25/94	Water Quality	922 28th Ave S	Separated	Diagonal Ave S CSO/SD	07/25/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: CI RecWater: Lake WA Inspector Notes: CL Results of Inspection/Referral to: None Other: None
30a	J13	10/10/10	Water Quality	933 29th Ave S	Separated	Diagonal Ave S CSO/SD	10/12/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of leaky vehicle & oil containers. Observed oil stain under car 8 evidence that repair appears to be taking place in street. Leak appears stabilized/stopped. Left door hanger & reported to abandoned vehicle hotline.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving	Pollutant	Cause	Summary
30a	J7	09/30/10	Water Quality	846 Poplar PI S	Separated	Diagonal Ave S CSO/SD	10/01/10	Yes	Water? No	Sediment	Fixed business not implementing BMPs	business activities. Follow up/ business inspection w/required BMP's to
30a	J8	08/09/13	Water Quality	945 Hiawatha PI S	Separated	Diagonal Ave S CSO/SD	08/09/13	No	No	Soap/Washwater	Construction	prevent WQ concerns & comply w/Stormwater code. While in field came across construction site that was washing to ground. Educated the site super on proper washing BMP's and also
30a	J9	01/11/13	Water Quality	2010 S Ingersoll PI	Separated	Diagonal Ave S CSO/SD	01/11/13	No	No	Drainage	Drainage Problem	referred site to DPD. Report of poss. washing machine going to weep hole. Problem is sum
30a	J9	11/21/94	Water Quality	926 Davis PL S	Separated	Diagonal Ave S CSO/SD		No	No	Garbage/Debris	Unknown	pump. Not a SWQ issue. CallTakenByInit: CI Sewer Class: none Inspector Notes: CL Results of Inspection/Referral to: None Other: None
30a	K12	03/11/05	Water Quality	1103 26th Ave S	Separated	Diagonal Ave S CSO/SD	03/15/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Sent letter
30a	K13	04/27/11	Water Quality	1302 29th Ave S	Part. Sep.	Diagonal Ave S CSO/SD	04/27/11	Yes	No	Paint	Other	Report of paint being dumped in storm drain. Responsible party educated about code & cleanup requested. Drain was cleaned by responsible party. No longer a surface water quality issue.
30a	K13	10/04/12	Water Quality	2708 S Judkins St	Separated	Diagonal Ave S CSO/SD		No	No	Sewage	Broken/Blocked side sewer or pipe	Direct Entry - Report of side sewer issue. Forwarded to ORC/DWW
30a	K4	01/13/11	Water Quality	1308 12th Ave S	Separated	Diagonal Ave S CSO/SD	01/13/11	Yes	No	Sewage	Broken/Blocked side sewer or pipe	FRC and Forced Side Sewer program. Report of sewage surfacing in parking garage and being dumped into storm system. After talking to reporting party who said that issue had been going on for about 10 days. I spoke to property owner on phone who stated that problem was fixed. When I went to site it was not fixed and there were people working on the site. I advised property owner to clean up mess and fix the line and to not discharge to storm.
30a	K5	06/01/05	Water Quality	1118 14th Ave S	Separated	Diagonal Ave S CSO/SD	06/02/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: sent educational letter
30a	K7	03/16/04	Water Quality	1132 Poplar Ave S	Separated	Diagonal Ave S CSO/SD	03/24/04	No	No	Paint	Unknown	RecWater: duwamish
30a	L12	03/10/14	Water Quality	S Irving St & 26th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Chlorinated Water	Other	Other: Requested can be moved asap. Seattle Fire Department conducting training in grassy area. FD Crew was educated and told to drill only at pre-established areas on the
30a	L6	05/03/13	Water Quality	1515 15th Ave S	Separated	Diagonal Ave S CSO/SD	05/03/13	Yes	No	Sewage	Broken/Blocked side sewer or pipe	combined sewer system. Received report of side sewer overflow at 1515 15th Ave S resulting from blockage at 1510 14th Ave S. Crews on site actively cleaning on arrival. Contacted apartment complex owner, who had a plumber coming out today to CCTV and repair. Sent NOV for break.
30a	M12	02/12/93	Water Quality	1700 26th Ave S	Separated	Diagonal Ave S CSO/SD	02/24/93	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Results of Inspection/Referral to: None Other: None
30a	M4	12/07/09	Water Quality	11th Ave SW & SW Massachusetts St	Separated	Diagonal Ave S CSO/SD		No	No	Unknown	Unknown	Report of problem at Pier 5 & 18. Seattle does not have pier 5 or 18. Issue seems to be an ECY permit violation. Referred back to ECY.
30a	M6	02/10/04	Water Quality	S Massachusetts St&15th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Sediment	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30a	M9	10/05/94	Water Quality	1511 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	10/07/94	No	No	Concrete/Cement	Unknown	RecWater: duwamish Inspector Notes: CL Other: See hard copy for results of WQ complaint.
30a	M9	04/15/99	Water Quality	1511 Rainier Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Concrete/Cement	Unknown	CallTakenByInit: DOE RecWater: None Sewer Class: Ground Results of Inspection/Referral to: None Other: None
30a	M9	07/09/99	Water Quality	1511 Rainier Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: sanitary Results of Inspection/Referral to: None Other: None
30a	M9	04/02/04	Water Quality	21st Ave S & S Massachusetts St	Separated	Diagonal Ave S CSO/SD		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: Lake WA Other: Educated owner of lot about how to clean up spills
30a	N11	06/03/14	Water Quality	1740 23rd Ave S	Separated	Diagonal Ave S CSO/SD	06/12/14	No	No	Soap/Washwater	Fixed business not implementing BMPs	
30a	N4	07/28/11	Water Quality	1701 12th Ave S	Separated	Diagonal Ave S CSO/SD	07/29/11	Yes	No	Sewage	Broken/Blocked side sewer or pipe	report of sewage surfacing at a WS-DOT Project. Determined it was from a broken side sewer. Pipe repaired by RP
30a	N7	08/13/12	Water Quality	1757 18th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Odor	Unknown	Report of sewage smell during evening and on hot days. Forwarded to ORC to have crews check.
30a	N7	01/21/06	Water Quality	18th Ave S & S Holgate St	Separated	Diagonal Ave S CSO/SD	01/23/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Puget Sound
30a	N9	09/19/11	Water Quality	1811 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	09/19/11	Yes	No	Sewage	Broken/Blocked side sewer or pipe	Other: Nothing Found. Report of sewage from side sewer, RP made repairs.
30a	N9	09/29/10	Water Quality	S GRAND St & Rainier Ave S	Separated	Diagonal Ave S CSO/SD	09/29/10	No	No	Sediment	Construction	While driving down Rainier Ave S noticed muddy water flowing along curb line. Source was Pacific Crest Environmental (PCE) drilling wells in roadway for investigation by business on east side of Rainer Ave S. Met with staff of PCE and educated them on code and requested them to clean up the mess. I also warned him that if he did not clean up mess before it reached drain he could receive NOV and penalty. He agreed to begin cleaning and told me he was bringing in drum vacuum
30a	O11	05/20/13	Water Quality	2415 S Holgate St	Separated	Diagonal Ave S CSO/SD	05/21/13	No	No	Automotive Fluid	Illegal Dumping	Report of oil spill. Spill is contained to soil. Refer case to Ecology &
										(Oil/Gasoline/Antifreeze, etc)		SDOT no threat to MS4 or SWQ.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving	Pollutant	Cause	Summary
30a	O12	06/19/14	Water Quality	26th Ave S & S HOLGATE St	Separated	Diagonal Ave S CSO/SD	06/19/14	Yes	Water? No	Sewage	Illicit Connnection	Elevated surfactant result led to the discovery of 6 cross connections (2705, 2707 & 2709 S Irving St & 1352, 1356 & 1362 MLK Jr Way S). The cross connections were repaired by the developer of the homes - Homesight after and NOV was sent. The repairs were confirmed to be made correctly via a due test.
30a	O13	08/05/10	Water Quality	ChEy Bl Blvd & S Winthrop St	Separated	Diagonal Ave S CSO/SD		No	No	Chlorinated Water	Broken/Blocked side sewer or pipe	Received online complaint regarding a broken irrigation line. Referred
30a	O13	10/09/09	Water Quality	Lake Washington Blvd S & S Plum St	Direct	Diagonal Ave S CSO/SD	10/09/09	No	No	Unknown	Unknown	to Parks maintenance and then to Sound Transit. Report of upwelling on Lake WA. SPU researched area on GIS, no outfalls in area, took boat out but found nothing in lake. Unknown cause Caller will call back if it is seen again.
30a	O13	08/09/11	Water Quality	Lakeside Ave S & S Jackson St	Separated	Diagonal Ave S CSO/SD	08/09/11	Yes	No	Sediment	Construction	SDOT crew was delivering crushed rock to site. To reduce dust they used water hose to wet. Delivery truck spilled dust & gravel to street. SDOT crew may have turned water to this roadway spill causing sediment laden water to enter MS4 drains at bottom of hill at S. Leschi
30a	08	07/18/11	Water Quality	S Plum St & 20th Ave S	Separated	Diagonal Ave S CSO/SD	07/19/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Report of used oil containers illegally dumped. Containers are closed and unable to spill. Referred to Illegal Dumping. Not a SWQ issue.
30a	О9	08/12/13	Water Quality	1911 22nd Ave S	Separated	Diagonal Ave S CSO/SD	08/12/13	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Illegal Dumping	Tires & HazWaste was illegally dumped behind a building. Visited site and secured materials in over packs. Property owner hired contractor to dispose of waste.
30a	O9	03/20/09	Water Quality	2104 S Plum St	Separated	Diagonal Ave S CSO/SD	03/20/09	Yes	No	Process Wastewater	Fixed business not implementing BMPs	On view car washing @ business - forward issue to business
30a	P10	06/29/09	Water Quality	2116 22nd Ave S	Separated	Diagonal Ave S CSO/SD	07/01/09	No	No	Automotive Fluid	Fixed business not implementing BMPs	91 1
30a	P11	11/15/04	Water Quality	2468 S College St	Separated	Diagonal Ave S CSO/SD		No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid	Unknown	Business Inspection Program. RecWater: duwamish
30a	P14	06/25/07	Water Quality	2916 S 200th St	Unknown	Diagonal Ave S CSO/SD		No	No	(Oil/Gasoline/Antifreeze, etc) Unknown	Unknown	Other: Sent letters Outside of Seattle, Called city of Sea-Tac and advised them of Report.
30a	P6	05/26/11	Water Quality	2111 15th Ave S	Separated	Diagonal Ave S CSO/SD	05/31/11	No	No	Sewage	Broken/Blocked side sewer or pipe	Report of overflowing sewage from side sewer. Upon arrival repair had been made by homeowner's contractor
30a	P6	05/14/09	Water Quality	2119 15th Ave S	Separated	Diagonal Ave S CSO/SD	05/15/09	Yes	No	Concrete/Cement	Construction	Report of concrete slurry from construction site. Site visit, material in drains in street & site. Required they clean all affected drains.
30a 30a	P8 Q10	06/02/04 08/31/11	Water Quality Water Quality	2122 19th Ave S 2300 SW College St	Separated Separated	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	08/31/11	No Yes	No No	Other Fats, Oil and Grease (FOG)	Unknown Mobile business not implementing BMPs	Other: Reffered back to DPD s FOG and degreaser that made it into type 2 CB and then line was cleaned up immediately by business who hired Honey Bucket to suck it all up. Educated business about code violations and how to implement
30a	Q11	10/08/04	Water Quality	2326 Rainier Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Drainage	Unknown	proper BMP's in the future. RecWater: Lake WA Other: Had property manager clean CB's
30a	Q12	04/29/98	Water Quality	S Bayview St & M L King Jr Wy S	Separated	Diagonal Ave S CSO/SD	04/30/98	No	No	Odor	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30a	Q13	06/10/06	Water Quality	S College St & 28th Ave S	Separated	Diagonal Ave S CSO/SD	06/10/06	No	No	Garbage/Debris	Fixed business not implementing BMPs	
30a	Q6	05/23/01	Water Quality	2424 15th Ave S	Separated	Diagonal Ave S CSO/SD	05/23/01	No	No	Drainage	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30a	Q7	04/18/14	Water Quality	2323 18th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Heating Oil	Illegal Dumping	Report of tank dumped in an alley. Very big spill rtik from tank. Had contractor remove of tank and dispose of waste. Material did not enter the MS4.
30a	R9	06/17/14	Water Quality	S BAYVIEW St & 21st Ave S	Separated	Diagonal Ave S CSO/SD	06/17/14	Yes	No	Unknown	Unknown	Received elevated fecals in the storm system which was most likely from an isolated event & we were unable to determine where the source came from.
30a	S11	08/17/10	Water Quality	2711 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	08/18/10	Yes	No	Soap/Washwater	Mobile business not implementing BMPs	s Report of carwash operation in parking lot. Site visit determined that soap entered the drain. Referred to Business Inspection Program. Site is Mobil business listed in Business DB under 5722 S Norfolk St.
30a	S12	06/15/05	Water Quality	26th Ave S & McClellan St	Separated	Diagonal Ave S CSO/SD		No	No	Sediment	Unknown	ReferredFrom: Other City Dept RecWater: duwamish Other: DPD responded
30a	S12	08/25/98	Water Quality	Rainier Ave S & S MC CLELLAN St	Separated	Diagonal Ave S CSO/SD	08/28/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: AB RecWater: lake wash Results of Inspection/Referral to: None Other: None
30a	S14	03/22/06	Water Quality	2726 31st Ave S	Separated	Diagonal Ave S CSO/SD	03/23/06	No	No	Garbage/Debris	Unknown	RecWater: duwamish Other: Informed contractor about BMP's
30a	T12	06/11/11	Water Quality	2603 S Mc Clellan St	Separated	Diagonal Ave S CSO/SD	06/14/11	Yes	No	Other	Fixed business not implementing BMPs	
30a	T12	04/13/13	Water Quality	2609 S McClellan St	Separated	Diagonal Ave S CSO/SD	04/15/13	Yes	No	Fats, Oil and Grease (FOG)	Mobile business not implementing BMPs	Report of FSE equipment. Cleaning in parking lot, unable to determine
30a	T12	05/29/13	Water Quality	2609 S McClellan St	Separated	Diagonal Ave S CSO/SD	05/29/13	No	No	Fats, Oil and Grease (FOG)	Accidental Spill	if discharge occurred. Will inspect business to ensure compliance. Caller reported canola oil spill near dumpsters of restaurant. Oil reached a catch basin. Restaurant owner had parking area & catch basin cleaned. Owner will keep used oil inside until pick-up from now
30a	T12	05/03/00	Water Quality	2805 & 2825 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	05/12/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	on. RecWater: lake wash Results of Inspection/Referral to: None Other: None

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Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
30a	T12	06/07/00	Water Quality	2805 & 2825 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	06/08/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: lake wash Results of Inspection/Referral to: None Other: None
30a	T12	10/02/03	Water Quality	2805 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	10/03/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Other: Illegal dumping
30a	T12	08/08/03	Water Quality	2825 Rainier Ave S	Separated	Diagonal Ave S CSO/SD	08/11/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Sewer Class: Strom Other: Sent letter to both resident doing auto work and property owner.
30a	T13	02/10/11	Water Quality	2800 MLK Jr Wy S	Part. Sep.	Diagonal Ave S CSO/SD	02/10/11	Yes	No	Soap/Washwater	Fixed business not implementing BMPs	business inspection.
30a	Т8	12/28/04	Water Quality	1922 S Stevens St	Separated	Diagonal Ave S CSO/SD	12/30/04	No	No	Automotive Fluid	Unknown	Note: Case entered directly to DB. No field from RecWater: duwamish
30a	T8	01/27/05	Water Quality	1922 S Stevens St	Separated	Diagonal Ave S CSO/SD	01/28/05	No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid	Unknown	Other: Sent educational letter RecWater: duwamish
30a	U11	09/10/14	Water Quality	3101 25th Ave S	Separated	Diagonal Ave S CSO/SD	09/12/14	Yes	No	(Oil/Gasoline/Antifreeze, etc) Sewage	Broken/Blocked side sewer or pipe	Other: spoke with resident Illicit connection from residential connection. Issued NOV, work completed, dye tested to verify plumbing fix.
30a	U12	05/20/06	Water Quality	2705 S Winthrop St	Separated	Diagonal Ave S CSO/SD	05/23/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenBylnit: CM RecWater: duwamish
30a	U13	03/13/06	Water Quality	MLK Jr Wy S & S Winthrop St	Separated	Diagonal Ave S CSO/SD	03/14/06	No	No	Fats, Oil and Grease (FOG)	Unknown	Other: Educated about code and did bus inso RecWater: duwamish Other: Business owner has cleaned up the spilled grease around the
30a	U13	09/11/12	Water Quality	MLK Jr Wy S & S Winthrop St	Separated	Diagonal Ave S CSO/SD	09/11/12	Yes	No	Sewage	Illicit Connnection	FOG container. Complaint of sewage odor in MH by a SPU consultant. SPU IDDE located 6 homes upstream illicitly connected to the storm system & issued 6 NOV's for repair.
30a	V12	12/29/03	Water Quality	3300 ChEy Blvd	Separated	Diagonal Ave S CSO/SD	12/29/03	No	No	Paint	Unknown	RecWater: Lake WA Other: Did not find paint.
30b	B10	03/23/14	Water Quality	BEACON Ave S & S HOLGATE BR	Separated	Diagonal Ave S CSO/SD	03/24/14	No	No	Sewage	Broken/Blocked side sewer or pipe	Caller reported sewage smelling water running across trail. Overflow caused by back up in mainline. Field Ops responded. Sewage did not reach MS4.
30b	E10	09/13/10	Water Quality	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	09/13/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of spill @ OCC. Crew cleaned w/on hand materials. Did not enter the storm drain.
30b	E10	02/13/14	Water Quality	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	02/13/14	Yes	No	Chlorinated Water	Accidental Spill	Baker tank of chlorinated water was improperly connected causing it to overflow and discharge 3000-5000 gallons of waster into the stormwater system. Water was in process of dechlorination when it overflowed.
30b	E10	06/04/13	Water Quality	2700 Airport Wy S	Separated	Diagonal Ave S CSO/SD	06/04/13	No	No	Soap/Washwater	Fixed business not implementing BMPs	On view dumping of wash water into the street/parking area at SPU facility. Referral of issue to onsite environmental staff to investigate and follow-up
30b	F11	10/02/00	Water Quality	1303 S ForeSt St	Separated	Diagonal Ave S CSO/SD	10/04/00	No	No	Sediment	Unknown	SecondPollutant: Garbage/Debris RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	F13	08/09/07	Water Quality	2901 17th Ave S	Separated	Diagonal Ave S CSO/SD	08/09/07	Yes	No	Unknown	Other	Business was to be inspected, but upon arrival at the scene, 2 people were unloading a drum from a truck and dumping it into a catch basin.
30b	F9	09/12/94	Water Quality	S FOREST ST & 7TH PL S	Separated	Diagonal Ave S CSO/SD	09/12/94	No	No	Process Wastewater	Unknown	Results of Inspection/Referral to: King County Other: None
30b	G10	03/25/13	Water Quality	3100 Airport Wy S	Separated	Diagonal Ave S CSO/SD	03/25/13	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Fixed business not implementing BMPs	
30b	G10	07/01/14	Water Quality	3100 Airport Wy S	Separated	Diagonal Ave S CSO/SD	07/02/14	No	No	Soap/Washwater	Other	Received photos of soapy discharge from newly installed pipe to stormwater CB. Conducted several site visits to determine source. Notified property manager and staff of discharge and required them to
30b	G10	10/06/14	Water Quality	3100 Airport Wy S	Separated	Diagonal Ave S CSO/SD	10/07/14	No	No	Other	Construction	source and halt it Rainier commons is remediating building exterior surfaces to remove PCB under EPA direction. After removing scaffolding from work area the ground beneath the work is stained. Stains may be from
30b	G8	06/24/11	Water Quality	3223 6th Ave S	Separated	Diagonal Ave S CSO/SD	06/28/11	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	contaminated naint Report of truck leaking diesel fuel into drain. Went to site and observed staining on ground, Took sample from drain, and placed absorbent to soak up product. Made contact w/Drr of truck and requested he clean drain and stop truck from leaking, which he agreed to do.
30b	H10	06/03/14	Water Quality	I-5 HWy & W Seattle HWy	Separated	Diagonal Ave S CSO/SD		Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Bus had a coolant spill on I-5. some got into the drain. Metro & WSDOT staff cleaned up the spill. Nothing made it to the City MS4.
30b	H12	10/30/90	Water Quality	3321 14th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Soap/Washwater	Unknown	SecondPollutant: Chemicals (Solvent, Haz Waste, Acids, etc) RecWater: duwamish Results of Inspection/Referral to: None
30b	H13	12/06/05	Water Quality	3300 16th Ave S	Separated	Diagonal Ave S CSO/SD	12/06/05	No	No	Process Wastewater	Unknown	Other: None Other: Referred to DPD

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
30b	H13	05/15/01	Water Quality	3302 16th Ave S	Separated	Diagonal Ave S CSO/SD	05/16/01	No	No No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	H8	08/07/92	Water Quality	3400 6th Ave S	Separated	Diagonal Ave S CSO/SD	08/11/92	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: 8/13 Asked street maint. to check. It is not oil.
30b 30b		06/30/11 03/02/07	Water Quality Water Quality	1450 S Columbian Wy 14th Ave S & S Columbian Wy	Separated Separated	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	06/30/11 03/02/07	Yes No	No No	Sewage Unknown	Broken/Blocked side sewer or pipe Other	Blocked side sewer - owner repaired. I went to the reported location and found two unmarked half gallon containers in the city right of way I did not observe any evidence of a spill or staining. The containers were full when I arrived. I reported this to the Illegal dumping hotline.
30b	l14	07/31/09	Water Quality	3601 Beacon Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Process Wastewater	Construction	Report of potential discharge of process water to storm drain. Spoke/project manager, water will be diverted for dust control.
30b	17	11/06/00	Water Quality	3601 6th Ave S	Separated	Diagonal Ave S CSO/SD	11/15/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
30b	17	06/27/96	Water Quality	3601 6th Ave S	Separated	Diagonal Ave S CSO/SD	07/01/96	No	No	Other	Unknown	RecWater: duwamish Sub-basin: Diagoanal SD Results of Inspection/Referral to: None Other: None
30b	18	02/11/09	Water Quality	3614 6th Ave S	Separated	Diagonal Ave S CSO/SD	02/13/09	Yes	No	Process Wastewater	Fixed business not implementing BMPs	Report of business not implementing BMP's when working out of City. Request by Pacific to do business inspection. Refer to business inspection program.
30b	18	05/08/02	Water Quality	640 S Spokane St	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Don Kaizen, spill cordinator, spoke with car owner
30b	18	05/18/98	Water Quality	6th Ave S & S Spokane St	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None
30b	18	03/11/02	Water Quality	6th Ave S & S Spokane St	Separated	Diagonal Ave S CSO/SD	03/11/02	No	No	Concrete/Cement	Unknown	Other: None RecWater: duwamish Other: Source identified and PIR called to clean up spill.
30b	19	07/28/10	Water Quality	3512 Airport Wy S	Separated	Diagonal Ave S CSO/SD	08/09/10	Yes	Yes	Sewage	Illicit Connnection	Illicit connection at 3512 Airport Way S. SPU confirmed with a dye test.
30b	19	07/26/10	Water Quality	Airport Wy S & S Spokane St	Separated	Diagonal Ave S CSO/SD	07/28/10	No	No	Sewage	RV Dumping	Report of RV dumping waste. Educated about code.
30b 	J12 	10/14/05	Water Quality	S Charlestown St & S COLUMBIAN Wy 3844 1st Ave S	Separated	Diagonal Ave S CSO/SD	10/18/05	Yes	No No	Unknown	Unknown	SPU IDDE received elevated Potassium in storm line. Investigation is ongoing. RecWater: duwamish
30b	 J8	04/26/93	Water Quality Water Quality	7th Ave S & S COURT St	Separated Separated	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	10/18/05	No	No	Algae/Bacteria/Vegetation Other	Unknown	Other: Will do business inspection. Notesaboutpollutant: Tracing Dye
					•			-	-			Results of Inspection/Referral to: None Other: None
30b	K12	02/20/04	Water Quality	14th Ave S & S Dakota St	Separated	Diagonal Ave S CSO/SD	02/24/04	No	No	Drainage	Unknown	RecWater: Storm Sewer Class: Surface Other: Referred to drainage.
30b	K12	02/12/97	Water Quality	3900 14th Ave S	Separated	Diagonal Ave S CSO/SD	02/13/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	K12	05/24/99	Water Quality	3900 14th Ave S	Separated	Diagonal Ave S CSO/SD	06/27/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
30b	K5	01/31/94	Water Quality	4123 2nd Ave S	Part. Sep.	Diagonal Ave S CSO/SD		No	No	Soap/Washwater	Unknown	CallTakenBylnit: LD RecWater: metro Results of Inspection/Referral to: None Other: None
30b	K5	11/26/96	Water Quality	4123 2nd Ave S	Part. Sep.	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: ST Results of Inspection/Referral to: None Other: None
30b	K6	05/27/14	Water Quality	S INDUStRIAL Wy & 4th Ave S	Separated	Diagonal Ave S CSO/SD	05/27/14	Yes	No	Soap/Washwater	Illicit Connnection	SPU IDDE received trigger value for potassium, conductivity and visual triggers in line. Traced to commercial property on 4th Ave S where a business inspection was conducted. Found illicit connection from sink, drafted NOV and received confirmation connection had been severed.
30b	K8	08/08/03	Water Quality	620 S Dakota St	Separated	Diagonal Ave S CSO/SD	08/11/03	No	No	Other	Unknown	RecWater: Diagonal Other: Educated contractor
30b	K8	07/31/03	Water Quality	620 S Dakota St	Separated	Diagonal Ave S CSO/SD	07/31/03	No	No	Garbage/Debris	Unknown	RecWater: duwamish Other: Educated that they can not wash any wastewater into drains.
30b	K9	08/13/92	Water Quality	Airport Wy S & S ANDOVER St	Separated	Diagonal Ave S CSO/SD	08/14/92	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	L5	08/20/99	Water Quality	4130 1st Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Ground Results of Inspection/Referral to: None
30b	L5	07/10/02	Water Quality	4150 1st Ave S	Separated	Diagonal Ave S CSO/SD	07/15/02	No	No	Paint	Unknown	Other: None RecWater: duwamish Other: Completed dye inspection - illicit connection
30b	L6	10/06/08	Water Quality	4401 4th Ave S	Part. Sep.	Diagonal Ave S CSO/SD	10/07/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	10/8/08 JD gathered information from rep-p, did site visit and surveyed the scene. Reported to reporting party w/findings.
30b	L6	02/19/09	Water Quality	4401 4th Ave S	Part. Sep.	Diagonal Ave S CSO/SD	02/20/09	No	No	Soap/Washwater	Fixed business not implementing BMPs	Received call from consultant hired by Costco to determine where carwash CB drained to. Unable to determine where CB drained to during site visit am forwarding case to Brian Robinson who is conducting business inspection of site.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
мар но.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outian	Date	MS4?	Receiving Water?	ronutant	Gause	Summary
30b	L7	05/27/14	Water Quality	S INDUStRIAL Wy & 6th Ave S	Separated	Diagonal Ave S CSO/SD	05/27/14	Yes	No	Sewage	Illicit Connnection	Discovered Illicit connection @ 601 S Nevada St (Uli's Sausage Factory). NOV was issued & the repair was made. The impacted storm line was also cleaned.
30b	L9	02/10/97	Water Quality	4126 Airport Wy S	Separated	Diagonal Ave S CSO/SD	02/20/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenBylnit: DOE RecWater: duwamish Results of Inspection/Referral to: None
30b	L9	10/28/09	Water Quality	4200 Airport Wy S	Separated	Diagonal Ave S CSO/SD	10/28/09	Yes	No	Sewage	Illicit Connnection	Other: None Report of illicit connection at SDOT facility - Discharge is controlled and repair is being engineered.
30b	M1	01/14/10	Water Quality	1S Idaho St	Separated	Diagonal Ave S CSO/SD	01/14/10	Yes	Yes	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
30b	M12	02/20/04	Water Quality	4364 15th Ave S	Separated	Diagonal Ave S CSO/SD	02/24/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Referred to Ecology
30b	M2	09/24/10	Water Quality	4401 E Marginal Wy S	Separated	Diagonal Ave S CSO/SD		No	No	Sewage	Broken/Blocked side sewer or pipe	Report of sewage solids on ground caused by KC surcharge. Cleaned by KC. On pvt. Property.
30b	M2	11/22/13	Water Quality	4401 E Marginal Wy S	Separated	Diagonal Ave S CSO/SD	11/22/13	No	No	Chlorinated Water	Construction	Came across water discharge from building. Visible black discharge hose out of loading dock door with continuous discharge. Water was slightly warm. Water flowed to street curb and into storm drains.
30b	M3	07/02/14	Water Quality	Ohio Ave S & DIAGONAL Ave S	Separated	Diagonal Ave S CSO/SD	07/02/14	No	No	Garbage/Debris	Fixed business not implementing BMPs	
30b	M7	09/11/95	Water Quality	4201 6th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Soap/Washwater	Unknown	RecWater: Elliottt Bay Results of Inspection/Referral to: None Other: None
30b	M8	05/20/08	Water Quality	4455 7th Ave S	Separated	Diagonal Ave S CSO/SD		Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Spill of 1 gallon (Diesel) caused sheen in 8 CB's on private property. RP cleaned w/spill materials and hired contractor to clean CB's. No site visit as report was 6hrs after spill and clean up had occurred.
30b	N10	01/29/10	Water Quality	4552 11th Ave S	Separated	Diagonal Ave S CSO/SD	02/04/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of home auto repair causing auto fluids to discharge to MS4. Educated tenants & spoke w/home owner. Called rep. party back a week later - problem better.
30b	N11	03/07/06	Water Quality	4612 13th Ave S	Separated	Diagonal Ave S CSO/SD	03/10/06	No	No	Other	Unknown	RecWater: duwamish Other: Not a WQ issue
30b	N12	01/09/92	Water Quality	4516 15th Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: JLP RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	N14	07/09/98	Water Quality	1660 S COLUMBIAN Wy	Part. Sep.	Diagonal Ave S CSO/SD		No	No	Other	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
30b	N14	07/10/96	Water Quality	1660 S COLUMBIAN Wy	Part. Sep.	Diagonal Ave S CSO/SD	07/12/96	No	No	Drainage	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	N3	04/01/13	Water Quality	4631 Marginal Wy S	Separated	Diagonal Ave S CSO/SD	04/01/13	Yes	No	Soap/Washwater	Fixed business not implementing BMPs	On-view of illegal washing practices. Conducted business inspection.
30b	N3	08/02/96	Water Quality	E Marginal Wy S & Diagonal Ave S	Separated	Diagonal Ave S CSO/SD	08/02/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None
30b	N3	05/27/97	Water Quality	E Marginal Wy S & Diagonal Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Concrete/Cement	Unknown	RecWater: duwamish Sewer Class: Slough Results of Inspection/Referral to: None Other: None
30b	N3	10/17/96	Water Quality	E Marginal Wy S & Diagonal Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Ground Inspector Notes: Woelfel, Chris
30b	N3	04/30/96	Water Quality	E Marginal Wy S & Diagonal Ave S	Separated	Diagonal Ave S CSO/SD	05/03/96	No	No	Fats, Oil and Grease (FOG)	Unknown	Other: See C. Woelfel for ongoing investigation. See form #625 RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	N3	02/11/10	Water Quality	E Marginal Wy S & Diagonal Ave S	Separated	Diagonal Ave S CSO/SD	02/11/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Oil spill on side of Rd. Cleaned w/on hand material, did not enter storm drain. Not associated w/KC truck working in area.
30b	N3	08/27/10	Water Quality	E Marginal Wy S & Diagonal Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Garbage/Debris	Unknown	Report of trash illegally disposed of poss. To river. Unable to locate PRP.
30b	N7	05/18/98	Water Quality	6th Ave S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	05/18/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	N7	07/02/98	Water Quality	6th Ave S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	07/03/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	N8	03/24/97	Water Quality	4500 7th Ave S	Separated	Diagonal Ave S CSO/SD	03/24/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	N8	07/07/05	Water Quality	707 S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	07/08/05	No	No	Paint	Unknown	RecWater: duwamish Other: Spoke with business owner.
30b	N8	01/07/98	Water Quality	7th Ave S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	01/09/98	No	No	Paint	Unknown	RecWater: duwamish Other: Drains ok at this location per K. Renee
30b	N8	07/27/13	Water Quality	7th Ave S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	07/27/13	Yes	No	Soap/Washwater		s Found Fleetwash washing w/o BMP's. Issued NOV.
30b	N8	06/04/14	Water Quality	7th Ave S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	06/04/14	Yes	No	Unknown	Unknown	SPU IDDE received trigger value potassium in storm line at this location. Traced to flow from hillside with heavy groundwater flow. No other possible cure but groundwater.
30b	N9	08/13/09	Water Quality	Airport Wy S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD		No	No	Soap/Washwater	Fixed business not implementing BMPs	other possible source but groundwater. Report of washing at a business. Forward to Superfund inspectors.

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Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
30b	N9	06/10/14	Water Quality	Airport Wy S & S Snoqualmie St	Separated	Diagonal Ave S CSO/SD	06/10/14	Yes	No	Unknown	Unknown	SPU IDDE received trigger value potassium in storm line at location. Investigation is ongoing.
30b	О3	09/16/11	Water Quality	4700 Ohio Ave S	Separated	Diagonal Ave S CSO/SD	09/16/11	No	No	Other	Fixed business not implementing BMPs	
30b	O5	12/09/08	Water Quality	4700 Denver Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of break fluid spilled into storm drain. ECY responded to location & NRC cleaned one CB, material did not exit CB. Did not respond. ECY handled case.
30b	O5	10/11/11	Water Quality	4700 Denver Ave S	Separated	Diagonal Ave S CSO/SD	10/11/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	While in field came across sheen & oil in ROW. RP was owner/operator of truck. Truck was leaking fluids to ground. I requested RP clean up spill. SDOT used sweeper and absorbent to clean up spill. No material made it into MS4. Checked site the next day and spill had been cleaned up and truck had been towed to shop.
30b	O5	08/20/12	Water Quality	4700 Denver Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Accidental Spill	Report of hazardous material release at Union Pacific Argo rail yard. RP called in NRC to clean up area. Not a SWQ threat.
30b	O8	12/11/90	Water Quality	600 S Edmunds St	Separated	Diagonal Ave S CSO/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
30b	09	09/29/09	Water Quality	4716 Airport St	Separated	Diagonal Ave S CSO/SD	09/29/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	On view antifreeze spill in curb & gutter, did not reach MS4. Cleaned up by SWQ inspectors.
30b 30b	O9 P9	09/26/11 03/15/11	Water Quality Water Quality	4716 Airport St 4810 Airport Wy S	Separated Separated	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	09/26/11 03/15/11	No Yes	No No	Unknown Other	Fixed business not implementing BMPs Other	Onview of illicit discharge to street. Observed reddish colored water in the roadway & found the source to
30b	Q3	11/04/08	Water Quality Water Quality	5011 Ohio Ave S	Separated	Diagonal Ave S CSO/SD	11/05/08	No	No	Unknown	Unknown	be red clay. Cleaned up clay & left onsite for the owner to clean up. ERTS from ECY. Haz-Waste inspector was unsure where floor drains
			,		•							went. Referred ERTS to Duwamish business inspection program for dve testing.
30b	Q7	09/10/07	Water Quality	5212 Denver Ave S	Separated	Diagonal Ave S CSO/SD	09/11/07	No	No	Process Wastewater	Other	Business is marble granite company that I am already working with. They have no catch basins that go to storm. Not a water quality issue right now.
30b	Q7	07/19/12	Water Quality	6th Ave S & S Dawson St	Separated	Diagonal Ave S CSO/SD	07/23/12	Yes	No	Unknown	Unknown	Report of white material in drain. Upon arrival found rain had washed it away. Crew to clean drain. Unknown source.
30b	Q8	08/11/12	Water Quality	5200 Denver Ave S	Separated	Diagonal Ave S CSO/SD		No	No	Soap/Washwater	Mobile business not implementing BMPs	Report of veh washing by a mobile washing company. No info on RP. Caller will call hotline next time this occurs.
31	E1	11/10/04	Water Quality	1st Ave S & S Front St	Separated	1st Ave S SD (east)	11/29/04	No	No	Process Wastewater	Unknown	RecWater: metro Other: No washing found
31	E1	05/18/09	Water Quality	1st Ave S & S Front St	Separated	1st Ave S SD (east)	05/18/09	No	No	Sediment	Fixed business not implementing BMPs	Report of track out @ business. Forward case to business inspection program.
31	H1	07/23/02	Water Quality	1st Ave S & S River St	Separated	1st Ave S SD (east)		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: puget sound Sewer Class: Duwamish Other: Doing business inspections in area
31	H1	12/01/03	Water Quality	1st Ave S & S River St	Separated	1st Ave S SD (east)	12/08/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Surface Other: Still working on case
31	H1	08/27/09	Water Quality	1st Ave S & SW Michigan St	Direct	1st Ave S SD (east)		No	No	Unknown	Unknown	Report of spill from vessel to water. Forward to ECY to handle.
32	G1	01/30/04	Water Quality	E Marginal Wy S & 1st Ave S	Separated	Head of Slip 2 SD	01/30/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: RMW did not find sheen
32	G1	01/31/12	Water Quality	E Marginal Wy S & 1st Ave S	Separated	Head of Slip 2 SD	01/31/12	No	No	Sediment	Construction	Report of Union Pacific RR doing work and causing a mess. During site visit I noticed several areas of track out. I spoke to project manager and educated about code & asked to have affected areas cleaned up. Sweeper was called in to clean up track out & BMP's put in place.
32	G3	04/14/11	Water Quality	5980 1st Ave S	Separated	Head of Slip 2 SD	04/15/11	Yes	No	Garbage/Debris	Other	Report of fishy foul smelling water being discharged to storm drain. Arrived at site and observed a leaking dumpster that had a pool of smelly water below it. I spoke to Quality Control officer at site and had him pump puddle over to sanitary as a temporary measure until they fix dumpster leak. I also conducted a business inspection of site while I was there and referred site to ECV.
32	G3	07/21/05	Water Quality	5980 1st Ave S	Separated	Head of Slip 2 SD	07/22/05	No	No	Other	Unknown	RecWater: duwamish Other: Sent educational letter.
33	C4	10/30/08	Water Quality	210 S River St	Separated	S River St SD	10/30/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Caller reported strong smell of fuel in M/H nothing obvious in M/H or any obvious source. Requested M/H hole to be jetted and adjacent inlet to be cleaned and ietted. No a water quality issue at this time.
33	C4	09/09/02	Water Quality	210 S River St	Separated	S River St SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: educated business owners, turned into business inspection for lion trucking
33	C4	06/03/02	Water Quality	210 S River St	Separated	S River St SD	06/05/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Will do business inspection of neighbor business - Lion Trucking
33	C6	07/13/99	Water Quality	306 S River St	Separated	S River St SD	07/13/99	No	No	Sewage	RV Dumping	RecWater: duwamish Results of Inspection/Referral to: None Other: None
33	D2	07/19/01	Water Quality	S River St & Occidental Ave S	Separated	S River St SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwarnish Sewer Class: Duwarnish Results of Inspection/Referral to: None Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving	Pollutant	Cause	Summary
33	D3	06/17/14	Water Quality	150 S River St	Separated	S River St SD	06/17/14	Yes	Water? No	Soap/Washwater	Illicit Connnection	SPU IDDE received trigger value surfactant downstream in tidally influenced stormwater line. Conducted dye testing of neighboring businesses and determined that a shop sink in the repair bay at V. VanDyke was illicitly connected to the stormwater catch basin in their Drway and thus the storm line on S River St. V. VanDyke was notified of the connection and they quickly disconnected and plugged the illicit connection. No NOV was sent at the repair was made before the NOV
33	D4	10/16/02	Water Quality	S River St & 2nd Ave S	Separated	S River St SD		No	No	Soap/Washwater	Unknown	RecWater: duwamish Other: Reoccurring problem
34	E5	09/09/14	Water Quality	S BRIGHTON St & FOX Ave S	Separated	S Brighton St SD	09/09/14	Yes	No	Soap/Washwater	Illicit Connnection	Received elevated surfactant trigger & source traced to 525 S Brighton St. where an internal drain was discovered to be cross connected.
34	F2	08/18/09	Water Quality	6701 Fox Ave S	Separated	S Brighton St SD	08/18/09	No	Yes	Unknown	Unknown	Report of discolored water from private storm outfall. Unable to locate source.
36	B5	09/08/09	Water Quality	601 S Myrtle St	Direct	S Garden St SD	09/08/09	No	Yes	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of oil sheen in river, checked outfalls. No obvious source found.
36	E5	07/21/08	Water Quality	600 S Garden St	Separated	S Garden St SD	07/22/08	No	No	Unknown	Other	A milky white discharge was reported on 7-21/08 coming from the Seattle Iron & Metal (SIM) site. BR met with SIM & Robert Wright with Ecology on 7/22/08. Eric Paul reported that SIM discharged approximately 20,000 gallons of treated stormwater on 7-21-08 form 2:30pm to 4:00pm
39	A1	04/10/02	Water Quality	7700 14th Ave S	Separated	16th Ave S SD (east)	04/10/02	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: duwamish Other: Conducted bus. Insp & request changes to come into complinance wipermit.
41	B2	09/18/14	Water Quality	Military Rd S & S Othello St	Separated	S Norfolk St CSO/PS#17/EOF/SD	09/18/14	No	No	Garbage/Debris	Illegal Dumping	Trash dumped along the road and it SW ditches. No spillage. Forwarded issue to illegal dumping.
41	M9	01/20/09	Water Quality	9267 42nd Ave S	Separated	S Norfolk St CSO/PS#17/EOF/SD	01/21/09	No	No	Sewage	Broken/Blocked side sewer or pipe	Report of large sewage release from side sewer. During site visit saw large open hole with standing water in it. Side sewer was apparently not connected to sewer main. This is a Sound Transit project. I am requesting that property owner and ST come to an agreement on a strategy to get the side sewer fixed.
41	N10	07/03/07	Water Quality	9600 MLK Jr Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/06/07	No	No	Sediment	Fixed business not implementing BMPs	
41	P10	07/16/02	Water Quality	9700 M L King Jr Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/16/02	No	No	Drainage	Unknown	RecWater: duwamish Other: Helped uncover CB. Drainage is on private property
41	Q10	09/23/92	Water Quality	9750 M L King Jr Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD		No	No	Drainage	Unknown	Results of Inspection/Referral to: Other: Public Health Other: None
41	Q3	06/24/94	Water Quality	10016 E Marginal Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/05/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: SW RecWater: duwamish Inspector Notes: CL Results of Inspection/Referral to: None Other: None
41	Q8	07/19/11	Water Quality	9833 40th Ave S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/19/11	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Request from Spill Responder to investigate surce of spill. Unable to determin RP after through investigation.
41	Q9	04/28/10	Water Quality	9801 MLK Jr Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	05/06/10	Yes	No	Sewage	Illicit Connnection	While taking grab sample discovered high fecal counts. After source tracing discovered illicit connection at 9801 MLK Jr Way S. Bus washing area was connected to storm line. Referred to ECY and requested that they have connection fixed. Business fixed connection case closed
41	Q9	07/19/11	Water Quality	9844 40th Ave S	Separated	S Norfolk St CSO/PS#17/EOF/SD	07/21/11	Yes	No	Fats, Oil and Grease (FOG)	Illicit Connnection	FOG was found in stormdrain. After observing FOG in the stormdrain, traced the source to January Company. Company has illicit connection from an internal floor drain. Issued NOV and referred to Business Inspection program for follow up.
41	Q9	01/23/09	Water Quality	S Norfolk St & MLK Jr Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	01/23/09	No	No	Sewage	Broken/Blocked side sewer or pipe	Request from DWW to check area after overflow. Checked area did not find anything. Report was made by DWW to ECY.
41	Q9	12/31/08	Water Quality	S Norfolk St & MLK Jr Wy S	Separated	S Norfolk St CSO/PS#17/EOF/SD	12/31/08	No	No	Sewage	Broken/Blocked side sewer or pipe	Report of poss. Sewer overflow to MS4, unable to determine if overflow occurred due to heavy rain/stormwater flow. ERTS submitted by DWW. Not an active problem.
41	R11	02/08/96	Water Quality	9927 47th Ave S	Separated	S Norfolk St CSO/PS#17/EOF/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: HT Sewer Class: ground water Results of Inspection/Referral to: Other City Dept Other: Antifreeze info letters sent to 14 residents
41	R12	05/08/02	Water Quality	9943 Beacon Ave S	Separated	S Norfolk St CSO/PS#17/EOF/SD	05/10/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: sanitary Sewer Class: ditch Other: Educated owner about cleaning up oil.
41	R5	11/04/11	Water Quality	3301 S NORFOLK St	Separated	S Norfolk St CSO/PS#17/EOF/SD	11/04/11	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of spill to drains. RP cleaned w/contractor assist - No negligence, no NOV. Confined to private system.
41	S10	05/20/08	Water Quality	MLK Jr Wy S & S 104th PI	Separated	S Norfolk St CSO/PS#17/EOF/SD	05/21/08	Yes	Yes	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Spill of diesel in Tukwilla poss affected SPU infrastructure. Site visit found spill went only to tukwill did not enter Seattle MS4.
41	T4	06/04/02	Water Quality	E Marginal WY & S Boeing Access Road	Unknown	S Norfolk St CSO/PS#17/EOF/SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: outside city limit Sewer Class: unknown Results of Inspection/Referral to: Ecology
43	G6	06/14/12	Water Quality	4034 W Marginal Wy SW	Separated	SW Dakota St SD	06/14/12	No	No	Fats, Oil and Grease (FOG)	Fixed business not implementing BMPs	
43	H5	02/21/12	Water Quality	W Marginal Wy SW & SW Dakota St	Separated	SW Dakota St SD	07/02/97	No	No	Odor Automotivo Fluid	Other	Report of Diesel exhaust entering building. Forward to ERTS Tracker. Caller also reported to EPA, PSCA & ECY. Not a SWQ issue.
43	по	07/01/97	Water Quality	W Marginal Wy SW & SW Dakota St	Separated	SW Dakota St SD	07/02/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving	Pollutant	Cause	Summary
									Water?			
43	K5	06/25/13	Water Quality	4209 W Marginal Wy SW	Separated	SW Dakota St SD	06/25/13	No	No	Soap/Washwater	Other	Caller reported soapy residue in parking lot. SPU staff conducted site visit, soap no longer there, could not determine responsible party. No spill to cleanup. Did not make it to MS4.
44	B5	08/05/14	Water Quality	W Marginal Wy SW & SW Idaho St	Separated	SW Idaho St SD	08/05/14	Yes	No	Unknown	Unknown	SPU IDDE received trigger level conductivity and potassium in stormline. Line is heavily tidally influenced. Subsequent sampling
44	G5	12/23/04	Water Quality	SW Edmonds & W Marginal Wy SW	Separated	SW Idaho St SD	12/30/04	No	No	Sediment	Unknown	determined this was likely tidal flow. RecWater: duwamish Other: Educated business owner to stip discharging
44	H5	03/15/12	Water Quality	4800 W Marginal Wy SW	Separated	SW Idaho St SD		No	No	Sediment	Drainage Problem	Report of Port of Seattle tenant having drainage that was scouring trail surface. Referred to Port of Seattle to investigate.
44	I5	06/29/11	Water Quality	4900 E Marginal Wy S	Direct	SW Idaho St SD		No	Yes	Soap/Washwater	Accidental Spill	Report of white material on Duwamish River coming from NOAA vessel. This is a water to water case, forwarded to Ecology, case closed.
44	I5	03/14/14	Water Quality	5101 W Marginal Wy SW	Separated	SW Idaho St SD		No	No	Drainage	Drainage Problem	IW permitted site diverted additional ground water surfacing on site to treatment system, King County following up on possible permit violations.
44	I5	02/25/92	Water Quality	SW Hudson St & W Marginal Wy SW	Separated	SW Idaho St SD	02/25/92	No	No	Other	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
44	K2	03/19/07	Water Quality	5235 18th Ave SW	Separated	SW Idaho St SD	03/19/07	No	No	Heating Oil	Accidental Spill	Went to site after getting call from citizen that he spilt heating oil in the back yard. I went & saw area, he spilt approx 10x50 feet area. I put pads & left him bag of spag to put down. I also left him KC booklet to see about company to come clean up & evaluate area. Nothing reached stormwater but would hit groundwater. I will check in a few days. 3/23/07 Called home owner & left message to see about contamination to ground. Home owner had already contacted Ecology
44	K2	11/03/09	Water Quality	5235 18th Ave SW	Separated	SW Idaho St SD	11/04/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of leaking above ground tank & leaking auto fluids and parts. Went to site unable to make contact w/home owner, unable to access back yard. Emailed reporting party advising not a SWQ issue & provided DPD contact info.
44	L3	07/01/02	Water Quality	5431 17th Ave SW	Separated	SW Idaho St SD	07/03/02	No	No	Chlorinated Water	Unknown	RecWater: duwamish Other: No one both times on site. Does not call me back!
44	N2	12/06/01	Water Quality	5641 18th Ave Sw	Separated	SW Idaho St SD	12/07/01	No	No	Sediment	Unknown	RecWater: puget sound Results of Inspection/Referral to: DPD Other: None
44	ТЗ	09/22/09	Water Quality	6515 16th Ave SW	Separated	SW Idaho St SD	09/22/09	Yes	No	Unknown	Unknown	Report of possible illicit connection. Went to site and performed several dye tests of houses in area. No illicit connection was found. Sample results also came back with low readings. Problem was probably due to runoff from rain.
44	Т3	08/02/12	Water Quality	6515 16th Ave SW	Separated	SW Idaho St SD		No	No	Unknown	Unknown	Customer has City ditch that runs across his property. Occaisionally, pollution enters the ditch. Gave customer spill response phone number and referred to Spot Drainage as well.
44	U2	11/05/04	Water Quality	SW Holly St & 17th Ave SW	Separated	SW Idaho St SD	11/05/04	No	No	Heating Oil	Unknown	Other: Oil clean by contractor.
44	V2	06/23/09	Water Quality	6740 18th Ave SW	Separated	SW Idaho St SD	06/24/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of someone working on car with no protection for auto fluids. Went to site was unable to find car in area. Caller said that once he
45	C4	03/12/14	Water Quality	5405 W Marginal Wy SW	Part. Sep.	SW Kenny St SD/T115 CSO		No	No	Heating Oil	Fixed business not implementing BMPs	called up the problem went away. report of illegal use of the sanitary sewer system for disposal. Referral to business inspection program. Not a SWQ issue.
45	D5	09/08/09	Water Quality	5616 W Marginal Wy SW	Direct	SW Kenny St SD/T115 CSO	09/08/09	No	Yes	Sediment		On view illicit discharge from vessel on water, forward to ECY.
45	H6	07/16/98	Water Quality	6100 W Marginal Wy SW	Separated	SW Kenny St SD/T115 CSO	10/27/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: duwamish Results of Inspection/Referral to: None
46	C7	01/13/00	Water Quality	6760 W Marginal Wy SW	Separated	Highland Wy SW SD	01/14/00	No	No	Automotive Fluid	Unknown	Other: None RecWater: duwamish
										(Oil/Gasoline/Antifreeze, etc)		Results of Inspection/Referral to: None Other: None
46	D7	07/22/14	Water Quality	W Marginal Wy SW & SW FRONT St	Separated	Highland Wy SW SD		Yes	No	Unknown	Drainage Problem	Team 1 received trigger potassium and elevated Fecal Coliform from MH at SW Front St & W Marginal. Team 2 traced elevated fecals to discharge from Duwamish Greenbelt. has large homeless population.
46	D8	01/19/01	Water Quality	Highland Park Wy SW & W Marginal Wy	S Separated	Highland Wy SW SD	01/20/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Did not find oil
46	D8	07/16/12	Water Quality	Highland Park Wy SW & W Marginal Wy	S Separated	Highland Wy SW SD	07/16/12	Yes	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of black material in storm drain, poss. oil. DWW crew requests eval. Sample shows elevated TPH. Gary Lockwood to work on proper disposal & clean up.
46	H5	08/08/10	Water Quality	7th PI SW & SW Othello St	Separated	Highland Wy SW SD	08/11/10	No	No	Paint	Unknown	Report of paint cans in ditch, unable to locate. Poss. Removed by Illegal Dumping.
46	K2	11/26/07	Water Quality	7712 12th Ave SW	Separated	Highland Wy SW SD	11/27/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Did site visit found leaking vehicle advised owner of code and requested clean up of fluids. Provided sphagsorb for fluids on ground. Owner will park on dirt till they get van fixed, Advised reporting party of findings.
46	L1	04/08/96	Water Quality	7729 12th Ave SW	Separated	Highland Wy SW SD	04/10/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Drain pipe Other: 55 oal barrel at edge of alley empty. See hard copy
46	L1	10/11/94	Water Quality	7729 12th Ave SW	Separated	Highland Wy SW SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Cher: 55 dat parret at edge of allev embty. See nard coby CallTakenBylnit: SW Results of Inspection/Referral to: None Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
46	L1	05/16/96	Water Quality	7729 12th Ave SW	Separated	Highland Wy SW SD		No	No No	Garbage/Debris	Unknown	Sewer Class: Street runoff Results of Inspection/Referral to: None
46	L2	12/20/93	Water Quality	7724 12th Ave SW	Separated	Highland Wy SW SD	12/21/93	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None Results of Inspection/Referral to: None Other: None
46	L2	04/06/06	Water Quality	7725 12th Ave SW	Separated	Highland Wy SW SD	04/12/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: longfellow ck Other: Educated Owner
46	M2	06/23/98	Water Quality	SW Kenyon St & 12th Ave SW	Infiltration	Highland Wy SW SD	06/23/98	No	No	Sediment	Unknown	RecWater: longfellow ck Results of Inspection/Referral to: DPD Other: None
46	M3	10/07/97	Water Quality	7902 11th Ave SW	Separated	Highland Wy SW SD	10/15/97	No	No	Other	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
46	M3	06/07/93	Water Quality	SW Kenyon St & 10th Ave SW	Separated	Highland Wy SW SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: St Maint.
46	M5	05/18/00	Water Quality	7900 9th Ave SW	Separated	Highland Wy SW SD	05/18/00	No	No	Other	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
46	M5	08/25/09	Water Quality	7902 9th Ave SW	Separated	Highland Wy SW SD	08/25/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Mobile business not implementing BMPs	s Report of leak from Tow Truck, problem occurred in July & amount or ground is unrecoverable. Spoke w/RP - Requested BMP's & attempt
46	01	12/02/02	Water Quality	7948 13th Ave Sw	Separated	Highland Wy SW SD	12/05/02	No	No	Garbage/Debris	Unknown	cleanup. RecWater: duwamish Sewer Class: surface Other: Spoke with all responsible parties. Educated about surface water pollution
46	O2	01/16/04	Water Quality	8115 11th Ave S	Separated	Highland Wy SW SD	01/20/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Storm Other: Educated resident
46	O2	08/06/02	Water Quality	8115 11th Ave S	Separated	Highland Wy SW SD	08/06/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: surface
46	О3	09/13/01	Water Quality	8114 11th Ave SW	Separated	Highland Wy SW SD	09/13/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Didn't see car on site RecWater: duwamish Results of Inspection/Referral to: None
46	P3	10/06/06	Water Quality	8143 10th Ave SW	Separated	Highland Wy SW SD	10/16/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Other: None Went & looked at area. Unable to see any sheen. It has been sometime since call & I was not able to get to complaint soon enougl
46	U3	08/10/04	Water Quality	8823 10th Ave SW	Separated	Highland Wy SW SD	08/11/04	No	No	Concrete/Cement	Unknown	RecWater: Storm Sewer Class: surface
47	C6	01/07/98	Water Quality	2nd Ave S & W Marginal Wy S	Separated	1st Ave S SD (west)	01/23/98	No	No	Unknown	Unknown	Other: Educated contractor. RecWater: duwamish Sewer Class: line Results of Inspection/Referral to: None Other: None
47	C6	07/23/13	Water Quality	SW Peninsula PI & SW Michigan St	Separated	1st Ave S SD (west)	07/26/13	No	No	Unknown	Illegal Dumping	Illegal dumping reported. Not a risk of immediate threat to MS4. BS secured jugs and referred to SDOT illegal dumping. No spill to MS4.
47	D5	08/27/14	Water Quality	7201 W Marginal Wy SW	Part. Sep.	1st Ave S SD (west)	08/27/14	No	No	Process Wastewater	Fixed business not implementing BMPs	I was driving by this facility at 0945 and noticed a sizable flow of water to the yard drain just inside the exit of this facility. The day was sunn and no precipitation. Facility workers were using water hoses to clear the transfer station paved yard and washing solid waste debris into the drain. This drain is supposed to collect only clean stormwater and pump the water to a 21,000 gallon above ground holding tank. The water in this tank is used to clean the lot surface and for dust control. The water in this tank can be used for process operations but it is no supposed to collect process wastewaters. The discharge into this driccontaminated the contents of this tank making it unable to be discharged to the MS4 during rain events.
												I spoke with M. John Borghese on the phone about this incident. Joh is the site manager but is located at the WM Alaska Street Reload facility. I explained my observations and he realized that he needed t remove this process water and clean the tank before the next rain event. There was no discharge to the MS4 at this time. This activity only poses a future risk to spilling this waste to the public drainage
47	F6	11/03/10	Water Quality	7500 Detroit Ave SW	Separated	1st Ave S SD (west)	11/03/10	No	No	Other	Other	While inspecting a local business I noticed a puddle of black liquid near drainage ditch. Liquid was compost leachate from 10 yard compost dumpster. I talked to manager of site and he immediately had an employee clean up puddle. He also said that he would build a cov for the dumpster and put a berm around dumpster to collect leaks, at contaminated leachate will be collected and emptied into sanitary
47	F6	09/28/10	Water Quality	7600 2nd Ave SW	Separated	1st Ave S SD (west)	09/28/10	No	No	Sediment	Fixed business not implementing BMPs	
47	G3	03/27/00	Water Quality	608 SW Austin DR	Separated	1st Ave S SD (west)	04/07/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
47	H1	03/05/04	Water Quality	840 SW Holden St	Separated	1st Ave S SD (west)	03/05/04	No	No	Sediment	Unknown	RecWater: duwamish Other: Referred to DPD for follow up. Active permit #738575

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
47	H6	06/04/99	Water Quality	7739 1st Ave S	Separated	1st Ave S SD (west)		No	No No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
47	H6	03/18/97	Water Quality	7739 1st Ave S	Separated	1st Ave S SD (west)		No	No	Process Wastewater	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
47	H7	03/05/98	Water Quality	7700 1st Ave S	Separated	1st Ave S SD (west)	03/12/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Mgr will buy a water tight seal for the drain.
47	I10	08/08/06	Water Quality	250 S Chicago St	Separated	1st Ave S SD (west)	08/09/06	No	No	Sediment	Fixed business not implementing BMPs	Business will move dirt. No other WQ issues found. Tasha will do Superfund ispection. 8/8/06 Called Jim Sifford KCIW 263-3008 He advised that business is not permitted but he would like to know more, Discharge limit 5ppm & 10ppm grab.
47	l5	06/08/11	Water Quality	7717 Detroit Ave SW	Separated	1st Ave S SD (west)	06/08/11	No	Yes	Sewage	Other	SPU mainline blockage caused sewer overflow to creek. Crews cleared blockage & performed clean up. Reports made by Vicky Kobayashi for NPDES violations.
47	19	11/30/10	Water Quality	130 S Kenyon St	Separated	1st Ave S SD (west)		Yes	No	Sediment	Construction	Ecology called regarding City construction site not implementing adequate BMP's & causing turbid discharge. Requested contact info for project manager. Ecology & SPU project manager Henry Friedman. Following up with site to ensure compliance.
47	19	03/09/11	Water Quality	130 S Kenyon St	Separated	1st Ave S SD (west)	03/09/11	No	No	Algae/Bacteria/Vegetation	Construction	Complaint of turbid water coming from construction site. Site visit revealed no water quality issues but a naturally occurring process causing water discoloration. (Iron rich de-water)
47	J2	08/18/09	Water Quality	717 SW Kenyon St	Separated	1st Ave S SD (west)	08/20/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of leaking veh. unable to locate, unable to contact caller.
47	J2	03/16/09	Water Quality	7915 7th Ave SW	Separated	1st Ave S SD (west)	03/20/09	No	No	Heating Oil	Other	Report of business collecting tanks on home property. Tanks are from old business & are being removed. Issue is more of a site contamination issue. ECY will follow up on that.
47	J3	02/22/00	Water Quality	509 SW Kenyon St	Separated	1st Ave S SD (west)	02/22/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
47	J6	06/19/14	Water Quality	SW Kenyon St & Detroit Ave SW	Separated	1st Ave S SD (west)	06/19/14	No	No	Unknown	Unknown	SPU IDDE received trigger value fluoride and surfactant in line coming from apartments on hill. Used optical brighteners to trace discharge. Ongoing.
47	J7	07/30/13	Water Quality	1st Ave SW & SW Kenyon St	Separated	1st Ave S SD (west)		No	No	Sewage	Unknown	Report of homless camps using wetland areas for bathrooms. The sites are on WSDOT property. Forwarded to State to handle.
47	J7	05/10/00	Water Quality	7901 1st Ave S	Separated	1st Ave S SD (west)	05/12/00	No	No	Garbage/Debris	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
47	J9	02/04/10	Water Quality	7901 2nd Ave S	Separated	1st Ave S SD (west)	02/05/10	No	No	Soap/Washwater	Fixed business not implementing BMPs	Report of soapy wash water being used going to drains. Went to reported location and spoke to manager at T.H. Seafood. He stated that they are required to sanitize the processing area by the health dept. also said that water goes to indoor floor drain. Advised that is was slow day and that employees were washing truck. I educated about code & WQ concerns. Manager stated that employees would no longe wash vehicles on site. I also asked to make sure that water used to sanitize processing area be pushed to indoor floor drain. Referred to
47	K10	10/13/00	Water Quality	8100 2nd Ave S	Separated	1st Ave S SD (west)	10/16/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
47	K6	08/28/90	Water Quality	8105 1st Ave S	Separated	1st Ave S SD (west)	09/01/90	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	Results of Inspection/Referral to: None Other: None
47	K7	04/23/10	Water Quality	8100 1st Ave S	Separated	1st Ave S SD (west)	04/23/10	Yes	No	Sediment	Mobile business not implementing BMPs	s Report of City Crew causing turbid discharge. Found SDOT crew not implementing BMPs during ditch cleaning. Notified SDOT management. ERTS Report and stopped work.
47	K7	09/20/06	Water Quality	8101 1st Ave S	Separated	1st Ave S SD (west)	09/20/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	10/20/06 I received a call from ORC They advised that DOE had called them about an oil spill at said address. I called DOE they reported that the day prior some oil was spilled as a result of a "gen set" falling off of a truck. The person who had called them was upset because he was told by the truck Drr involved that a spill crew was responding that night. When he drove by the location this morning the spill was still there. 10/20/06 I Responded to the location while in route I called the RP. The RP advised he was unaware that the spill was not fully cleaned las night and he has someone in route to clean the spill 10/20/06 The RPs spill person arrived and places absorbent pads and sphag-sorb on the spill. He than cleaned up the entire spill.
47	K7	12/01/05	Water Quality	8101 1st Ave S	Separated	1st Ave S SD (west)		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: Other City Dept Other: Referred to Solid waste Inspector's.
47	L11	08/09/12	Water Quality	8249 5th Ave S	Separated	1st Ave S SD (west)	08/09/12	No	No	Sediment Westernam	Construction	Construction site w/unstabilized soils causing severe fugitive dust issues & track onto 5th Ave S. Forwarded to DPD.
47	L7	07/28/98	Water Quality	8111 1st Ave S	Separated	1st Ave S SD (west)	07/28/98	No	No	Process Wastewater	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
47	L7	03/30/99	Water Quality	8155 1st Ave S	Separated	1st Ave S SD (west)	03/30/99	No	No No	Paint	Unknown	CallTakenByInit: PC RecWater: Ist S wetlands Sewer Class: -storm Results of Inspection/Referral to: Ecology Other: None
47	M7	03/01/99	Water Quality	8425 1st Ave S	Separated	1st Ave S SD (west)		No	No	Concrete/Cement	Unknown	CallTakenByInit: DOE RecWater: duwamish Sewer Class: system Results of Inspection/Referral to: None Other: None
47	M7	12/15/06	Water Quality	8425 1st Ave S	Separated	1st Ave S SD (west)	12/15/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Went to site and Spill Response was already on site. Observed diesel fuel/water mixture running off property into a ditch alond 1st Ave S. Called Ecology to report the spill. Talked with Howard Zori and informed him of the situation on site. He will contact the SPU Spill Responder.
47	M7	10/16/13	Water Quality	8425 1st Ave S	Separated	1st Ave S SD (west)		No	No	Drainage	Other	Referral from Brian Robinson, Spill Responder, to Nate Hart WQ. Briar stated he contacted DPD for permitting issues, and DPD stated that it would be SDOT that would regulate private shoulder drainage. Brian contacted Kate Rhoads. Nate Hart acting as middleman for information necessary for Kate Rhoads, as incident response was Brian and Kate is handling referral.
47	S8	08/27/08	Water Quality	9400 Myers Wy S	Separated	1st Ave S SD (west)	09/02/08	No	No	Garbage/Debris	Illegal Dumping	Three dump sites in the woods along Myers Way S. were discovered by Troy Lane about a week ago when he was monitoring the flow of Marie Creek near the City of Seattle Joint Training Facility. Sites have been cleaned up by both Illegal Dumping & WA-DOT.
47	ТЗ	04/21/09	Water Quality	9415 5th Ave SW	Separated	1st Ave S SD (west)	04/22/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of leak from car, cleaned up leak. No SWQ issues leak over grass & soil.
48	F7	10/29/03	Water Quality	7421 5th Ave S	Separated	2nd Ave S SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Surface
48	H4	02/23/10	Water Quality	2nd Ave S & S Austin St	Separated	2nd Ave S SD	02/24/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Other: Soill Coordinator on-site. Contractor called to clean up spill. Caller reported truckers changing oil & dumping it in the ROW. Did no discharge to the MS4. Forwarded to SDOT, not a water quality issue a this time.
48	14	10/17/00	Water Quality	211 S Austin St	Separated	2nd Ave S SD	10/17/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
48	14	04/20/05	Water Quality	211 S Austin St	Separated	2nd Ave S SD	04/21/05	No	No	Chemicals (Solvent, Haz Waste,	Unknown	RecWater: duwamish
48	14	04/25/05	Water Quality	211 S Austin St	Separated	2nd Ave S SD		No	No	Acids, etc) Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	Other: Battery washing occurs under cover. RecWater: duwamish Other: spoke with business owner
49	A7	01/22/01	Water Quality	7502 5th Ave S	Separated	7th Ave S SD	01/24/01	No	No	Sediment	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
49	A8	05/22/00	Water Quality	531 S Riverside Dr	Direct	7th Ave S SD	05/24/00	No	No	Garbage/Debris	Unknown	RecWater: duwamish Sewer Class: Duwamish Results of Inspection/Referral to: None Other: None
49	A8	04/16/09	Water Quality	605 S Riverside Dr	Separated	7th Ave S SD	04/16/09	Yes	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Fixed business not implementing BMPs	
49	В7	10/17/00	Water Quality	509 S Austin St	Separated	7th Ave S SD	10/24/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Surface-Storm Results of Inspection/Referral to: None
49	В7	03/02/04	Water Quality	5th Ave S & S Holden St	Separated	7th Ave S SD		No	No	Unknown	Unknown	Other: None RecWater: duwamish Other: Don dealt with spill
49	В8	09/04/08	Water Quality	540 S Holden St	Separated	7th Ave S SD	09/04/08	Yes	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Fixed business not implementing BMPs	
49	В9	08/25/01	Water Quality	636 Riverside Dr	Separated	7th Ave S SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
49	В9	08/14/01	Water Quality	636 Riverside Dr	Separated	7th Ave S SD	08/15/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
49	В9	06/23/98	Water Quality	640 S Riverside Dr	Separated	7th Ave S SD	06/23/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Orner: None RecWater: duwamish Sewer Class: Surface Results of Inspection/Referral to: None Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
49	C7	04/18/07	Water Quality	7709 5th Ave S	Separated	7th Ave S SD	04/24/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Went & talked with owner of Manufacturing Technology Inc. he owns a marble & stone cutting business. They has noticed oil that was dumped on the planting strip but said it was not from them. I request they use pads, which they had on site to soak up oil. Also stored on planting strip are wood pallets that have been broken up & some flourescent light bulbs. I requested he remove the light bulbs ASAP and dispose properly. I will follow up later with a Dr by. 5/1/07 Area
49	C8	04/04/12	Water Quality	500 S Portland St	Separated	7th Ave S SD	04/04/12	No	No	Concrete/Cement	Other	While in field came across employee of Gear Works that was dumping shop vac waste onto ROW. Stopped and spoke to Manager and subcontractor that was working on the site. Waste was concrete slurry from work on a new pad that was being installed at Gear Works. Educated them about code and required them to clean up site. Gear Works had area of dumping cleaned up.
49	C8	09/19/94	Water Quality	531 S Portland St	Separated	7th Ave S SD	09/21/94	No	No	Paint	Unknown	RecWater: duwamish Inspector Notes: CL Results of Inspection/Referral to: None Other: None
49	C9	03/04/09	Water Quality	700 S Chicago St	Separated	7th Ave S SD	03/05/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of spill. Spill was cleaned by staff before is entered the storm water system.
49	D9	06/07/03	Water Quality	7th Ave S & S Chicago St	Separated	7th Ave S SD	06/09/03	No	No	Process Wastewater	Unknown	RecWater: Diagonal Other: Educated Mr. Grannum, business owner Stormwater Code.
49	E9	10/26/93	Water Quality	702 S Monroe St	Separated	7th Ave S SD	10/27/93	No	No	Process Wastewater	Unknown	Results of Inspection/Referral to: Ecology Other: Grahm moved activities to Tukwila, Ecology listed cont.
49	E9	09/10/03	Water Quality	7th Ave S & S Manroe St	Separated	7th Ave S SD	09/18/03	No	No	Sediment	Unknown	RecWater: duwamish Other: Completed business inspection
49	F9	07/30/99	Water Quality	725 S Elmgrove St	Separated	7th Ave S SD	08/11/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Street - Storm Results of Inspection/Referral to: None Other: None
49 49	18	07/07/10	Water Quality	531 S Sullivan St	Part. Sep.	7th Ave S SD	07/07/10	No	No	Unknown	Illegal Dumping	Report of paint on side of Rd. No spill, forward to Illegal Dumping.
	K8	04/22/92	Water Quality	8723 7th Ave S	Separated	7th Ave S SD	04/27/92	No	No	Drainage	Unknown	CallTakenBylnit: LD Other: St Maint referral
49	M6	12/19/03	Water Quality	4th Ave S & S Henderson St	Direct	7th Ave S SD	12/22/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Elliott Bay Sewer Class: Duwamish Other: Did not find sheen.
49	M6	02/09/09	Water Quality	4th Ave S & S Henderson St	Direct	7th Ave S SD	20/20/42	No	No	Garbage/Debris	Unknown	Not WQ issue, Report of Illegal Dumping.
49	M7	08/08/12	Water Quality	8843 5th Ave S	Separated	7th Ave S SD	08/09/12	No	No	Soap/Washwater	Other	Report of RV discharging into culvert. Site investigation found area dry & denial of discharge from RV owner. Asked that the pipe be removed
49	M7	12/03/12	Water Quality	8843 5th Ave S	Separated	7th Ave S SD	12/04/12	No	No	Sewage	RV Dumping	& all wastewater discharged properly. Caller reported motor home waste pipe draining into adjacent property ditch. Had RV owner remove discharge hose & educated him about stormwater code.
49	N6	05/27/14	Water Quality	9098 4th Ave S	Separated	7th Ave S SD	06/02/14	No	No	Drainage	Drainage Problem	Report of sewage like material entering park from pipe. Determined material was from detention system that was not operating properly. Requested repair of system which stopped the flow. Forwarded issue to
49	P9	06/23/10	Water Quality	9319 7th Ave S	Separated	7th Ave S SD	06/23/10	No	No	Sediment	Unknown	KC Stormwater and ECY Report of backfilling on City property possibly causing WQ issues. Went to site and observed large pile of exposed dirt. Property owner said that someone had dumped it there but he would get rid of it or hydro seed it. After talking to neighboring property owners it was determined that hydro seeding pile would be fine
50	D10	09/30/96	Water Quality	840 S Barton St	Separated	S 96th St SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: Ground Results of Inspection/Referral to: None Other: None
50	D10	09/19/08	Water Quality	9131 10th Ave S	Separated	S 96th St SD	10/03/08	Yes	No	Paint	Illicit Connnection	Received report of suspected illicit connection. Coordinated site visit w/Ecology, King County. Dye tested & confirmed illicit connection from paint waste sump to storm drain. Issued NOV & will follow up w/business inspection.
50	E10	02/06/02	Water Quality	9228 10th Ave S	Separated	S 96th St SD	02/13/02	No	No	Other	Unknown	RecWater: wetland? Sewer Class: ditch Results of Inspection/Referral to: None Other: None
50	E10	08/17/93	Water Quality	9228 10th Ave S	Separated	S 96th St SD	08/19/93	No	No	Unknown	Unknown	Results of Inspection/Referral to: None Other: None
50	E10	02/15/05	Water Quality	9229 10th Ave S	Separated	S 96th St SD	02/15/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Other: Not oil- old CDK dumpsite
50	E10	11/16/99	Water Quality	9243 10th Ave S	Separated	S 96th St SD	11/12/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Hamm Creek Other: See hard copy
50 50	F14 F15	08/27/09 04/16/10	Water Quality Water Quality	1801 S 93rd St 1608 S 96th St	Direct Direct	S 96th St SD S 96th St SD		No No	Yes No	Unknown Unknown	Unknown Unknown	Report of discharge from outfall, forward to county as problem of City. ERTS of discolored water entering the Duwamish under the South Park Bridge. Referred case back to Ecology as area where discolored
50	F9	02/06/00	Water Quality	8th Ave S & S 96th St	Unknown	S 96th St SD		No	No	Concrete/Cement	Unknown	water was coming from is outside City limits. Results of Inspection/Referral to: Ecology Other: None
50	F9	09/26/06	Water Quality	9400 8th Ave S	Separated	S 96th St SD		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Fixed business not implementing BMPs	

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving	Pollutant	Cause	Summary
50	G10	12/20/00	Water Quality	S 96th St & 10th Ave S	Separated	S 96th St SD		No	Water? No	Garbage/Debris	Unknown	RecWater: Hamm Creek Sewer Class: Catch Basin Results of Inspection/Referral to: King County
50	H4	11/15/12	Water Quality	1st Ave SW & SW 100th St	Unknown	S 96th St SD	11/16/12	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Other: None Report of drum spilled to SPU easement. Confirmed not SPU property. Forward to KC & ECY. Not an SPU SWQ problem.
50	J10	03/08/01	Water Quality	10237 10th Ave S	Unknown	S 96th St SD		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Results of Inspection/Referral to: King County Other: None
50	N10	04/27/10	Water Quality	11003 Glen Acres Dr S	Unknown	S 96th St SD		No	No	Automotive Fluid	Leaking Vehicle (no repair)	Report of leaking vehicle via ERTS. Site is outside of City limits.
50	P11	05/28/08	Water Quality	11233 12th Ave S	Unknown	S 96th St SD		No	No	(Oil/Gasoline/Antifreeze, etc) Drainage	Drainage Problem	Referred back to ECY. ERTS sent to SPU - call is not in city. Sent Email back to ERTS tracker
51	A8	05/04/94	Water Quality	1128 13th Ave	Combined	Combined sewer basin		No	No	Sewage	Unknown	advised. Results of Inspection/Referral to: None Other: None
51	А9	01/18/05	Water Quality	2015 E Union St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: Ecology Other: Educated on spill clean up
51	A9	11/21/08	Water Quality	2015 E Union St	Combined	Combined sewer basin	11/21/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	A9	05/25/00	Water Quality	2325 E Union St	Combined	Combined sewer basin	05/25/00	No	No	Fats, Oil and Grease (FOG)	Unknown	RecWater: metro Results of Inspection/Referral to: None
51	A9	08/01/94	Water Quality	19th Ave & E Union St	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	Other: None Results of Inspection/Referral to: None Other: None
51	А9	08/28/07	Water Quality	2220 E Union St	Combined	Combined sewer basin	09/07/07	No	No	Drainage	Drainage Problem	Clogged CB in gas station parking lot. I spoke to the manager on the phone he said he had a plumber out to fix the drain. I spoke to the contractor (West-Vac) they said the drain had a lot of grease in it like someone might have been dumping it in there. I did a site visit and it looks ok now.
51	А9	06/15/07	Water Quality	2220 E Union St	Combined	Combined sewer basin	06/15/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	06/15/07 EA site visit. Found large puddle of likey mixture of water & antifreeze. Advised property owners that they needed to hire contractor to properly dispose of it. Property owners advised to expensive suggested that they pump it out themselves. Consulted with LK who contacted KC Metro. Got OK. 06/18/07 Puddle is now gone.
51	A9	04/03/01	Water Quality	24th Ave E & E Pike St	Combined	Combined sewer basin	04/04/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: sanitary Results of Inspection/Referral to: None Other: None
51	A9	07/28/98	Water Quality	E PINE St & 21st Ave	Combined	Combined sewer basin	07/30/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	А9	12/12/96	Water Quality	2014 E Pine St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	A9	11/05/03	Water Quality	2102 E Madison	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: KC metro Results of Inspection/Referral to: None Other: None
51	A9	07/06/00	Water Quality	2102 E Madison St	Combined	Combined sewer basin	07/11/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Results of Inspection/Referral to: None Other: None
51	A9	09/14/98	Water Quality	2227 E Madison St	Combined	Combined sewer basin	10/07/98	No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: None
51	A9	01/24/02	Water Quality	2227 E Madison St	Combined	Combined sewer basin	01/25/02	No	No	Soap/Washwater	Unknown	RecWater: combined Sewer Class: surface Results of Inspection/Referral to: None Other: None
51	A9	08/04/04	Water Quality	2227 E Madison St	Combined	Combined sewer basin	08/05/04	No	No	Process Wastewater	Unknown	RecWater: Lake WA Other: Request berm put on property to stop water.
51	A9	02/03/07	Water Quality	2227 E Madison St	Combined	Combined sewer basin	02/12/07	No	No	Unknown	Fixed business not implementing BMPs	Unable to find the reported WQ issue. The water over the sidewalk was not affecting the surfase WQ as it sdrains to Combined system Closed
51	A9	03/16/05	Water Quality	2227 E Madison St	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: combined Other: RMT conducting a business inspection
51	В7	09/15/10	Water Quality	412 10th Ave	Combined	Combined sewer basin		No	No	Sewage	Broken/Blocked side sewer or pipe	Report of side sewer leaking into alley. Forward to FSS. Area on combined.
51	В7	06/28/04	Water Quality	700 Broadway	Combined	Combined sewer basin	06/30/04	No	No	Unknown	Unknown	RecWater: metro Sewer Class: Sanitary
51	B8	01/27/05	Water Quality	340 15th Ave	Combined	Combined sewer basin	01/28/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Notified maintenance manager. RecWater: metro Results of Inspection/Referral to: Other City Dept Other: called parking enforcement
51	B8	03/13/00	Water Quality	427 12th Ave	Combined	Combined sewer basin	03/16/00	No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	B8	07/23/03	Water Quality	555 16th Ave	Combined	Combined sewer basin	07/23/03	No	No	Algae/Bacteria/Vegetation	Unknown	RecWater: metro Other: Found source of smell is washing waste water into cb.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	B8	09/24/09	Water Quality	17th Ave E & E Cherry St	Combined	Combined sewer basin		No	No	Sewage	Broken/Blocked side sewer or pipe	Report of sewage back up caused by mainline. First response crew responded and relived backup. No discharge to surface water.
51	В8	10/31/08	Water Quality	1700 E Cherry St	Combined	Combined sewer basin		No	No	Sewage	Broken/Blocked side sewer or pipe	Report of broken sewer backing up in a parking garage. Forwarded to DWW. Not a SWQ issue.
51	B8	09/14/07	Water Quality	17th Ave & E Columbia St	Combined	Combined sewer basin	09/14/07	No	No	Unknown	Unknown	Went to area & talked with crew working on property at the middle of the block in alley. No container found on the there site or on sites in
51	В8	10/01/99	Water Quality	1706 E Columbia St	Combined	Combined sewer basin		No	No	Paint	Unknown	alley. Drove around area & checked other allevs but found nothing CallTakenBylnit: SW RecWater: metro Results of Inspection/Referral to: None Other: None
51	В8	08/28/13	Water Quality	12th Ave & E Columbia St	Combined	Combined sewer basin	08/28/13	No	No	Soap/Washwater	Accidental Spill	Caller reported carpet cleaning water going to CB. Educated business owner on stormwater code & conducted a business audit. Not a water quality issue.
51	B8	05/04/09	Water Quality	830 16th Ave	Combined	Combined sewer basin	05/06/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Report of home auto repair near drain. Went to site but did not observe any auto repair happening. Site is on combined.
51	B8	01/16/97	Water Quality	909 17th Ave E	Combined	Combined sewer basin	01/16/97	No	No	Sewage	Unknown	RecWater: N/A Sewer Class: Ground
51	B8	03/04/05	Water Quality	1811 E Spring St	Combined	Combined sewer basin	03/30/05	No	No	Automotive Fluid	Unknown	Other: None RecWater: metro
51	B8	02/25/02	Water Quality	1100 12th Ave E	Combined	Combined sewer basin	02/25/02	No	No	(Oil/Gasoline/Antifreeze, etc) Other	Unknown	Other: No car in the area that matches description. RecWater: metro
												Results of Inspection/Referral to: None Other: None
51	В9	02/11/03	Water Quality	619 20th Ave	Combined	Combined sewer basin	02/11/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Educated man working on car, layed sawdust down & req he stop work
51	В9	01/25/11	Water Quality	E Cherry St & 20th Ave	Combined	Combined sewer basin		No	No	Sewage	Unknown	Report of sewage to storm drain. Problem on combined, forward to Force Side Sewer.
51	В9	08/28/90	Water Quality	2308 E Cherry St	Combined	Combined sewer basin		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	Results of Inspection/Referral to: None Other: None
51	В9	02/27/08	Water Quality	707 22nd Ave	Combined	Combined sewer basin	02/29/08	No	No	Unknown	Unknown	Received report of sewage from a broken side sewer. Did site visit, did not see any sewage during visit or other problem house looked almost abandoned. Was unable to knock on door due to front steps being blocked off and fence around back.
51	В9	03/11/07	Water Quality	707 22nd Ave	Combined	Combined sewer basin	03/13/08	No	No	Sewage	Broken/Blocked side sewer or pipe	Received call about side sewer brake, second call for this property. Went to site and saw where brake was talked to renter and explained that the brake needed to be fixed ASAP. Called caller back and advised on my actions.
51	В9	09/10/02	Water Quality	19th Ave E & Columbia St	Combined	Combined sewer basin	09/18/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Other: sent letter to property owner regarding issue.
51	В9	06/30/00	Water Quality	1100 23rd Ave	Combined	Combined sewer basin	07/05/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	C10	04/21/05	Water Quality	2753 S Washington St	Combined	Combined sewer basin	04/26/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Stain from leaking car, small unable to remove stain. No threat to WQ
51	C10	05/14/10	Water Quality	109 B 29th Ave	Combined	Combined sewer basin	05/14/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Complaint call that car leaked oil to SD in central Drway of townhouse. Visited site and saw oil in CB. Contacted RP who said he would get CB cleaned by end of weekend. He is to send confirm pictures.
51	C10	10/30/02	Water Quality	145-149-151 28th Ave	Combined	Combined sewer basin	11/01/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Complaint being worked on by Ryean Woods
51	C7	01/28/11	Water Quality	825 Yesler Wy	Combined	Combined sewer basin	01/30/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of strong fuel smell w/oily sheen on foot path. Inspection found light sheen that seemed to originate in bushes & flow towards
51	C7	03/19/98	Water Quality	11th Ave & E FIR St	Combined	Combined sewer basin	03/19/98	No	No	Paint	Unknown	combined drain. RecWater: metro Results of Inspection/Referral to: None
51	C8	02/02/12	Water Quality	1248 S King St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Other: None Report of Cleanscapes truck spilling 3 gal of coolant. Nothing made it to drain and Cleanscapes cleaned up spill. Area on combined, not a
51	C8	03/07/14	Water Quality	1207 S Jackson St	Combined	Combined sewer basin	03/07/14	No	No	Fats, Oil and Grease (FOG)	Mobile business not implementing BMPs	SWQ issue. s report of illegal washing of FSE equipment. Issue on the combined.
51	C8	08/05/14	Water Quality	1207 S Jackson St	Combined	Combined sewer basin		No	No	Fats, Oil and Grease (FOG)	Fixed business not implementing BMPs	Forward complaint to FOG inspection group. Not a SWQ issue report of FOG discharge in the combined area. Not a SWQ issue.
51	C8	02/01/00	Water Quality	1212 S Main St	Combined	Combined sewer basin	02/03/00	No	No	Fats, Oil and Grease (FOG)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	C8	04/17/06	Water Quality	1401 E Yesler Wy	Combined	Combined sewer basin	04/18/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Small spill to combined, Business will clean up.
51	C8	06/20/94	Water Quality	117 12th Ave	Combined	Combined sewer basin	07/13/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Results of Inspection/Referral to: None Other: None
51	C8	12/13/11	Water Quality	1209 E Fir St	Combined	Combined sewer basin	12/21/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	C8	05/08/03	Water Quality	165 19th Ave	Combined	Combined sewer basin	05/08/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Staining all along street. Could not find source
51	C8	12/22/07	Water Quality	1817 E Spruce St	Combined	Combined sewer basin	12/24/07	No	No	Unknown	Unknown	Did site visit, unable to locate problem.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	C8	03/21/12	Water Quality	1619 E Alder St	Combined	Combined sewer basin	03/22/12	No	No No	Soap/Washwater	Washing-Residential	Received a report of wash water being dumped on the lawn of a neighbor. Water appears to be wash water from a washing machine. Site is on the combined system and wash water pools on site, it does not flow to drainage. Met with reporting party, discussed issue. Notifier Public Health of incident
51	C8	09/05/13	Water Quality	1211 E Alder St	Combined	Combined sewer basin		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Other	Report of Perc detected in groundwater at the KC Youth services center. Area is on combined and this is a groundwater issue. Not a SWQ issue.
51	C8	03/01/93	Water Quality	326 15th Ave	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: SW RecWater: metro Results of Inspection/Referral to: Ecology
51	C9	10/01/97	Water Quality	26th Ave S & S Jackson St	Combined	Combined sewer basin	10/03/97	No	No	Paint	Unknown	Other: None CallTakenByInit: I-D RecWater: metro Results of Inspection/Referral to: None
51	C9	03/12/09	Water Quality	2023 S Main St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None Report of fluid spilled from car. Referred to spills.
51	C9	12/17/01	Water Quality	S Main St & 22nd Ave S	Combined	Combined sewer basin	12/17/01	No	No	Garbage/Debris	Unknown	ReferredFrom: Other City Dept RecWater: metro Results of Inspection/Referral to: None
51	D10	01/19/05	Water Quality	804 MLK Jr Wy S	Combined	Combined sewer basin	01/20/05	No	No	Sediment	Unknown	Other: None RecWater: metro Other: asked business owner clean cb
51	D10	03/19/02	Water Quality	2900 S King St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: storm Other: Educated with owner of property, completed business inspection
51	D7	12/17/07	Water Quality	616 8th Ave S	Combined	Combined sewer basin		No	No	Soap/Washwater	Other	Site is on combined not a SWQ issue.
51	D8	08/17/07	Water Quality	1306 S King St	Combined	Combined sewer basin	08/17/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	The reporting party said that this restaurant might be dumping grease in the catch basin onsite. I visited the site on 8-17-7 but the business was closed. I returned on 9-11-07 and conducted a business inspection. The owner disposes of the grease offsite through a oil recycler. Conducted business inspection with the owner, Cau Luu. Mr. Luu said that he has had people change their oil in his parking lot after the greatest and the property of the ground and in the inlet.
51	D9	06/21/05	Water Quality	1122 Hiawatha PI S	Combined	Combined sewer basin	06/21/05	No	No	Concrete/Cement	Unknown	RecWater: combined Other: Sent Letter
51	D9	04/09/93	Water Quality	1122 Hiawatha PI S	Combined	Combined sewer basin		No	No	Sewage	Unknown	Results of Inspection/Referral to: Other City Dept Other: None
51	D9	09/27/00	Water Quality	920 Davis PL S	Combined	Combined sewer basin	09/29/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	D9	06/08/94	Water Quality	920 Davis PL S	Combined	Combined sewer basin	06/23/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Results of Inspection/Referral to: None Other: None
51	E10	09/19/01	Water Quality	3021 20th Ave S & S Beacon St	Combined	Combined sewer basin	09/19/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	E10	04/22/02	Water Quality	1704 30th Ave S	Combined	Combined sewer basin	04/23/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: storm Other: Educated home owner about pollution prevention
51	E10	10/16/01	Water Quality	1514 29th Ave S	Combined	Combined sewer basin	10/18/01	No	No	Concrete/Cement	Unknown	RecWater: combined Results of Inspection/Referral to: None Other: None
51	E8	06/29/00	Water Quality	1511 Valentine PL S	Combined	Combined sewer basin	07/10/00	No	No	Concrete/Cement	Unknown	RecWater: metro Sewer Class: Storm Results of Inspection/Referral to: None Other: None
51	E8	10/11/00	Water Quality	1327 14th Ave S	Combined	Combined sewer basin	10/12/00	No	No	Sediment	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	E8	02/18/99	Water Quality	1322 15th Ave S	Combined	Combined sewer basin	02/23/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: PC RecWater: Metro-ML Results of Inspection/Referral to: None Other: None
51	E9	03/25/05	Water Quality	1908 23rd Ave S	Combined	Combined sewer basin	03/28/05	No	No	Other	Unknown	RecWater: metro Other: Did not find yellow material
51	E9	10/26/98	Water Quality	1529 Rainier Ave S	Combined	Combined sewer basin	10/29/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	ReferredFrom: Other City Dept RecWater: Unknown Sewer Class: Unknown Results of Inspection/Referral to: None Other: None
51	F10	11/08/01	Water Quality	2337 31st Ave S	Combined	Combined sewer basin	11/09/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: sanitary Results of Inspection/Referral to: None Other: None
51	F10	11/14/01	Water Quality	2333 31st Ave S	Combined	Combined sewer basin	11/15/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Results of Inspection/Referral to: None Other: None

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Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	F8	06/21/04	Water Quality	2500 Beacon Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Other: Broken sewer line
51	F8	05/28/04	Water Quality	2500 Beacon Ave S	Combined	Combined sewer basin	06/03/04	No	No	Drainage	Unknown	RecWater: metro Other: Groundwater
51	F8	06/15/00	Water Quality	18th Ave S & S Walker St	Combined	Combined sewer basin	06/27/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	F8	01/02/01	Water Quality	1716 S Hill St	Combined	Combined sewer basin	01/03/01	No	No	Garbage/Debris	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: None
51	F8	06/08/02	Water Quality	1716 S Hill St	Combined	Combined sewer basin		No	No	Unknown	Unknown	RecWater: combined Other: No evidence of material being dumped.
51	F9	02/11/04	Water Quality	2011 24th Ave S	Combined	Combined sewer basin		No	No	Paint	Unknown	RecWater: metro
51	G1	03/01/96	Water Quality	3704 BELVIDERE Ave SW	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Spoke with resident - Fire Dept responded RecWater: metro Results of Inspection/Referral to: None
51	G10	05/01/97	Water Quality	S EStelle St & Rainier Ave S	Combined	Combined sewer basin	05/29/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None RecWater: combined Results of Inspection/Referral to: King County
51	G10	04/21/08	Water Quality	3212 Claremont Ave S	Combined	Combined sewer basin	04/21/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	doors. Did site visit Took photos talked to reporting party who said that that business might be dumping coolant. No one was present while we did site visit. Called King County and discussed ERTS KC will handle
51	G10	01/29/93	Water Quality	3300 Wetmore Ave S	Combined	Combined sewer basin		No	No	Unknown	Unknown	case and call us if needed CallTakenByInit: VL RecWater: metro Results of Inspection/Referral to: None
51	G10	10/23/12	Water Quality	3200 Rainier Ave S	Combined	Combined sewer basin		No	No	Fats, Oil and Grease (FOG)		Other: None Report of food trucks dumping waste. On combined, forward to FOG.
51	G11	01/28/02	Water Quality	2844 Cascadia Ave S	Combined	Combined sewer basin	01/30/02	No	No	Drainage	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	G2	09/24/02	Water Quality	3613 33rd Ave Sw	Combined	Combined sewer basin	09/25/02	No	No	Sewage	Unknown	RecWater: combined Sewer Class: ditch Other: Referred to another SPU department for resolution.
51	G2	07/03/96	Water Quality	3322 35th Ave SW	Combined	Combined sewer basin	07/11/96	No	No	Paint	Unknown	CallTakenBylnit: LD RecWater: metro Results of Inspection/Referral to: None Other: None
51	G2	12/04/01	Water Quality	3311 30th Ave SW	Combined	Combined sewer basin	12/06/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Sewer Class: ground Results of Inspection/Referral to: None Other: None
51	G2	05/25/95	Water Quality	3308 31st Ave SW	Combined	Combined sewer basin	05/26/95	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: None
51	G2	06/14/00	Water Quality	3252 Harbor Ave SW	Combined	Combined sewer basin	06/21/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	G2	04/29/97	Water Quality	3301 31st Ave SW	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: metro Results of Inspection/Referral to: None Other: None
51	G2	05/04/99	Water Quality	3017 Harbor Ave SW	Combined	Combined sewer basin	05/05/99	No	No	Other	Unknown	Notesaboutpollutant: Tracing Dye RecWater: metro Results of Inspection/Referral to: None
51	G3	04/01/93	Water Quality	2344 SW Spokane St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None SecondPollutant: Chemicals (Solvent, Haz Waste, Acids, etc) RecWater: metro Results of Inspection/Referral to: King County Other: None
51	G7	11/25/96	Water Quality	3300 6th Ave S	Combined	Combined sewer basin	11/26/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	G8	04/18/06	Water Quality	3320 Beacon Ave S	Combined	Combined sewer basin		No	No	Sewage	Unknown	RecWater: metro Other: Refferred to Latosha Murray-Taylor
51	G8	11/09/04	Water Quality	3320 Beacon Ave S	Combined	Combined sewer basin		No	No	Sewage	Unknown	RecWater: duwamish
51	G8	04/02/04	Water Quality	3320 Beacon Ave S	Combined	Combined sewer basin	04/02/04	No	No	Sewage	Unknown	Other: Broken line is being repaired by owner. RecWater: metro Other: sewage brake fixed by owner.
51	G8	08/21/03	Water Quality	3230 17th Ave S	Combined	Combined sewer basin	08/22/03	No	No	Process Wastewater	Unknown	Other: sewage brake fixed by owner. RecWater: metro Other: No discharge seen or evidence of pipe going into street.
51	G8	09/02/08	Water Quality	3217 Beacon Ave S	Combined	Combined sewer basin	09/03/08	No	No	Process Wastewater	Fixed business not implementing BMPs	Report of site dumping water from fish tanks into street. Forward to
51	G8	01/10/11	Water Quality	3218 16th Ave S	Combined	Combined sewer basin	01/11/11	No	No	Sediment	Construction	business inspection program. Report of sediment washing off property into ROW. Referred to DPD. On the combined system. Not a surface water quality issue.
51	G9	12/20/06	Water Quality	S Walden St & MLK Jr Wy S	Combined	Combined sewer basin		No	No	Sediment	Construction	Called Bob about complaint. I informed him I would contact DPD complaint line. Called line and gave info to them. Asked Bob to contact us if not resolved.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
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51	- G9	01/03/07	Water Quality	S Walden St & MLK Jr Wy S	Combined	Combined sewer basin	01/03/07	No	No	Sediment	Construction	Call from Bob again abou the track out for this site. He called on 12/20/06 about same problem. I contacted DPD complaint line & asked them to get back with Bob. No call back to him. I went to site today & it looks ok but I need to get addresss info for site so I could get permit number. 1/10/07 No permit found sent email to Victora Simpsor
51	G9	08/04/05	Water Quality	24th Ave S & S Spokane St	Combined	Combined sewer basin		No	No	Other	Unknown	RecWater: meto Other: Notified Golf Course
51	G9	05/17/05	Water Quality	3600 24th Ave S	Combined	Combined sewer basin		No	No	Concrete/Cement	Unknown	RecWater: metro Results of Inspection/Referral to: None
51	G9	09/16/04	Water Quality	3401 25th Ave S	Combined	Combined sewer basin		No	No	Drainage	Unknown	Other: None RecWater: metro Other: Drains cleaned out.
51	G9	08/26/96	Water Quality	3319 25th Ave S	Combined	Combined sewer basin	09/17/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: metro Results of Inspection/Referral to: None Other: None
51	G 9	01/26/12	Water Quality	3300 19th Ave S	Combined	Combined sewer basin		No	No	Drainage	Drainage Problem	Report of poss. Improper drainage on combined. Not a SWQ issue. Provided tech. assistance.
51	H1	06/23/04	Water Quality	4049 40th Ave SW	Combined	Combined sewer basin	06/28/04	No	No	Paint	Unknown	RecWater: metro Other: Educated home owner
51	H1	02/05/98	Water Quality	3712 SW Charlestown St	Combined	Combined sewer basin	02/06/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	H10	04/15/02	Water Quality	3004 S Charlestown St	Combined	Combined sewer basin	04/18/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: surface Other: Educated home owner that this was most likely iron bacteria not pollution
51	H10	04/19/05	Water Quality	3624 Courtland PI S	Combined	Combined sewer basin	04/21/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: sent letter
51	H10	07/16/08	Water Quality	3501 Rainier Ave S	Combined	Combined sewer basin	07/16/08	No	No	Soap/Washwater	Other	Report of business washing vehicles into storm system. Site is on the combined sewer system. Not a water quality issue.
51	H11	07/27/14	Water Quality	Lake Washington Blvd S & 46th Ave S	Combined	Combined sewer basin		No	No	Odor	Other	Report of bad odor coming from sewer vent. Referred to ORC.
51	H2	02/10/09	Water Quality	35th Ave SW & SW Avalon Wy	Combined	Combined sewer basin	02/10/09	No	No	Concrete/Cement	Accidental Spill	Call came in to ORC about concrete slurry from construction site running into CB. Spill responder contracted NRC to clean up slurry. General contractor Mastro Properties was notified about cost recovery for clean up.
51	H2	11/18/09	Water Quality	3280 SW Avalon Wy	Combined	Combined sewer basin	11/19/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of spill @ fuel station. Area on combined sewer system. Referred to business inspection program.
51	H2	01/07/02	Water Quality	3202 SW Avalon St	Combined	Combined sewer basin		No	No	Garbage/Debris	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	H2	11/22/04	Water Quality	3112 Avalon Wy SW	Combined	Combined sewer basin	11/24/04	No	No	Sediment	Unknown	RecWater: metro Other: Called Ede (DPD), she will call contractor.
51	H2	11/16/97	Water Quality	2816 SW Dakota St	Combined	Combined sewer basin	11/18/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: None
51	H2	01/30/04	Water Quality	2816 SW Dakota St	Combined	Combined sewer basin	01/30/04	No	No	Other	Unknown	RecWater: metro Other: no return phne call from caller
51	H2	11/25/96	Water Quality	3805 34th Ave SW	Combined	Combined sewer basin	11/26/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	H2	03/13/06	Water Quality	2938 SW Avalon Wy	Combined	Combined sewer basin	03/22/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Did Business Inspection.
51	H2	03/15/90	Water Quality	3714 33rd Ave SW	Combined	Combined sewer basin		No	No	Chlorinated Water	Unknown	RecWater: Greenlake / Ship Canal Other: Other
51	H3	12/18/97	Water Quality	4155 25th Ave SW	Combined	Combined sewer basin	12/23/97	No	No	Sediment	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	H3	09/12/08	Water Quality	4131 20th Ave SW	Combined	Combined sewer basin		No	No	Sewage	Broken/Blocked side sewer or pipe	Report of broken side sewer problem is in the combined . Referred to FSS program. Not a SWQ issue.
51	НЗ	05/08/08	Water Quality	4124 23rd Ave SW	Combined	Combined sewer basin	05/09/08	No	No	Sediment	Construction	Receive call that stated there was pollution in the surface water. Went to site caller did not give good description of problem while at location I found construction site that had bad BMP's and no erosion control in place. There was also silt stains going to CB. No one on site. I emailed information about site to DPD. I also LM with reporting party about
51	Н3	03/21/07	Water Quality	4113 20th Ave SW	Combined	Combined sewer basin		No	No	Concrete/Cement	Mobile business not implementing BMP	inspection results EA-TB gave me this complaint on 3/23/07 EA phone to reporting party caller advised the concrete did not cause any lasting damage however he was worried about the environmental damage that occurred. I advised the caller that the drain was on the combined system and likely did not cause pollution to the bay. EA - phone to the responsible partys phone number on GIS no answer
51	НЗ	06/06/08	Water Quality	4113 20th Ave SW	Combined	Combined sewer basin	06/06/08	No	No	Concrete/Cement	Mobile business not implementing BMP	Call about cement in street. Did site visit. Drains to the combined, asked contractor to clean up.
51	H3	10/15/14	Water Quality	4035 23rd Ave SW	Combined	Combined sewer basin		No	No	Sewage	Broken/Blocked side sewer or pipe	Received report of side sewer break. Contacted Residential Group to assure they are following up. No contamination of MS4.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	НЗ	09/15/98	Water Quality	4028 Delridge Wy SW	Combined	Combined sewer basin	09/17/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: AVB RecWater: metro Results of Inspection/Referral to: None
51	H3	05/23/00	Water Quality	4017 22nd Ave SW	Combined	Combined sewer basin	05/24/00	No	No	Sewage	Unknown	Other: None RecWater: metro Results of Inspection/Referral to: None
51	Н3	01/29/13	Water Quality	SW Andover St & 21st Ave SW	Combined	Combined sewer basin		No	No	Garbage/Debris	Illegal Dumping	Other: None Report of toilets left on side of road. Forwarded to Illegal Dumping. Not a SWQ threat.
51	НЗ	05/03/13	Water Quality	3631 22nd Ave SW	Combined	Combined sewer basin	05/06/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Caller reported 2'-3' oil sheens on street from auto repairs. Confirmed that drainage in that area goes to combined. Not a water quality issue.
51	H4	03/25/10	Water Quality	3881 16th Ave SW	Combined	Combined sewer basin	03/25/10	No	No	Other	Other	Saw Pacific Iron & Metal roll off truck with box tilted back draining rusty water to street. Scrap roll off box was full of rainwater and Drr was emptying it to the road shoulder.
51	H9	07/17/02	Water Quality	4010 25th Ave S	Combined	Combined sewer basin	07/19/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Other: Spoke with tenant and sent letter
51	H9	04/30/02	Water Quality	4010 25th Ave S	Combined	Combined sewer basin	05/10/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Sewer Class: storm Results of Inspection/Referral to: None Other: None
51	H9	12/24/01	Water Quality	4010 25th Ave S	Combined	Combined sewer basin	12/24/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Results of Inspection/Referral to: None Other: None
51	H9	10/25/02	Water Quality	4002 25th Ave S	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: combined Sewer Class: storm Results of Inspection/Referral to: None Other: None
51	H9	07/12/01	Water Quality	4002 25th Ave S	Combined	Combined sewer basin	07/12/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	H9	01/02/08	Water Quality	S Andover St & 25th Ave S	Combined	Combined sewer basin	01/08/08	No	No	Garbage/Debris	Unknown	This is a repeat complaint about same location from same person in one day of each other.
51	Н9	01/03/08	Water Quality	S Andover St & 25th Ave S	Combined	Combined sewer basin	01/08/08	No	No	Garbage/Debris	Unknown	Citizen called in complaint about telephone poles. The complaint stated that SPU had cut them up into firewood pieces and left sawdust all over. I contacted City Light about complaint and they will talk to complainant about issue as telephone poles can be removed by a variety of people.
51	I1	05/24/05	Water Quality	4815 Fauntleroy Wy SW	Combined	Combined sewer basin	06/02/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: did not find
51	I1	01/02/03	Water Quality	SW Edmonds & 41st Ave SW	Combined	Combined sewer basin	01/03/03	No	No	Drainage	Unknown	RecWater: metro Results of Inspection/Referral to: DPD Other: Spoke with owner of condos - asked to maintain filter fabric.
51	I1	02/04/13	Water Quality	4740 36th Ave SW	Combined	Combined sewer basin	02/05/13	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Tenant called to report basement area sump pump discharging fuel to alley. No drains in unimproved alley. No recoverable product. Appears to be landlord/tenant dispute. Not a water quality issue.
51	I1	07/06/11	Water Quality	4710 42nd Ave SW	Combined	Combined sewer basin		No	No	Fats, Oil and Grease (FOG)	Fixed business not implementing BMPs	
51	l1	07/15/14	Water Quality	SW Alaska St & 36th Ave SW	Combined	Combined sewer basin	07/15/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of oil leaking form veh. Contacted veh owner who fixed leak. Also cleaned the oil that had made it onto the ground with SPU materials. Oil did not enter the MS4.
51	I1	12/31/90	Water Quality	SW Alaska St & 38th Ave SW	Combined	Combined sewer basin	01/15/91	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Results of Inspection/Referral to: None Other: None
51	I1	08/11/05	Water Quality	SW Alaska St & 40th Ave SW	Combined	Combined sewer basin	08/12/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: meto Results of Inspection/Referral to: King County Other: Called Steve Jovce of KCHW
51	l1	03/30/06	Water Quality	SW Alaska St & 40th Ave SW	Combined	Combined sewer basin	04/03/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: meto Other: Referred to Illegal Dumping
51	I1	04/06/06	Water Quality	SW Alaska St & 40th Ave SW	Combined	Combined sewer basin	04/11/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Request clean up of open containers
51	l1	09/02/97	Water Quality	3922 SW Alaska St	Combined	Combined sewer basin	09/02/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	I1	02/27/04	Water Quality	4580 Fauntleroy Wy SW	Combined	Combined sewer basin	03/01/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Investigation still in progress
51	I1	06/15/94	Water Quality	4122 SW Alaska St	Combined	Combined sewer basin	06/22/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: HL RecWater: metro Other: None
51	I1	04/30/99	Water Quality	4000 SW Alaska St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Referred to King County Haz or IRAC referred
51	I1	10/31/94	Water Quality	Fauntleroy Wy SW & 38th Ave SW	Combined	Combined sewer basin	10/31/94	No	No	Odor	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	I1	12/31/02	Water Quality	4520 36th Ave Sw	Combined	Combined sewer basin		No	No	Drainage	Unknown	RecWater: metro Other: CB is on private property
51	I1	09/11/07	Water Quality	4518 Faunlteroy Wy SW	Combined	Combined sewer basin	09/13/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	I1	03/14/01	Water Quality	3718 SW Oregon St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: None

Case Date Case Type

Site Address

Sewer Class

Outfall

шар но.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outian	Date	MS4?	Receiving Water?	Poliutant	Cause	Summary
51	I1	12/08/99	Water Quality	3616 SW Oregon St	Combined	Combined sewer basin	12/16/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: SW RecWater: metro Results of Inspection/Referral to: None Other: None
51	I1	07/10/03	Water Quality	3616 SW Oregon St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Auto shop cleaned up antifreeze.
51	I1	10/02/03	Water Quality	4460 37th Ave SW	Combined	Combined sewer basin	10/09/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Spoke with employee, educated
51	I1	09/21/04	Water Quality	4460 37th Ave SW	Combined	Combined sewer basin	09/23/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: Bad confrontation - following up with police
51	l1	04/12/06	Water Quality	4457 Fauntleroy Wy SW	Combined	Combined sewer basin	04/12/06	No	No	Other	Unknown	RecWater: metro Other: No WQ issue moved to business inspection.
51	I1	01/24/01	Water Quality	4441 Fauntleroy Wy SW	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: None
51	I1	09/30/99	Water Quality	4441 Fauntleroy Wy SW	Combined	Combined sewer basin		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: metro Sewer Class: Surface - Combined Other: Referred to IRAC KC Haz waste. Requested response from KC
51	l1	03/06/00	Water Quality	4441 Fauntleroy Wy SW	Combined	Combined sewer basin	03/09/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	haz Waste. RecWater: metro Results of Inspection/Referral to: None Other: None
51	I10	05/01/96	Water Quality	4552 34th Ave S	Combined	Combined sewer basin	05/03/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None RecWater: metro Results of Inspection/Referral to: None Other: None
51	I10	05/25/06	Water Quality	4429 Rainier Ave S	Combined	Combined sewer basin	05/26/06	No	No	Other	Unknown	Other: None RecWater: metro Other: Referred to Mark Holmes for side sewer issue.
51	I10	07/03/03	Water Quality	4206 Rainier Ave S	Combined	Combined sewer basin	07/08/03	No	No	Paint	Unknown	RecWater: metro Other: Found no paint.
51	110	07/10/06	Water Quality	4208 Rainer Ave S	Combined	Combined sewer basin	07/11/06	No	No	Sewage	Fixed business not implementing BMPs	Blocked Side Sewer. Side sewer blockage re-occurred 7/15/06. Report from Spill responder Dave Poirer that business located at 4208 Rainier Ave s. had dumped waste cooking oil into the storm drain. Dave advised that when he arrived in the afternoon on July 10th he found the back parking lot covered with oil and grease, the catch basin was full of FOG and the business's sanitary side sewer was blocked and overflowing sewage was coming out of the cleanouts located behind the business flowing down to the catch basin. Dave called the wastewater crew to vacuum out the catch basin and spread dry sweep on the spill. Dave also advised the owner of the business that he needed to stop the sewer overflow within 24 hours. Upon my arrival I found that back parking lot covered with FOG and dry sweep there was a maintenance person working on snaking the sanitary sewer system. I found evidence of sanitary sewer blockage causing sewage to flow across the parking lot into the storm drain. It appeared that the blockage was cleared prior to my arrival. I was unable to locate a wastewater pretreatment device or spill kit. The business manager next door advised he had seen several occasions of sewer overflowing from the back of the business. I made contact with Hang Nguyen who is the accountant for the restaurant called Jumbo Chinese Restaurant. Hang advised that she was contacted by Dave about the spill yesterday afternoon. She thinks that cause of the spill was a leaking cooking oil drum. She was not sure about the time frame of the sewer blockage. Hang gave me the phone number for the owner of the building and restaurant, Billy Vu. I called Billy to ascertain what he knew about the spill. Billy advised that the sewer blockage occurred Sunday night and the leaking oil drum occurred sometime over the weekend. He said tha he was having one of his employees work on solving the sewer problem and thought it was clear. He thought that this was what was expected of him. I requested that Billy contact a contractor to clean the FOG from the
51	l10	06/16/05	Water Quality	4208 Rainer Ave S	Combined	Combined sewer basin	06/17/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: meto Other: Spoke with property representative will have engine removed.
51	I10	08/24/04	Water Quality	4230 Rainier Ave S	Combined	Combined sewer basin	09/07/04	No	No	Other	Unknown	RecWater: metro Other: Not a WQ issue, referred to SDOT CallTakenBulgit: SW
51	l11 	12/17/99	Water Quality	3823 S Edmund St	Combined	Combined sewer basin	12/21/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: SW RecWater: metro Results of Inspection/Referral to: None Other: None

Site Visit Reach Reach Pollutant

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	I11	03/18/05	Water Quality	S Edmonds St & Rainier Ave S	Combined	Combined sewer basin	03/28/05	No	No No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: DPD Other: drains to combined- referred to DPD
51	l11	04/06/05	Water Quality	S Edmunds St & Rainier Ave S	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: DPD Other: Referred to DPD
51	I11	10/27/03	Water Quality	4801 Rainier Ave S	Combined	Combined sewer basin	10/28/03	No	No	Soap/Washwater	Unknown	RecWater: metro Other: Small car washing operation on combined.
51	l11	01/14/05	Water Quality	4801 Rainier Ave S	Combined	Combined sewer basin	01/20/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Goes to combined - told KC
51	l11	05/20/05	Water Quality	4801 Rainier Ave S	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: DPD Other: drains to combined
51	I11	02/02/15	Water Quality	38TH Ave S & S Genesee St		Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	2/3/15 Received phone call from customer service detailing attempt of citizen attempting to call in spill. Individual had difficulty. Spill had occurred on Inspector McDonald spoke with citizen after calling multiple time. Spill was sheen and was likely washed down drains due to rain. Spill occurred 2/1.
51	l11	03/19/02	Water Quality	4131 39th Ave S	Combined	Combined sewer basin	03/21/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Unable to contact owner of vehicle
51	l12	10/01/04	Water Quality	4515 49th Ave S	Combined	Combined sewer basin		No	No	Other	Unknown	RecWater: metro Other: Referred to DPD.
51	13	07/12/05	Water Quality	2401 SW Alaska St	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: meto
51	16	07/31/01	Water Quality	4702 Colorado Ave S	Combined	Combined sewer basin	08/01/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Drains to combined RecWater: metro Results of Inspection/Referral to: Ecology Other: None
51	J1	09/17/13	Water Quality	5451 35th Ave SW	Combined	Combined sewer basin		No	No	Chlorinated Water	Other	Request to dump pool water with algaecide to the sewer. Advised calle to request clearance from KCIW due to treatment processes disruption potential. Not a SWQ issue.
51	J1	01/04/01	Water Quality	5049 35th Ave SW	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: metro Other: None
51	J1	06/21/99	Water Quality	5049 35th Ave SW	Combined	Combined sewer basin		No	No	Sewage	Unknown	CallTakenByInit: PC RecWater: metro Results of Inspection/Referral to: None
51	J10	04/27/06	Water Quality	5510 MLK Jr Wy S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None ReferredFrom: SPU RecWater: metro Other: Referred to KC Haz.Waste
51	J10	02/14/08	Water Quality	5400 MLK Jr Wy S	Combined	Combined sewer basin	02/14/08	No	No	Drainage	Unknown	Received ERTS about John's autobody releasing water onto sidewalk. Did site visit and discovered that water is seeping from underneath sidewalk there is no washing or piping in that area. I emailed Ecology with my findings.
51	J10	02/21/02	Water Quality	3561 S Brandon St	Combined	Combined sewer basin	02/25/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	ReferredFrom: Other City Dept RecWater: combined Other: None
51	J10	05/15/01	Water Quality	31st Ave S & S Brandon St	Combined	Combined sewer basin	05/16/01	No	No	Unknown	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: None
51	J10	09/27/99	Water Quality	4919 29th Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: metro Other: Letter sent to property owner of 4919 29th Av S Mr Mathion Powell
51	J11	07/20/98	Water Quality	3829 S Edmunds St	Combined	Combined sewer basin	07/30/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J13	09/19/03	Water Quality	4909 Lake Washington Blvd S	Combined	Combined sewer basin		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: metro Other: Sent letter
51	J3	04/20/93	Water Quality	SW Brandon St & 25th Ave SW	Combined	Combined sewer basin	04/20/93	No	No	Sediment	Unknown	RecWater: longfellow ck Results of Inspection/Referral to: None Other: None
51	J3	11/20/06	Water Quality	SW Brandon St & 25th Ave SW	Combined	Combined sewer basin	12/01/06	No	No	Garbage/Debris	Construction	11/21/06 called DPD site insp. For the are, Scott Stevens & left message, ask if he could look up to see if site is permitted. 12/01/06 No call back, drove by site hay on ground & filer fabric in catch basin a intersection of 25th Ave SW & SW Brandon St
51	J3	07/14/03	Water Quality	SW Brandon St & 25th Ave SW	Combined	Combined sewer basin		No	No	Sediment	Unknown	RecWater: duwamish Other: Resulted from construction to fix water main
51	J3	10/13/97	Water Quality	2408 SW Brandon St	Combined	Combined sewer basin	12/05/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J3	12/10/01	Water Quality	5220 25th Ave SW	Combined	Combined sewer basin	12/12/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Sewer Class: surface Results of Inspection/Referral to: None Other: None
51	J3	05/17/05	Water Quality	5214 25th Ave SW	Combined	Combined sewer basin	05/18/05	No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: King county Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
51	J3	01/09/06	Water Quality	5214 25th Ave SW	Combined	Combined sewer basin	01/09/06	No	No	Sewage	Unknown	RecWater: longfellow ck Sewer Class: surface
51	J3	05/18/98	Water Quality	5207 Delridge Wy SW	Combined	Combined sewer basin	05/19/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: No Discharge found RecWater: metro Results of Inspection/Referral to: None
51	J5	06/10/93	Water Quality	E Marginal Wy S & S Brandon St	Combined	Combined sewer basin	06/10/93	No	No	Process Wastewater	Unknown	Other: None RecWater: metro Results of Inspection/Referral to: King County
51	J5	01/22/11	Water Quality	5200 E Marginal Wy S	Combined	Combined sewer basin	02/02/11	No	No	Soap/Washwater	Fixed business not implementing BMPs	, ,
51	J5	06/10/93	Water Quality	5199 Colorado Ave S	Combined	Combined sewer basin		No	No	Process Wastewater	Unknown	conducted business inspection. RecWater: metro Results of Inspection/Referral to: King County
51	J5	12/09/04	Water Quality	4735 E Marginal Wy S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None RecWater: metro Sewer Class: metro
51	J6	02/04/98	Water Quality	318 S Orcas St	Combined	Combined sewer basin	02/06/98	No	No	Fats, Oil and Grease (FOG)	Unknown	Other: Spill Coordinator. RecWater: metro Results of Inspection/Referral to: None
51	J6	09/15/04	Water Quality	128 S Orcas	Combined	Combined sewer basin	09/20/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None RecWater: combined Sewer Class: Surface
51	J6	05/06/13	Water Quality	313 S Findlay St	Combined	Combined sewer basin		No	No	Soap/Washwater	Construction	Other: Did not find source Report of wastewater from floor washing being dumped to storm drain. Site has an open permit w/DPD. Forwarded to DPD handle. Area on
51	J6	01/28/99	Water Quality	5517 4th Ave S	Combined	Combined sewer basin	02/02/00	No	No	Process Wastewater	Unknown	combined. RecWater: metro Results of Inspection/Referral to: None
51	J6	11/19/92	Water Quality	5501 6th Ave S	Combined	Combined sewer basin		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	Other: None CallTakenByInit: SW Results of Inspection/Referral to: None
51	J6	07/15/03	Water Quality	135 S Lucille St	Combined	Combined sewer basin	07/16/03	No	No	Fats, Oil and Grease (FOG)	Unknown	Other: None RecWater: metro
51	J6	10/20/11	Water Quality	4th Ave S & S Lucile St	Combined	Combined sewer basin	10/20/11	No	No	Soap/Washwater	Unknown	Other: Spoke with Ass. Mgr of business and educated. Caller reported illegal truck washing. Asked caller to provide photos and/or license number. Not a water quality issue.
51	J6	03/04/91	Water Quality	303 S Brandon St	Combined	Combined sewer basin	03/07/91	No	No	Drainage	Unknown	CallTakenByInit: AMG Other: None
51	J6	07/13/98	Water Quality	311 S Brandon St	Combined	Combined sewer basin	07/15/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J6	06/07/10	Water Quality	5400 2nd Ave S	Combined	Combined sewer basin		No	No	Other	Mobile business not implementing BMP	s Follow up of case from Spill Response. Cleaning contractor had dumped floor wax & stripper onto street. I educated the contractor about proper BMP's and sent letter to Parent company to distribute to franchises. Area is on combined.
51	J6	03/21/06	Water Quality	S Brandon St & 6th Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J6	01/23/07	Water Quality	5300 1st Ave S	Combined	Combined sewer basin	01/23/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Went & inspected area. No work being done while on site. Left card for manager. Did not see any sheens coming off site or sheen on the ground. 1/24/07 message from durrell, manager 1/25/07 Called back educated cleaning up any spills & not allowing oil to discharge into drains on the street
51	J6	02/15/11	Water Quality	5300 1st Ave S	Combined	Combined sewer basin	02/24/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	J6	10/04/04	Water Quality	S Bennett St & 1st Ave S	Combined	Combined sewer basin	10/05/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Catch basin cleaned of used oil.
51	J6	09/14/01	Water Quality	5201 1st Ave S	Combined	Combined sewer basin	09/24/01	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: None
51	J6	08/22/05	Water Quality	411 S Dawson St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: meto Results of Inspection/Referral to: Ecology Other: Will conduct bus. Insp
51	J6	07/15/13	Water Quality	4th Ave S & S Dawson St	Combined	Combined sewer basin		No	No	Soap/Washwater	Mobile business not implementing BMP	s Report of business washing w/o BMP's on combined. Conducted business inspection.
51	J6	09/15/00	Water Quality	3rd Ave S & S Dawson St	Combined	Combined sewer basin	09/20/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J6	01/16/98	Water Quality	5055 4th Ave S	Combined	Combined sewer basin	01/20/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J6	12/09/05	Water Quality	3rd Ave S & S Hudson St	Combined	Combined sewer basin		No	No	Other	Unknown	RecWater: metro Other: Nothing Found
51 51	J6 J7	08/29/07 04/09/07	Water Quality Water Quality	72 S Hudson St 676 S Orcas St	Combined Combined	Combined sewer basin Combined sewer basin	04/09/07	No No	No No	Unknown Chemicals (Solvent, Haz Waste,	Unknown Illicit Connnection	Could not find address. Did not see staining in area. 2nd call about site see complaint dated 4/4/07
51	J7	04/04/07	Water Quality	676 S Orcas St	Combined	Combined sewer basin	04/05/07	No	No	Acids, etc) Chemicals (Solvent, Haz Waste, Acids, etc) Acids, etc)	Illicit Connection	Went to side observed illicit connection from silk screen tank to down spouts. Explained code to them. Left messages with K.C. plumbing inspection line. In combined area.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
51	J7	11/12/13	Water Quality	5605 Corson Ave S	Combined	Combined sewer basin		No	No	Sewage	Broken/Blocked side sewer or pipe	Report from DPD about sewage entering a storm drain. Area on combined, referred to ORC. Not a SWQ threat.
51	J7	11/24/10	Water Quality	S Findlay St & Maynard Ave S	Combined	Combined sewer basin	11/29/10	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	Report of semi leaking coolant on the combined system. Could not locate spill. Not a surface water quality issue.
51	J7	07/31/06	Water Quality	707 S Lucile St	Combined	Combined sewer basin	07/31/06	No	No	Soap/Washwater	Mobile business not implementing BMPs	Fresh & Clean Manuel Garrett / 27400 132nd Ave SE Kent WA # J-206 Phone: (206)290-9074 Brad Sager Acct. Executive - SPU, washes vehicles hydrant permit temp water supply not authorised for backflow test. Check on who else he talked to. Could get him a temp permit draw. Site Visit 8/4/06 He said an isp had been out to talk to him, he had a CB insert in the CB, drains to combined. Spoke w/Brad Sager on water end. Called Sue at KC to ask if any of their inspectors had been out? Cheryl long cannot find a Biz license for him emailed carol anderson to ask about operating biz in ROW. 8/7/06 Email from Carol Anderson (I sent her photos) This appears to be a street use issue. Referred to street use 8/7/06. 8/10/06 Spoke w/Dave Haberman regarding the issue they are not concerned. 8/10/06 Sent letter that it
51	J7	06/09/10	Water Quality	707 S Lucile St	Combined	Combined sewer basin		No	No	Soap/Washwater	Other	is okay to discharge at that location (pending street use inspection) but Caller reported mobile truck washer washing semi trucks Friday
												afternoons. Database showed prior complaint in combined area. King County gave approval of discharge. Not a water quality issue.
51	J7	07/16/99	Water Quality	5400 Denver Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: See hard copy.
51	J7	03/06/13	Water Quality	5400 Denver Ave S	Combined	Combined sewer basin	03/06/13	No	No	Soap/Washwater	Mobile business not implementing BMPs	Report of washing in the ROW. Wash water did not enter the MS4. Conducted business inspection.
51	J7	07/07/97	Water Quality	12th Ave S & S Shelton St	Combined	Combined sewer basin	07/08/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None
51	J8	08/23/02	Water Quality	5555 21st Ave S	Combined	Combined sewer basin	09/06/02	No	No	Automotive Fluid	Unknown	Other: None RecWater: metro
51	J8	02/25/10	Water Quality	5513 18th Ave S	Combined	Combined sewer basin	03/04/10	No	No	(Oil/Gasoline/Antifreeze, etc) Drainage	Drainage Problem	Other: Educated owner about drip pan & leaks on street. Report of drainage issue from private property. No SWQ impact. DPD
51	J8	03/22/06	Water Quality	15th Ave S & S Lucille St	Combined	Combined sewer basin		No	No	Sediment	Unknown	investigating. RecWater: combined
			,									Results of Inspection/Referral to: DPD Other: Referred to DPD
51	J8	12/16/03	Water Quality	5328 14th Ave S	Combined	Combined sewer basin	12/17/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Sent letter 12/18/03
51	J8	10/12/01	Water Quality	2007 S Brandon St	Combined	Combined sewer basin		No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	J8	06/11/07	Water Quality	1856 S Brandon PI	Combined	Combined sewer basin	06/13/07	No	No	Sewage	Illicit Connnection	Illicit connection into detention tank at construction site. DPD is handling the situation - SPU brought in for sampling and technical assistance.
51	J8	04/25/05	Water Quality	1528 S Dawson St	Combined	Combined sewer basin	04/25/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Iron Bacteria. I explained this to resident
51	J8	05/01/96	Water Quality	4955 17th Ave S	Combined	Combined sewer basin	05/17/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	ReferredFrom: Anonymous RecWater: duwamish Results of Inspection/Referral to: None Other: None
51	J8	03/15/99	Water Quality	4955 17th Ave S	Combined	Combined sewer basin	03/30/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None
51	J8	12/30/13	Water Quality	1560 S Shelton St	Combined	Combined sewer basin	12/31/13	No	No	Unknown	Unknown	Other: None report of fuel odor in a sump pump. Material cleaned prior to SPU response. Provided resident with sample jars requested he call back if the condition returns. Site on the combined sewer system. Not a SWQ
51	J9	04/24/98	Water Quality	S Lucile St & 25th Ave S	Combined	Combined sewer basin	04/29/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	oroblem. ReferredFrom: Other City Dept RecWater: metro Results of Inspection/Referral to: None Other: None
51	K11	07/26/01	Water Quality	4243 S Mead St	Combined	Combined sewer basin	08/01/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K11	04/10/01	Water Quality	4243 S Mead St	Combined	Combined sewer basin	04/11/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K2	10/11/91	Water Quality	2953 SW Snow CT	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K3	05/09/01	Water Quality	6052 18th Ave SW	Combined	Combined sewer basin		No	No	Unknown	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K3	04/03/01	Water Quality	6052 18th Ave SW	Combined	Combined sewer basin	04/04/01	No	No	Unknown	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K6	08/31/05	Water Quality	4th Ave S & S Michigan St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: meto Other: Called city light, truck is going in for maintenance

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
51	K6	05/04/01	Water Quality	S Front St & 6th Ave S	Combined	Combined sewer basin	05/07/01	No	No	Other	Unknown	RecWater: metro
												Sewer Class: storm Results of Inspection/Referral to: None
												Other: None
51	K6	08/01/05	Water Quality	5807 4th Ave S	Combined	Combined sewer basin	08/04/05	No	No	Process Wastewater	Unknown	RecWater: meto
51	K6	09/13/01	Water Quality	5800 4th Ave S	Combined	Combined sewer basin	09/13/01	No	No	Fats, Oil and Grease (FOG)	Unknown	Results of Inspection/Referral to: Other City Dept RecWater: metro
												Results of Inspection/Referral to: None
51	K6	02/18/04	Water Quality	3rd Ave S & S Mead St	Combined	Combined sewer basin	02/19/04	No	No	Sediment	Unknown	Other: None RecWater: metro
F4	1/7	05/07/04	Water Overlite	00.40.00 Av. 0	O a marking and	O and his and a second baselin		NI-	NI-	Desirates	Halmann	Other: Referred to drainage crew and SDOT
51	K7	05/27/04	Water Quality	6348 6th Ave S	Combined	Combined sewer basin		No	No	Drainage	Unknown	RecWater: metro Other: spoke w/ Olivia - inside drains
51	K7	07/26/01	Water Quality	6565 7th Ave S	Combined	Combined sewer basin	08/06/01	No	No	Fats, Oil and Grease (FOG)	Unknown	RecWater: metro
												Results of Inspection/Referral to: None Other: None
51	K7	11/03/08	Water Quality	1009 S Eddy St	Combined	Combined sewer basin	11/03/08	No	No	Unknown	Unknown	11/04/08 gathered information from DPD & reporting party. Made site
51	K7	10/21/02	Water Quality	S Eddy St & Ellis Ave S	Combined	Combined sewer basin	10/24/02	No	No	Soap/Washwater	Unknown	visit found no discharge form property contacted DPD with findings. RecWater: combined
			,									Sewer Class: surface
51	K7	06/06/08	Water Quality	Flora Ave S & S Eddy St	Combined	Combined sewer basin	06/06/08	No	No	Automotive Fluid	Fixed business not implementing BMPs	Other: Spoke with Kevin Bradlev (owner) Spill of steering fluid in the combined RP - Hired contractor to clean
										(Oil/Gasoline/Antifreeze, etc)		roadway EA & ES site visit.
51	K7	05/29/97	Water Quality	6310 Ellis Ave S	Combined	Combined sewer basin	05/29/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: 6/9/97 - area cleaned as much as possible.
51	K7	12/22/04	Water Quality	6249 Flora Ave S	Combined	Combined sewer basin	01/04/05	No	No	Automotive Fluid	Unknown	RecWater: metro
										(Oil/Gasoline/Antifreeze, etc)		Results of Inspection/Referral to: King County Other: Investigation still in progress
51	K7	04/07/08	Water Quality	6249 Flora Ave S	Combined	Combined sewer basin	04/08/08	No	No	Automotive Fluid	Fixed business not implementing BMPs	
										(Oil/Gasoline/Antifreeze, etc)		visit. Conducted business inspection. I called reporting party and advised of my actions.
51	K7	06/11/93	Water Quality	6239 Corson Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid	Unknown	RecWater: metro
										(Oil/Gasoline/Antifreeze, etc)		Results of Inspection/Referral to: None
51	K7	11/19/09	Water Quality	1221 S Angelo St	Combined	Combined sewer basin	11/23/09	No	No	Automotive Fluid	Leaking Vehicle (no repair)	Other: None Report of oil from Drway. Problem was old spill likely from leaking veh.
51	K7	03/06/08	Water Quality	6200 Corson Ave S	Combined	Combined sewer basin	03/11/08	No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid	Accidental Spill	No active spill on combined, not a SWQ issue. Received call about gas station hosing off area where gas was spilled.
31	IV	03/00/00	Water Quality	0200 00/30/17WC 0	Combined	Combined Sewer Basin	03/11/00	140	140	(Oil/Gasoline/Antifreeze, etc)	Accidental Opin	Visited 2 gas stations in the area neither said they had a spill. One had
												spill plan but no spill materials I will send letter requesting they get
51	K7	12/04/97	Water Quality	780 S Michigan St	Combined	Combined sewer basin	12/04/97	No	No	Fats, Oil and Grease (FOG)	Unknown	materials. SecondPollutant: Chemicals (Solvent, Haz Waste, Acids, etc)
												RecWater: metro
												Results of Inspection/Referral to: None Other: None
51	K7	10/10/14	Water Quality	6004 Corson Ave S	Combined	Combined sewer basin	10/10/14	No	No	Heating Oil	Fixed business not implementing BMPs	, , , , , , , , , , , , , , , , , , , ,
51	K7	10/04/11	Water Quality	5958 Corson Ave SE	Combined	Combined sewer basin	10/04/11	No	No	Soap/Washwater	Fixed business not implementing BMPs	ECY for follow up. Caller reported wastewater from business being washed into storm
51	K7	11/14/00	Water Quality	5910 Corson Ave S	Combined	Combined sewer basin	11/15/00	No	No	Chemicals (Solvent, Haz Waste,	Unknown	system. Private CB goes to combined. Not a water quality issue. RecWater: metro
51	K/	11/14/00	Water Quality	59 TO COISOIT AVE 5	Combined	Combined sewer basin	11/15/00	NO	INO	Acids, etc)	Officiowii	Results of Inspection/Referral to: None
F.4	1/7	40/40/40	Water Overlite	5040 0	0	Oznak in a dia assaulta asia	40/40/40	NI-	NI-	Linda area	Helmenn	Other: None
51	K7	10/12/10	Water Quality	5910 Corson Ave S	Combined	Combined sewer basin	10/12/10	No	No	Unknown	Unknown	Report that anonymous citizen saw business dumping chemicals. Site investigation found a drain w/soapy water form car washing in a
												combined drain. Report was delayed in reaching us & included a
												period of heavy rain. Provided technical assistance. Business denied
51	K7	03/17/04	Water Quality	Airport Wy S & S Nebraska St	Combined	Combined sewer basin	03/22/04	No	No	Automotive Fluid	Unknown	RecWater: metro
51	K7	11/26/01	Water Quality	945 S Doris St	Combined	Combined sewer basin	11/28/01	No	No	(Oil/Gasoline/Antifreeze, etc) Chemicals (Solvent, Haz Waste,	Unknown	Other: Property owner dispoing of drum RecWater: metro
			•							Acids, etc)		Results of Inspection/Referral to: None
51	K7	11/07/05	Water Quality	960 S Nebraska St	Combined	Combined sewer basin	11/10/05	No	No	Automotive Fluid	Unknown	Other: None RecWater: metro
			•							(Oil/Gasoline/Antifreeze, etc)		Results of Inspection/Referral to: King County
51	K7	06/06/01	Water Quality	948 S Doris St	Combined	Combined sewer basin	06/07/01	No	No	Garbage/Debris	Unknown	Other: None RecWater: metro
			•							•		Results of Inspection/Referral to: None
51	K7	04/15/03	Water Quality	948 S Doris St	Combined	Combined sewer basin		No	No	Fats, Oil and Grease (FOG)	Unknown	Other: None RecWater: metro
							00/40/04					Other: Investigation in Progress
51	K7	09/10/01	Water Quality	927 S Homer St	Combined	Combined sewer basin	09/10/01	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None
	1/7	04/45/00	Matan O Ille	007.0 Hamar Ct	Combined	Combined cover bester		N1-	ķ1.		Links access	Other: None
51	K7	01/15/02	Water Quality	927 S Homer St	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: None
	1/=	00// 5/55		700 0 11 0:			00/10/20			0		Other: None
51	K7	03/13/00	Water Quality	763 S Homer St	Combined	Combined sewer basin	03/16/00	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
	_						Date	MS4?	Receiving Water?			
51	K7	01/08/02	Water Quality	Airport Wy S & S Homer St	Combined	Combined sewer basin	01/18/02	No	No	Drainage	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K7	10/24/11	Water Quality	5701 Airport Wy S	Combined	Combined sewer basin	10/24/11	No	No	Unknown	Unknown	Caller reported pressure washing of building. May be causing paint chips to enter a drain. No indication of pollution entering a drain. Not a water quality issue.
51	K8	09/29/00	Water Quality	S of 1622 S Graham St	Combined	Combined sewer basin	10/03/00	No	No	Sediment	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	K8	09/14/14	Water Quality	1516 S Graham St	Combined	Combined sewer basin		No	No	Odor	Unknown	Received complaint of odors coming from internal floor drain, odors of solvents or gasoline. Referral sent via ERTS system to King County Industrial Waste.
51	K9	04/03/92	Water Quality	6414 24th Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: SvA Results of Inspection/Referral to: None Other: None
51	K9	02/13/98	Water Quality	6301 Beacon Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: metro
51	L12	09/05/06	Water Quality	5117 S Myrtle St	Combined	Combined sewer basin	09/06/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Other: Results to DOE 02/17/98 Door hanger on front door. No car work during site visit found no evidence of oil spill or washing.
51	L12	09/15/06	Water Quality	5117 S Myrtle St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Called the reporting party, she advised that there is no washing being done currently but the person at that address does it daily. The caller gave me the names of SPD contacts that know of the problem. Called SPD crime prevention officer Mark Soloman and advised him of the ongoing situation at the above address. He is aware of the issues. I requested that if I need to go out there for an inspection I'd like police to assist me, as I do not feel comfortable after the last complaint. Mark advised me to contact Mike Alphin if I needed to go out there again
51	L12	10/08/08	Water Quality	6800 Rainier Ave S	Combined	Combined sewer basin	10/08/08	Yes	No	Sewage	Broken/Blocked side sewer or pipe	Side sewer break at 6800 Rainier Ave S. Gray water discharge to storm drain on Rainier Ave S. & S. Willow St. Drainage Crew plug storm CB & pump to sewer. Owner began repair of side sewer repaired Friday 10/10/08
51	L12	09/09/14	Water Quality	4622 S Warsaw St	Combined	Combined sewer basin	09/15/14	No	No	Sewage	Broken/Blocked side sewer or pipe	Received report from field crews of overflow at location, crew cleaned, contained, contacted homeowner. Conducted Dr-by, determining that no storm infrastructure had been impacted and that leak had appeared to have stopped. Referral to forced-side sewer and left contact follow up info
51	L13	06/26/13	Water Quality	5636 S Willow St	Combined	Combined sewer basin	06/26/13	No	Yes	Unknown	Broken/Blocked side sewer or pipe	Report of sewage overflow entering Lake WA. Appears to be broken storm pipe, crews investigating.
51	L4	12/21/04	Water Quality	25th St SW & Delridge Ave SW	Combined	Combined sewer basin	12/23/04	No	No	Other	Unknown	RecWater: metro Other: Did not find any construction activity.
51	L6	08/29/11	Water Quality	7224 1st Ave S	Combined	Combined sewer basin		No	No	Process Wastewater	Unknown	Request to bypass sidesewer during repair @ Industrial waste facility. Issue may be related to pH issues to sewer system. Forward to KCIW & SPU wastewater pollution prevention.
51	L6	08/09/93	Water Quality	6564 5th PL S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: none Sewer Class: none Results of Inspection/Referral to: None Other: None
51	L6	01/11/01	Water Quality	6559 5th PI S	Combined	Combined sewer basin	01/11/01	No	No	Process Wastewater	Unknown	RecWater: duwamish Sewer Class: surface Results of Inspection/Referral to: None Other: None
51	L7	11/25/98	Water Quality	7201 E Marginal Wy S	Combined	Combined sewer basin	11/25/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Results of Inspection/Referral to: None Other: None
51	L7	08/21/02	Water Quality	720 S Orchard St	Combined	Combined sewer basin	08/21/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Spoke with business manager, Syed K. Ahmed and had him clean up problem
51	L7	10/15/02	Water Quality	701 S Myrtle St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Spoke with hauler, he carries a spill kit and kitty litter on board.
51	L7	03/08/06	Water Quality	6929 Carlton Ave S	Combined	Combined sewer basin	03/10/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	L7	01/14/13	Water Quality	6915 Ellis Ave S	Combined	Combined sewer basin	01/14/13	No	No	Sewage	RV Dumping	Sewage dumped in front of house from RV, DWW crews cleaned. On combined, not a SWQ threat.
51	L7	02/28/01	Water Quality	6919 Carleton Ave S	Combined	Combined sewer basin	03/07/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	L7	08/04/08	Water Quality	6901 Carleton Ave S	Combined	Combined sewer basin	08/04/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Call originally came in as spill from ORC about leaking car on tow truck. Upon site visit found car and tow truck as well as C/B with significant amount of fuel in it. Called NRC & Marine Vac for clean up. C/B was pumped out & material was removed by Marine Vac.
51 51	L7 L7	10/29/10 05/20/02	Water Quality	6715 Carleton Ave S 6655 Corson Ave S	Combined	Combined sewer basin	11/01/10 05/21/02	No	No	Sewage Automotive Fluid	RV Dumping Unknown	Report of leaking on the combined system. Not a surface water quality issue. Leak stopped by owner.
51	L7 L7	05/20/02	Water Quality Water Quality	6431 Carson Ave S	Combined	Combined sewer basin Combined sewer basin	U3/21/U2	No No	No No	(Oil/Gasoline/Antifreeze, etc) Paint	Unknown	RecWater: metro Other: DNR removed buckets Other: Ecology visited site.
	LI	00/00/04	vvalei Quality	0431 CaisUli AVE 3	Combined	Combined Sewel Dasin		INU	INU	і аш	OHNHOWH	Other. Ecology visited site.

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	L7	03/16/14	Water Quality	6451 Flora Ave S	Combined	Combined sewer basin	03/17/14	No	No	Sewage	Broken/Blocked side sewer or pipe	Report of sewage being dumped into a back yard. Provided customer service to both the caller and the responsible party. Forward issue to the Office of Housing's Home Repair Loan Program and Customer Service Side Sewer and Private Drainage Program.
51	L7	10/24/03	Water Quality	6605 13th Ave S	Combined	Combined sewer basin		No	No	Other	Unknown	RecWater: metro Other: Referred to Drinking Water Dept
51	L8	04/29/98	Water Quality	S Albro PL & Airport Wy S	Combined	Combined sewer basin	04/30/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	ReferredFrom: Other City Dept RecWater: duwamish Results of Inspection/Referral to: King County Other: None
51	L9	04/16/02	Water Quality	6441 23rd Ave S	Combined	Combined sewer basin		No	No	Other	Unknown	RecWater: combined Sewer Class: surface Other: Passed on to KC LandUse and DCLU
51	L9	08/03/10	Water Quality	6429 23rd Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Small spill on combined. Not a SWQ issue.
51	M10	12/26/00	Water Quality	3512 S Webster St	Combined	Combined sewer basin	12/26/00	No	No	Heating Oil	Unknown	RecWater: combined Results of Inspection/Referral to: None Other: None
51	M10	04/04/96	Water Quality	7308 32nd Ave S	Combined	Combined sewer basin	04/04/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M11	08/28/00	Water Quality	7700 SW Holden St	Combined	Combined sewer basin	08/29/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M11	06/10/02	Water Quality	7315 MLK Jr Wy S	Combined	Combined sewer basin	06/10/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Results of Inspection/Referral to: DPD Other: Referred to DCLU.
51	M12	11/16/00	Water Quality	7724 52nd Ave S	Combined	Combined sewer basin	11/21/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M12	07/22/97	Water Quality	7216 Rainier Ave S	Combined	Combined sewer basin	08/04/97	No	No	Process Wastewater	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M12	09/09/11	Water Quality	7216 Rainier Ave S	Combined	Combined sewer basin		No	No	Soap/Washwater	Fixed business not implementing BMPs	
51	M13	01/10/11	Water Quality	7500 Seward Park Ave S	Combined	Combined sewer basin		No	No	Other	Fixed business not implementing BMPs	
51	M2	03/04/96	Water Quality	7354 27th Ave SW	Combined	Combined sewer basin	03/06/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	МЗ	02/17/09	Water Quality	7904 Delridge Wy SW	Combined	Combined sewer basin	02/19/09	No	No	Sewage	Unknown	Caller notified us that there is standing sewage on private property. Sewage did not leave private property. Not a water quality issue. Reported to King County Health Dept. / Black River Environmental Health.
51	M3	03/01/05	Water Quality	7725 18th Ave SW	Combined	Combined sewer basin	03/02/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Educated resident
51	M3	05/27/97	Water Quality	7343 19th Ave SW	Combined	Combined sewer basin	06/13/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Relayed info to complainant.
51	M4	09/24/97	Water Quality	7911 11th Ave SW	Combined	Combined sewer basin	09/26/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: duwamish Results of Inspection/Referral to: None Other: None
51	M4	04/24/98	Water Quality	7911 11th Ave SW	Combined	Combined sewer basin	04/27/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
51	M4	05/18/98	Water Quality	7911 11th Ave SW	Combined	Combined sewer basin	05/19/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Results of Inspection/Referral to: None Other: None
51	M4	02/22/00	Water Quality	7911 11th Ave SW	Combined	Combined sewer basin	02/24/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M4	09/04/96	Water Quality	1505 SW Kenyon St	Combined	Combined sewer basin	09/17/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: DOE RecWater: metro Results of Inspection/Referral to: None
51	M4	08/06/99	Water Quality	12th Ave S & SW Holden St	Combined	Combined sewer basin	08/11/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None CallTakenByInit: SJ RecWater: metro Other: 2 letters sent to 2 Apt residents cancerning BMP's for automotive oil.
51	M4	09/02/99	Water Quality	12th Ave S & SW Holden St	Combined	Combined sewer basin	09/05/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Called complaint Bruce Scott & informed him of results. (see hard copy)
51	M4	01/26/00	Water Quality	1261 SW Othello St	Combined	Combined sewer basin	01/28/00	No	No	Paint	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M6	01/03/03	Water Quality	543 S Monroe St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: Called KC Industrial Waste
51	M7	11/10/04	Water Quality	8th Ave S & S Monroe St	Combined	Combined sewer basin	11/29/04	No	No	Unknown	Unknown	RecWater: metro Other: No plugged inlet or catch basin found

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	M7	04/02/02	Water Quality	740 S Monroe St	Combined	Combined sewer basin		No	No	Process Wastewater	Unknown	RecWater: metro Other: Spoke with CEO of Drainage Systems Consultants.
51	M7	01/04/06	Water Quality	8th Ave S & S Kenyon St	Combined	Combined sewer basin	01/04/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Educated owner
51	M7	02/12/13	Water Quality	8th Ave S & S Kenyon St	Combined	Combined sewer basin		No	No	Process Wastewater	Mobile business not implementing BMPs	s Report of possible illicit discharge. Discharge is on combined system however business is moble. Conducted business inspection see business inspection in DB.
51	M7	02/29/96	Water Quality	743 S Chicago St	Combined	Combined sewer basin	03/06/96	No	No	Sediment	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M7	02/13/96	Water Quality	754 S Chicago St	Combined	Combined sewer basin	02/13/96	No	No	Drainage	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	M7	06/24/10	Water Quality	7343 E Marginal Wy S	Sanitary	Combined sewer basin	06/24/10	No	Yes	Sewage	Broken/Blocked side sewer or pipe	Turbid discharge observed from pipe at head of slip 4 during low tide. Appears that the pipe is an emergency overflow form the nearby pump station. Issue referred to CSO program for follow up w/King Co & Ecology.
51	N12	04/07/97	Water Quality	8620 45th Ave S	Combined	Combined sewer basin	04/07/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: lake wash Results of Inspection/Referral to: None Other: None
51	N12	04/03/02	Water Quality	8620 45th Ave S	Combined	Combined sewer basin	04/10/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Educated owner of house, Stanely Corona, about recycling his used oil
51	N13	06/29/01	Water Quality	8423 Island Dr S	Combined	Combined sewer basin	07/06/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Results of Inspection/Referral to: Other City Dept Other: None
51	N13	08/09/01	Water Quality	8423 Island Dr S	Combined	Combined sewer basin	08/30/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Results of Inspection/Referral to: Other City Dept Other: None
51	N13	03/11/91	Water Quality	5329 S Kenyon St	Combined	Combined sewer basin		No	No	Paint	Unknown	Results of Inspection/Referral to: None Other: None
51	N3	12/29/98	Water Quality	8652 17th Ave SW	Combined	Combined sewer basin		No	No	Paint	Unknown	CallTakenByInit: LH RecWater: metro Results of Inspection/Referral to: None
51	N3	05/14/90	Water Quality	8453 17th Ave SW	Combined	Combined sewer basin		No	No	Chlorinated Water	Unknown	Other: None Results of Inspection/Referral to: None Other: None
51	N4	04/14/08	Water Quality	8811 10th Ave SW	Combined	Combined sewer basin	04/14/08	No	No	Concrete/Cement	Construction	Came in orginally as a spill. Educated home owner about propber BMP's for doing outdoor work, and educated about code. I advised reporting party about my actions.
51	N4	01/23/03	Water Quality	801 SW Trenton St	Combined	Combined sewer basin	01/23/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: sewer Sewer Class: surface Other: Educated truck owner on spills
51	N4	09/27/07	Water Quality	16th Ave SW & SW Cloverdale St	Combined	Combined sewer basin	09/28/07	No	No	Unknown	Unknown	Went to area could not find anything serched surrounding area still could not find anything. Called caller, material gone.
51	N4	06/07/01	Water Quality	8138 10th Ave SW	Combined	Combined sewer basin	06/11/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N4	01/01/98	Water Quality	8120 11th Ave SW	Combined	Combined sewer basin	01/21/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N6	06/10/97	Water Quality	2nd Ave S & S Trenton St	Combined	Combined sewer basin	06/13/97	No	No	Unknown	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N6	08/17/00	Water Quality	539 S Trenton St	Combined	Combined sewer basin	08/22/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N6	04/12/94	Water Quality	556 S Cloverdale St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N6	10/15/11	Water Quality	551 S Sullivan St	Combined	Combined sewer basin	10/17/11	No	No	Paint	Illegal Dumping	Caller reported cans left on street. Some has spilled. Paint is in unimproved ROW. Referred to SDOT. Not a water quality issue.
51	N7	11/07/03	Water Quality	1238 S Trenton St	Combined	Combined sewer basin	11/17/03	No	No	Other	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N7	03/10/98	Water Quality	718 S Trenton St	Combined	Combined sewer basin	03/12/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N7	04/15/98	Water Quality	700 S Trenton St	Combined	Combined sewer basin	04/24/98	No	No	Unknown	Unknown	RecWater: metro Inspector Notes: Houde, Lisa Results of Inspection/Referral to: None
51	N7	03/07/14	Water Quality	1235 S Donovan St	Combined	Combined sewer basin	03/17/14	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Other	Other: None Report of illigal autmotive work in the ROW. Did not see any work
51	N7	07/06/00	Water Quality	852 S Donovan St	Combined	Combined sewer basin	07/11/00	No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	qoing on at site. Forward issue to DPD for junk storage issues. RecWater: metro Results of Inspection/Referral to: None Other: None
51	N7	08/15/05	Water Quality	12th Ave S & S Cloverdale St	Combined	Combined sewer basin	08/24/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None ReferredFrom: Other City Dept RecWater: meto Other: Still Working On Case

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	N7	12/27/10	Water Quality	1004 S Cloverdale St	Combined	Combined sewer basin	12/27/10	No	No No	Sewage	Broken/Blocked side sewer or pipe	Complaint of sewage entering City catch basin. Property is on the combined. Sent to Gina Galando.
51	N7	02/05/02	Water Quality	1022 S Cloverdale St	Combined	Combined sewer basin	02/08/02	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: combined Sewer Class: Storm Results of Inspection/Referral to: None
51	N7	11/20/07	Water Quality	1024 S Cloverdale St	Combined	Combined sewer basin	11/21/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None Recived report of junk car leaking fluids onto ground. Went to area could not find car, checked again still could not find car.
51	N7	04/09/01	Water Quality	8507 12 Ave S	Combined	Combined sewer basin	04/09/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	N7	05/01/06	Water Quality	8307 10th Ave S	Combined	Combined sewer basin	05/10/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: No call back, No a WQ issue.
51	N7	01/07/09	Water Quality	846 S Rose St	Combined	Combined sewer basin	01/07/09	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Report of auto fluid in alley. Cleaned w/absorbants. Did not enter MS4. Unable to locate source.
51	N7	10/10/94	Water Quality	8206 8th Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: duwamish Sewer Class: street drainage Results of Inspection/Referral to: None Other: None
51	N7	04/15/06	Water Quality	8201 10th Ave S	Combined	Combined sewer basin	04/18/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	ReferredFrom: Other City Dept RecWater: metro Other: Not a WQ issue. Spill cleaned by S. Dearbone
51	N7	11/29/07	Water Quality	1017 S Elmgrove St	Combined	Combined sewer basin	11/30/07	No	No	Garbage/Debris	Fixed business not implementing BMPs	This is second complaint about business. Went to business and explained to them to stop dumping shop vac water into catch basin in parking lot. Am scheduled to do business inspecion on 12/5/07. Called called back and advised of my actions
51	N7	11/19/07	Water Quality	1017 S Elmgrove St	Combined	Combined sewer basin	11/20/07	No	No	Garbage/Debris	Fixed business not implementing BMPs	
51	N7	08/29/11	Water Quality	1017 S Elmgrove St	Combined	Combined sewer basin	08/29/11	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Fixed business not implementing BMPs	
51	N7	06/04/08	Water Quality	737 S Elmgrove St	Combined	Combined sewer basin	06/04/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	ERTS 606189 reporting patrons of Independent Metals dumping automotive fluid into storm drain. Site visit called in NRC for cleanup of roadway and drain. Refered to business inspection program.
51	N7	03/18/97	Water Quality	8025 10th Ave S	Combined	Combined sewer basin	03/28/97	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Unknown	CaliTakenByInit: DOE RecWater: metro Results of Inspection/Referral to: None Other: None
51	N7	04/08/02	Water Quality	10th Ave S & S Elmgrove St	Combined	Combined sewer basin	04/10/02	No	No	Paint	Unknown	ReferredFrom: SPU RecWater: metro Other: Spoke with owner of nearby Long Painting.
51	N7	05/29/08	Water Quality	747 S Monroe St	Combined	Combined sewer basin	05/30/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Illegal Dumping	Secondhand report of people dumping automotive fluid into drains. Unable to locate any problems and unable to make contact with reporting party. Educated property owner.
51	N7	06/04/08	Water Quality	747 S Monroe St	Combined	Combined sewer basin	06/04/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	N7	04/15/10	Water Quality	747 S Monroe St	Combined	Combined sewer basin	04/16/10	No	No	Other	Fixed business not implementing BMPs	
51	N8	09/04/03	Water Quality	8661 Dallas Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Ecology delt with NPDES violation
51	N8	05/20/96	Water Quality	14th Ave S & S Cloverdale St	Combined	Combined sewer basin		No	No	Garbage/Debris	Unknown	RecWater: none Results of Inspection/Referral to: None Other: None
51	N8	02/07/94	Water Quality	Dallas Ave S & 14th Ave S	Combined	Combined sewer basin		No	No	Concrete/Cement	Unknown	Results of Inspection/Referral to: None Other: None
51	N8	12/19/07	Water Quality	8506 14th Ave S	Combined	Combined sewer basin	12/19/07	No	No	Chemicals (Solvent, Haz Waste, Acids, etc)	Fixed business not implementing BMPs	
51	O11	02/19/10	Water Quality	9036 Valdez Ave S	Combined	Combined sewer basin		No	No	Garbage/Debris	Illegal Dumping	Caller reported illegal dumping at 9036 Valdez Ave S. I called the reporting party and this is not a water quality complaint. I forwarded the information to the Illegal Dumping department.
51	O11	02/07/00	Water Quality	8815 MLK Jr Wy S	Combined	Combined sewer basin	02/11/00	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	O11	05/19/00	Water Quality	42nd Ave S & S Trenton St	Combined	Combined sewer basin	05/22/00	No	No	Sediment	Unknown	RecWater: metro Results of Inspection/Referral to: DPD Other: None
51	012	03/26/93	Water Quality	S Director St & Rainier Ave S	Combined	Combined sewer basin	03/26/93	No	No	Unknown	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	O12	08/09/92	Water Quality	S Director St & Rainier Ave S	Combined	Combined sewer basin	08/09/92	No	No	Sewage	Unknown	SecondPollutant: Groundwater Results of Inspection/Referral to: None Other: None

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit Date	Reach MS4?	Reach Receiving Water?	Pollutant	Cause	Summary
51	O12	04/07/08	Water Quality	4504 S Trenton St	Combined	Combined sewer basin	04/07/08	No	No	Garbage/Debris	Illegal Dumping	Received complaint about illeagal dumping and drainage problem in alley next to callers house. Did site visit and saw debri/garbage piled up in alley I called illeagal dumping hotline to take care of it. I also emailed Hui Yang with the spot drainage program to adress the callers drainage complaint
51	O13	05/19/05	Water Quality	9481 Rainier Ave S	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: metro Other: drains to metrol
51	O13	07/07/11	Water Quality	9400 Rainier Ave S	Combined	Combined sewer basin	07/18/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Accidental Spill	Report of hydraulic fluid spill on combined system. Receiving CB was vactored. Not a surface water quality issue.
51	O13	08/18/05	Water Quality	9420 Rainier Ave S	Combined	Combined sewer basin	08/20/05	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: surface Sewer Class: Surface Results of Inspection/Referral to: None Other: None
51	O13	01/09/04	Water Quality	9497 Rainier Ave S	Combined	Combined sewer basin	01/14/04	No	No	Automotive Fluid	Unknown	RecWater: metro
51	O13	01/02/04	Water Quality	Rainier Ave S & 57th Ave S	Combined	Combined sewer basin	01/14/04	No	No	(Oil/Gasoline/Antifreeze, etc) Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Business inspection RecWater: metro Other: Business Inspection
51	O13	10/02/03	Water Quality	Rainier Ave S & 57th Ave S	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: Lake WA Other: Join inspection w/ Sue Hamilton - KCHW
51	О3	05/06/04	Water Quality	16th Ave SW & SW Roxbury St	Combined	Combined sewer basin	05/06/04	No	No	Process Wastewater	Unknown	RecWater: metro Other: Spoke w/ White Center Community Center
51	О3	02/06/97	Water Quality	9439 17th Ave SW	Combined	Combined sewer basin		No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	О3	06/06/01	Water Quality	9407 21st Ave SW	Combined	Combined sewer basin	06/11/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	О3	06/22/10	Water Quality	9249 18th Ave SW	Combined	Combined sewer basin	06/22/10	No	No	Sewage	RV Dumping	Report of leaking RV, Advised of proper disposal of wastewater, no discharge seen. no discharge to MS4. Case Close.
51	О3	08/22/03	Water Quality	9219 21st Ave SW	Combined	Combined sewer basin	08/25/03	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Educated home owner about hosing down oil into street.
51	О3	04/28/06	Water Quality	1609 SW Barton St	Combined	Combined sewer basin	05/01/06	No	No	Soap/Washwater	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: Referred to Latasha Murphy-Taylor
51	О3	08/12/05	Water Quality	9050 Delridge Ave SW	Combined	Combined sewer basin	08/15/05	No	No	Sediment	Unknown	RecWater: meto Other: Pumping out drains.
51	О3	05/30/06	Water Quality	9011 16th Ave SW	Combined	Combined sewer basin	06/02/06	No	No	Sewage	RV Dumping	CallTakenBylnit: CM RecWater: metro Results of Inspection/Referral to: None Other: None
51	О3	05/15/07	Water Quality	9011 16th Ave SW	Combined	Combined sewer basin	05/15/07	No	No	Sewage	RV Dumping	Been to site before,no sewage, gasoline, or motor oil found. site is duplex with motor home behind that someone lives in they discharge waste to alley. Waste does not leave site, stays on property or absorbs into ground.
51 51	O3 O4	01/28/10	Water Quality	SW Henderson St & 17th Ave SW	Combined	Combined sewer basin	02/29/00	No	No	Sewage	· · · · · · · · · · · · · · · · · · ·	Report of business dumping garbage can of sewage into sewer MH.
51	O4 O4	03/27/00	Water Quality Water Quality	9413 13th Ave SW 9408 10th Ave Sw	Combined	Combined sewer basin Combined sewer basin	03/28/00	No No	No No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc) Paint	Unknown	RecWater: metro Other: See hard copy RecWater: combined
01	01	00/20/02	Water Quality	0100 10017100 011	Combined	Combined Cower Educin	00/21/02	110	140	T diff.	CHRISTI	Sewer Class: surface Other: Unable to make contact with responsible party.
51	O4	11/23/09	Water Quality	9403 15th Ave SW	Combined	Combined sewer basin	11/23/09	No	No	Heating Oil	Fixed business not implementing BMPs	Report of sheen & fuel coming from business storage yard. Site visit several times. No problem found. Site on combined. Forward to business inspection program.
51	O4	03/29/94	Water Quality	SW Cambridge St & 16th Ave SW	Combined	Combined sewer basin	04/04/94	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: sanitary Sewer Class: comb Results of Inspection/Referral to: None Other: None
51	O4	03/28/96	Water Quality	14th Ave SW & SW Barton St	Combined	Combined sewer basin	04/02/96	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: Call made to complainant 4/3/96
51	O4	07/29/01	Water Quality	SW Henderson St & 13th Ave SW	Combined	Combined sewer basin	07/31/01	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	04	08/30/06	Water Quality	16th Ave SW & SW Henderson St	Combined	Combined sewer basin	08/31/06	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Home Auto Repair/Illegal Auto Repair	Situation was handeld by Street Use already. Talked with caller
51	04	05/22/08	Water Quality	8816 9th Ave SW	Combined	Combined sewer basin	05/22/08	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	Report of leaking vehicle, in the combined not posing threat to SWQ.
51	O6	04/24/98	Water Quality	556 S Director St	Combined	Combined sewer basin	04/27/98	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: DPD Other: 5/5 - Gary Thompson @ DCLU called, cited owner for
51	O6	08/29/11	Water Quality	543 S Henderson St	Combined	Combined sewer basin	08/30/11	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Leaking Vehicle (no repair)	abandoned vehicles Report of leaking vehicles. All vehicles gone upon arrival likely towed by SPD On combined, not a SWQ issue.
51	O6	03/14/00	Water Quality	519 S Concord St	Combined	Combined sewer basin	03/14/00	No	No	Drainage	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: None
51	07	08/23/02	Water Quality	9411 8th Ave S	Combined	Combined sewer basin	08/23/02	No	No	Process Wastewater	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: Site is located in King County. referred to Industrial Waste

Map No.	Grid No.	Case Date	Case Type	Site Address	Sewer Class	Outfall	Site Visit	Reach	Reach	Pollutant	Cause	Summary
							Date	MS4?	Receiving Water?			
51	07	08/23/02	Water Quality	9411 8th Ave S	Combined	Combined sewer basin	08/23/02	No	No	Process Wastewater	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: Business is outside City Limits, referred to King County
51	07	10/01/96	Water Quality	847 S Barton St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Industrial Waste. RecWater: metro Results of Inspection/Referral to: King County Other: None
51	07	03/01/99	Water Quality	1248 S Director St	Combined	Combined sewer basin		No	No	Drainage	Unknown	CallTakenByInit: IRC RecWater: metro Results of Inspection/Referral to: None Other: None
51	07	03/01/99	Water Quality	1234 S Director St	Combined	Combined sewer basin	03/02/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: KC RecWater: metro Sewer Class: Conbined Results of Inspection/Referral to: None
51	07	03/01/99	Water Quality	1059 S Henderson St	Combined	Combined sewer basin	03/09/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	Other: None RecWater: metro Results of Inspection/Referral to: None Other: None
51	07	02/25/99	Water Quality	12th Ave S & S Henderson St	Combined	Combined sewer basin	03/01/99	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	CallTakenByInit: PC RecWater: metro Results of Inspection/Referral to: None Other: None
51	07	01/30/97	Water Quality	1240 S Concord St	Combined	Combined sewer basin	02/14/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Sewer Class: Ground/Sanitary Results of Inspection/Referral to: None Other: None
51	07	10/22/03	Water Quality	1234 S Concord St	Combined	Combined sewer basin	10/28/03	No	No	Drainage	Unknown	RecWater: metro Other: Still working on case
51	07	12/30/98	Water Quality	1244 S Concord St	Combined	Combined sewer basin		No	No	Process Wastewater	Unknown	CallTakenBylnit: LH RecWater: metro Results of Inspection/Referral to: King County Other: None
51	07	12/12/97	Water Quality	1244 S Concord St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	O8	12/12/02	Water Quality	9004 14th Ave S	Combined	Combined sewer basin		No	No	Other	Unknown	RecWater: metro Results of Inspection/Referral to: King County Other: forwarded to KC Hazardous Waste
51	O8	04/14/14	Water Quality	8902 14th Ave S	Combined	Combined sewer basin	04/23/14	No	No	Unknown	Unknown	Report of business not managing hazardous waste properly. Referral t business inspection program. Site on combined not a SWQ issue.
51	O8	05/12/98	Water Quality	14th Ave S & S Concord St	Combined	Combined sewer basin		No	No	Process Wastewater	Unknown	CallTakenByInit: DOE RecWater: metro Results of Inspection/Referral to: King County Other: None
51	O8	07/10/97	Water Quality	14th Ave S & S Concord St	Combined	Combined sewer basin		No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None
51	O8	10/01/02	Water Quality	8819 14th Ave S	Combined	Combined sewer basin	10/02/02	No	No	Other	Unknown	RecWater: combined Sewer Class: storm line Other: CB is located on the combined line and has OT, provided info to Fire Dept.
51	O8	07/14/97	Water Quality	8819 14th Ave S	Combined	Combined sewer basin	07/21/97	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Results of Inspection/Referral to: Other City Dept Other: None
51	O8	11/06/09	Water Quality	8819 14th Ave S	Combined	Combined sewer basin	11/06/09	No	No	Garbage/Debris	Illegal Dumping	Report of trash & oil in & around storm drain. Area on combined. Conducted business inspection & forwarded trash issue to illegal dumping.
51	O8	06/26/07	Water Quality	1414 S Concord St	Combined	Combined sewer basin	06/26/07	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Fixed business not implementing BMPs	
51	P11	04/20/04	Water Quality	3716 S Roxbury St	Combined	Combined sewer basin	04/21/04	No	No	Automotive Fluid (Oil/Gasoline/Antifreeze, etc)	Unknown	RecWater: metro Other: Sent letter attached
51	P14	06/06/01	Water Quality	9925 Arrowsmith Ave S	Combined	Combined sewer basin	06/07/01	No	No	Sediment	Unknown	RecWater: metro Results of Inspection/Referral to: None Other: None

APPENDIX F CITY CONSTRUCTION DEWATERING GUIDELINES

Seattle Permits

part of a multi-departmental City of Seattle series on getting a permit

Side Sewer Permits for Temporary Dewatering on Construction Sites

Updated February 4, 2015

Dewatering operations are practices that manage the collection and discharge of surface and subsurface water that must be removed from a work location so that construction work can be accomplished. The Side Sewer Permit for Temporary Dewatering (SSPTD) addresses location for discharges, pollutants, discharge volumes, report methods, payment to public agencies for use of existing facilities, monitoring and inspections.

This Tip clarifies the requirements for obtaining construction site dewatering authorization (including permit and fees), submittal requirements for construction temporary dewatering and connections, requirements for construction dewatering monitoring and compliance; and the responsibilities of relevant parties.

PERMIT REQUIREMENTS

When is a Temporary Dewatering Permit Required?

An SSPTD is required for any of the following:

- Deep excavations (greater than 12 feet)
- One (1) acre or more of land disturbing activity
- If surface and/or subsurface water is encountered during construction activity
- Work in an Environmentally Critical Area (ECA)
- Disposal of <u>contaminated</u> temporary surface and/ or subsurface water during construction that was not originally expected to occur
- When advised by the Seattle Public Utilities (SPU) and/or the Seattle Department of Construction and Inspections (Seattle DCI) that an SSPTD needs to

be obtained from Seattle DCI because of known surface or subsurface concerns of the neighborhood or other parties

Normally Seattle DCI will identify the requirements for an SSPTD during the building permit review. In situations where surface and/or subsurface water contamination is present, SPU may be consulted for review and comments. Likewise, where there may be an influence from temporary dewatering adjacent to a public place (street right-of-way), the Seattle Department of Transportation (SDOT) may also be consulted for review and comments.

Submittal Requirements/Special Inspections

The submittals for a SSPTD must include the following:

■ Material previously required by Seattle DCI/SDOT:

- Geotechnical Report
- Analysis of the influence of temporary dewatering activities adjacent to the street right-of-way (ROW)

■ Material previously required by Seattle DCI but now requiring additional and/or modified information:

- Point of discharge and proposed rate of discharge for temporary dewatering flows
- Temporary Dewatering Plan for temporary surface water and temporary subsurface water discharge, monitoring, testing and reporting requirements

■ New material required by SPU/Seattle DCI:

- Phase I and/or II Environmental Site Assessment (if available)
- Water Quality Treatment System design and operation (if applicable)
- Water quality (if applicable) and discharge volume sampling, monitoring plan; and reporting
- Evidence that a Construction Stormwater Permit was obtained from Department of Ecology (DOE) for construction sites greater than one acre in size or as required

www.seattle.gov/sdci

Temporary Dewatering Plan Requirements

For projects to be permitted, the applicant will be required to submit a Temporary Dewatering Plan (Plan) containing information about groundwater and soil conditions on the site, as defined in DR 13-2010, "Side Sewer Permit for Temporary Dewatering." The Plan can be used to identify the point of discharge for temporary groundwater and stormwater, and also identify, if appropriate, contaminant issues, water quality treatment and action levels that may be required.

The Plan must also contain provisions for suspending work through the "wet season" should the proposed temporary dewatering measures prove to be inadequate during construction.

Point of Discharge

Project sites that have access to a public storm drainage system (PSD) will be required to treat and discharge all on-site dewatering to the PSD unless water cannot be effectively treated and/or flow cannot be adequately controlled to protect the downstream drainage activities. The general point of discharge shall be made using the project site's existing side sewer (including existing service drain) piping.

If no side sewer is available at the proposed site, temporary discharge may be made to a public facility (e.g. maintenance hole, catch basin or curb discharge) provided that all street-use requirements and permits required from SDOT are obtained. If no PSD is available, the City may allow connection of the point of discharge to a public combined sewer or sanitary sewer after review of the Plan.

To discharge to a public combined or sanitary sewer system, applicants must obtain a Discharge Authorization Letter from King County Industrial Waste, Department of Natural Resources and Parks Industrial Waste Group. Normally King County Industrial Waste will accept contaminated stormwater into its sanitary sewer system under certain conditions and criteria with its Discharge Authorization Letter.

Water Quality Standards and Treatment (Including Groundwater Contamination)

It is the applicant's responsibility to meet the discharge requirements that will be specified in the SSPTD. This includes maintaining discharge rates and volumes below the specified amount, meeting sampling and monitoring requirements, and reporting water quality and volume results to the specified agencies. Water quality requirements are based on federal, state, county and city guidelines and regulations.

■ Discharge limits

Discharge limits are the maximum allowable concentrations of a pollutant that can be discharged off site from temporary dewatering operations. Discharge limits apply at the point of discharge from the project and are defined separately for discharges to storm drain/receiving water bodies and sanitary/combined sewer systems as defined in DR 13-2010. Project specific discharge limits will be defined in the SSPTD.

■ Treatment

If necessary, dewatering water must be treated prior to discharge. Treatment process and operating protocols must be described in the dewatering plan. The appropriate local authority (SPU for discharges to storm/surface water and King County Industrial Waste for discharges to sanitary/combined sewer) shall review and approve treatment plans.

Some treatment systems (e.g. polymer treatment) require DOE review and approval. The applicant is responsible for obtaining all necessary approvals/permits for these systems. Documentation of DOE approval must be provided to Seattle DCI prior to operating the treatment process.

■ Compliance Monitoring

Monitoring frequency will be stipulated in the SSPTD. All sampling shall be conducted in accordance with standard EPA and DOE protocols.

Volume and Discharge Rates

Volume restrictions will be determined by the City based on point of discharge (sewer or storm), capacity restrictions, project size, and receiving water body, if applicable as defined in DR 13-2010. Details regarding such a discharge system must be described in the Plan, as well as emergency measures to account for any system failure or unforseen circumstances.

CITY ROLES AND RESPONSIBILITIES

Seattle Public Utilities

SPU Surface Water Quality staff provide review and inspection for receiving water quality sampling and testing reports, and reviewing results for an issued SSPTD. If violations are detected, SPU will contact the applicant/contractor, certified TESC representative, special inspector, and Seattle DCI to work with them to resolve any problems.

Normally, involvement by SPU will be limited to special cases and complex issues arising during permitting

or construction. This would include reviewing and researching utility systems in project areas, investigating complaints with SPU Surface Water Quality staff and/or Seattle DCI staff, coordinating with King County Industrial Waste staff, and responding to conflicts and complaints as received by SPU. SPU will define and oversee an exception process for dewatering permits.

SPU will assist in the review process under the following conditions:

- If the site is authorized to discharge to a PSD and/or contamination is present in the temporary surface and/or subsurface dewatering flows
- If the site is being authorized to discharge to a creek system
- If there is confusing or contradictory mapping information regarding existing piping or piping discharges
- If applicant requires discharge rates greater than those outlined in DR 13-2010 and a resolution cannot be made by Seattle DCI staff during review

After issuance of an SSPTD, SPU will assist in the inspection process under the following conditions:

- If there are water quality treatment issues
- If there is a conflict with the existing piping and the SPU/Seattle DCi Graphical Information Sys tem (GIS) sewer and storm drain main locations
- If there are treatment issues occurring during construction
- If higher discharges are required because of site conditions
- If there is no Construction Stormwater Permit required by DOE but flocculent treatment is proposed

Seattle DCI

Seattle DCI staff perform Pre-Application Site Visits, identify key issues related to dewatering, review submittals during permitting relating to the SSPTD, collect fees, issue the SSPTD, conduct site inspections during construction, and coordinate actions related to complaints or violations of the conditions set in the SSPTD. If Seattle DCI detects violations, they will contact SPU staff and work with them to resolve any problems.

Seattle Department of Transportation

SDOT staff verify connections with street ROW requirements, issue street-use permits for dewatering discharges that are permitted across the ROW and review proposed dewatering procedures to ensure that there is no detriment to the public place from said dewatering operations.

FEES AND CHARGES

The fees associated with an SSPTD are established in the SMC 21.16. Review time by Seattle DCI and SPU for an SSPTD will be charged at the current hourly fee as established by the applicable Seattle DCI Fee Subtitle, which can be found on Seattle DCI's "Fees" page at www.seattle.gov/dpd/codesrules/codes/fees/.

Inspection Fees

General inspection of dewatering elements of a project will be performed by the Seattle DCI Site Development Inspector in conjunction with other ground disturbance/side sewer/TESC inspection. One hour is allocated to an SSPTD. These inspections may be coordinated with SPU Surface Water Quality staff and SPU Engineering staff if complications or uncertainties arise during the construction dewatering phase.

Regardless of inspections, the permittee is responsible for complying with all conditions of the SSPTD, e.g., point of discharge, water quality, and discharge volumes.

After issuance of the permit, SPU/Seattle DCI inspection and/or additional review time required that exceeds the allotted time for an SSPTD will be billed on an hourly rate per the Seattle DCI hourly rate schedule mentioned above.

Discharge to Public Sewer System

If discharges are made to the public sewer system, King County Industrial Waste must be contacted for authorization to discharge, for which a fee may be required at King County's discretion.

Also at King County's direction, the applicant must establish an account with SPU for discharge billing, which is based on volume to cover costs for conveyance and treatment. However, King County has the option to waive billing for small construction sites.

In rare cases when a site is connected directly to a King County sewer main and not an SPU line, billing will be conducted by King County alone.

Other Fees

King County Industrial Waste may have an inspection role when discharges to the sewer system are allowed. Fees for this service will be directed to the applicant/contractor by King County Industrial Waste's Discharge Authorization Letter. SDOT may also have a fee for temporary dewatering operations being conducted in the public place.

KEY SIDE SEWER CONTACTS

Application Information

Contact the Seattle DCI Drainage & Sewer Review Desk at (206) 684-5362 or visit www.seattle.gov/dpd/permits/permittypes/sidesewer/.

Scheduling Inspections

Call the Seattle DCI Inspection Request Line at (206) 684-8900 or read Tip 503, *Side Sewer Permits in Seattle*.

Technical Information

Send an email to **sidesewerinfo@seattle.gov** or contact the most pertinent listing below:

- Seattle DCI Drainage & Sewer Review Desk, (206) 684-5362
- Seattle Public Utilities (SPU) Core Tap, (206) 615-0511
- Seattle Department of Transportation (SDOT) Street Restoration - Street Use Counter, (206) 684-5283

Access to Information

Links to electronic versions of Seattle DCI **Tips, codes** and **forms** are available on the "Tools & Resources" page of our website at **www.seattle. gov/sdci**. Paper copies of these documents are available from our Public Resource Center, located on the 20th floor of Seattle Municipal Tower at 700 Fifth Ave. in downtown Seattle, (206) 684-8467.

Seattle DCI Triggers Side Sewer Permit for Temporary Discharge-Flowrate Thresholds¹

	Discharge Water Source								
		<u>Uncontaminated</u>		Contaminated Surface					
<u>Discharge Pipe</u>	Surface Water	<u>Groundwater</u>	<u>Process Water</u>	and/or Ground Water					
				Surface Water: 230 gpm ⁶ for					
PS ³	230 gpm ⁶ for	8-in pipe: 65	5 gpm	'batch' discharge					
(wet season) ²	'batch' discharge	>8-in pipe: 20	0 gpm ⁸	Groundwater: 25,000 gpd					
				Surface Water: 230 gpm ⁶ for					
PS ³	230 gpm ⁶ for	8-in pipe: 65	5 gpm	'batch' discharge					
(dry season) ²	'batch' discharge	>8-in pipe: 20	0 gpm ⁸	Groundwater: 75,000 gpd					
PSS ³									
(wet season)	not allowed	not allowed	25,000 gpd	not allowed ⁴					
PSS ³									
(dry season)	not allowed	not allowed	75,000 gpd	not allowed ⁴					
PSD discharging to PS ³	230 gpm ⁶ for	8-in pipe: 65 gpm	not allowed						
(wet season)	'batch' discharge	>8-in pipe: 200 gpm ⁸	illicit discharge	not allowed⁵					
PSD discharging to PS ³	230 gpm ⁶ for	8-in pipe: 65 gpm	not allowed						
(dry season)	'batch' discharge	>8-in pipe: 200 gpm ⁸	illicit discharge	not allowed⁵					
PSD to Receiving Water			not allowed	not allowed					
(wet season)	No Limitation ⁷	230 gpm ⁶	illicit discharge	illicit discharge					
PSD to Receiving Water			not allowed	not allowed					
(dry season)	No Limitation ⁷	230 gpm ⁶	illicit discharge	illicit discharge					
PSD discharging to listed or									
non-listed creek basin	230 gpm ⁶ for		not allowed	not allowed					
(wet season)	'batch' discharge	230 gpm ⁶	illicit discharge	illicit discharge					
PSD discharging to listed or									
non-listed creek basin	230 gpm ⁶ for		not allowed	not allowed					
(dry season)	'batch' discharge	230 gpm ⁶	illicit discharge	illicit discharge					
Ditch & Culvert, or Capacity									
Constrained Basin	230 gpm ⁶ for		not allowed	not allowed					
(wet season)	'batch' discharge	230 gpm ⁶	illicit discharge	illicit discharge					
Ditch & Culvert, or Capacity									
Constrained Basin	230 gpm ⁶ for		not allowed	not allowed					
(dry season)	'batch' discharge	230 gpm ⁶	illicit discharge	illicit discharge					

 $^{^{\}mbox{\scriptsize 1}}$ Exceptions requested from these parameters are triggers for SPU consultation.

 $^{^{\}rm 2}\,$ Wet Season is November 1 through April 31; Dry Season is May 1 through October 31

³ Discharges to the public sanitary and combined systems must receive a King County Industrial Waste Discharge Permit as a condition of the SSPTD.

⁴ Proposed drainage water discharge to PSS must receive SPU & KC special permission. A max 25,000/75,000 gpd rate for all discharges may be considered.

⁵ Discharge may be allowed if there isn't a PS available, and if the PSD directly discharges into a combined system (opposed to a diversion structure or daylighting in a pond prior to confluence)

⁶ PSD discharge limitation of 230 gpm is based on 10% theoretical capacity of a standard 12" pipe at a 2% slope.

⁷ General condition is that the discharge shall not cause or contribute to a flooding condition. If weather condition is rainy during discharge, the max discharge rate shall be 230 gpm.

⁸ If sewer main is 8-in, the maximum discharge rate shall be 65 gpm; 12-in main 200 gpm; larger main 230 gpm

APPENDIX G Sample Street Use Permit

309 31ST AVE E

STREET USE PERMIT

Permit No.:

INSPECTOR

LOCATION Address:

Details:

Inspector: Annual Permits
Inspection District: CAPITOL HILL

Application Date:

7/11/08 8:50 am

76391

Issue Date:

8/1/08 1:34 pm

PARTIES (* Primary Applicant)

PERMITTED USES

First Day of Occupation: 7/11/08

Use Space Sq. Ft. Use Description

12 A 1,800 MAINTAIN TWO GATES IN ALLEY AT E THOMAS ST ENTRANCE FOR 1800 SF AREA. Erect, place and maintain materials for storage in public area

CONDITIONS of USE

MSBMP1:

ELIMINATE ILLICIT CONNECTIONS TO STORM DRAINS- Identify all drains on the property, dye or smoke test drains to verify proper connections. Fix improperly plumbed drains. Inspect, maintain function, clean and repair structures, pipe fittings, and containers, and replace as needed. Document corrections.

MSBMP2:

PERFORM ROUTINE MAINTENANCE FOR STORM DRAINS - Only rainwater is permitted to discharge to the separated sewage system, which reaches surface waters and Puget Sound without treatment.

MSBMP3:

DISPOSE OF WASTE FLUIDS AND SOLIDS PROPERLY - Label and properly store solid, liquid and waste materials.

MSBMP4

SWEEP THE SITE FREQUENTLY RATHER THAN USING WATER TO CLEAN SURFACES - Clean storage areas frequently. Maintain a Spill Prevention and Clean-up plan, which includes maintaining stocked spill kits and a training program. Properly clean-up spills and disposal of all contaminated materials including soils.

MSBMP5:

PROVIDE OVERSIGHT AND TRAINING FOR STAFF - Training must include source control, pollution prevention and proper clean-up of spills.

MSBMP6

WATER RUNOFF - Rain, surface, or potable water which comes in contact with leachable, spillable or erodable materials, in use or stored, must be collected and treated before being disposed to sanitary, separated or natural drainage systems. Permission to discharge must be requested from King County in the case of sanitary sewer or Dept of Ecology, in the case of separated or natural systems.

PERMITTED ACTIVITIES

PERMITTED ACTIVITIES - Only activities directly related to material storage such as loading, unloading or securing of non-hazardous materials are allowed under this permit.

PROHIBITED ACTIVITIES:

PROHIBITED ACTIVITIES - No commercial, industrial or manufacturing activities or operations are permitted in the right of way under the material storage permit. Activities that contribute pollutants to the ground, surface water and air are prohibited. These activities include but are not limited to: repair, maintenance, processing, mixing, manufacturing, fabricating, building, finishing, painting, coating and composting.

FEES		

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STREET USE PERMIT

Permit No.: 76391

Description	Date	Amount	
ISSUANCE FEE - USE 12	08/1/2008	\$101.00	
OCCUPATION FEE - USE 12 - SPACE A	08/1/2008	\$918.00	
RENEWAL FEE - USE 12	08/6/2009	\$97.00	
OCCUPATION FEE - USE 12 - SPACE A	08/6/2009	\$918.00	
RENEWAL FEE - USE 12	08/5/2010	\$97.00	
OCCUPATION FEE - USE 12 - SPACE A	08/5/2010	\$918.00	
RENEWAL FEE - USE 12	08/4/2011	\$140.00	
OCCUPATION FEE - USE 12 - SPACE A	08/4/2011	\$918.00	
RENEWAL FEE - USE 12	08/6/2012	\$140.00	
OCCUPATION FEE - USE 12 - SPACE A	08/6/2012	\$918.00	
RENEWAL FEE - USE 12	09/6/2013	\$140.00	
OCCUPATION FEE - USE 12 - SPACE A	09/6/2013	\$918.00	
Totals:		\$6,223.00	

STREET USE INSPECTOR		Annual Permits	(206) 684-5267
Permittee	Director Per		

GENERAL REQUIREMENTS

- Nature of permit. This permit is issued pursuant to the Seattle Municipal Code (SMC), Chapter 15.04, for use and/or occupancy of the public right-of-way consistent with the terms and conditions set forth herein. This permit is wholly of a temporary nature, vests no permanent rights whatsoever, and is revocable pursuant to SMC 15.04.070.
- Acceptance of terms, conditions, and requirements. Permittee accepts the terms, conditions, and requirements of this permit and agrees to comply
 with them to the satisfaction of the Seattle Department of Transportation, Street Use Division, or such other agency as may be designated by the City
 of Seattle. Permittee further agrees to comply with all applicable city ordinances, including but not limited to Title 15 SMC, and all applicable
 requirements of state and federal law.
- 3. Copy of permit. A copy of the issued permit and approved plans must be on site and available at all times.
- 4. Expiration of permit. This permit shall remain valid until revoked pursuant to SMC 15.04.070; provided that, the permit shall expire automatically if the authorized work does not begin within six months from the date the permit is issued.
- 5. Superiority of Street Improvement Permit. When a Street Improvement Permit exists, the rights acquired under the Street Improvement Permit supersedes those acquired under any other Street Use or Utility Permits.
- 6. Compliance with technical requirements and standards. All work within the public right-of-way shall be performed and completed in accordance with requirements set forth in the following technical documents published by the City of Seattle, as now or hereafter amended: Right-of-Way Improvements Manual; Standard Specifications for Road, Bridge, and Municipal Construction; Standard Plans for Municipal Construction; Street and Sidewalk Pavement Opening and Restoration Rule; and Traffic Control Manual for In-Street Work.
- 7. Scope of Work. The Permittee shall construct the improvements reflected in, and in accordance with, this permit and the City approved construction plans. Any and all revisions, omissions and / or additions to the scope of work shall be reviewed and approved by the City prior to implementation.
- 8. Street Use Notification. Construction work may be completed in several phases: site preparation (setting up traffic control, sawcutting, etc), ground breaking, and restoration. Before beginning any phase of work in the public right-of-way, the Permittee shall notify Street Use of each start date. Permittee shall be responsible for notifying Street Use Job Start at (206) 684-5270 or SDOTJobStart@Seattle.gov a minimum of 2 business days prior to the start of work and provide the following information:
 - · Permit Number
 - · Job Site Address
 - · Start Date Please specify if Job Start date is the same as the Excavation date. If the dates are different, please provide both dates.
 - · Brief Work Description
 - · Job Site Contact Name and Phone Number

Failure to do so shall result in a penalty of \$300 or such other amount as may be established pursuant to SMC 15.04.074.

For Street Improvement Permits and Major Utility Permits, a preconstruction meeting is required prior to the start of construction, and the assigned

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inspector shall be notified a minimum of 2 business days prior to required inspections.

- Utility notification prior to ground disturbance. The Permittee shall call Utility Underground Locator Center (1-800-424-5555) a minimum of 48 hours prior to ground disturbance.
- 10. Public notification. Permittee shall notify all potentially affected residents and businesses, at least one week prior to starting work within the public right-of-way.
- 11. Coordination of work. In performing work authorized by this permit, the Permittee shall coordinate with other contractors working in the public right-of-way to minimize the impact to the public.
- 12. Hours of work. Work performed within the public right-of-way shall occur only during hours authorized under all applicable codes, regulations, rules and permits.
- 13. Off-Hour Work. Work outside of normal working hours (8:00 am -5:00 pm Monday through Friday) requires a minimum of 3 business days advanced notice to the SDOT Street Use Inspection Supervisor prior to the off hours work. Work outside of normal working hours may also require a separate approved traffic control plan. A minimum of 2 hours of inspection time will be charged for inspection outside of normal working hours at the premium rate. A Stop Work order and/or a Citation may be issued for failure to notify a minimum of 3 business days in advance.
- 14. Inspection fees. Permittee shall pay for City inspections of work authorized under this permit per the current fee schedule as established pursuant to SMC 15.04.074, and to cover all other associated costs.
- 15. Billing. All fees and costs billed pursuant to this permit shall be paid to the City of Seattle within 30 days from the date of the invoice. Past due invoices may be subject to interest charges and / or sent to collections.
- 16. Deposits, Charges, and Future Billings. The Permittee is responsible for all permit charges. If a deposit was made for estimated future street use services, any unused portion of the deposit shall be refunded to the Permittee. Any charges in excess of the deposit shall be billed to the Permittee.
- 17. Corrective Work. The Permittee is responsible for any additional costs incurred by the City resulting from temporary or corrective measures required to bring the work area in compliance with standards that apply, including, but not limited to, temporary traffic control, requirements for temporary structures, temporary stabilization and temporary restoration when the Permittee is not on site.
- 18. Indemnification. The Permittee agrees to defend, indemnify, and hold harmless the City of Seattle, its officials, officers, employees, and agents against: (1) any liability, claims, causes of action, judgments, or expenses, including reasonable attorney fees, resulting directly or indirectly from any act or omission of the Permittee, its contractors, subcontractors, anyone directly or indirectly employed by them, and anyone for whose acts or omissions they may be liable, arising out of the Permittee's use or occupancy of the public right-of-way; and (2) all loss by the failure of the Permittee to fully or adequately perform, in any respect, all authorizations or obligations under this Permit.

EXISTING IMPROVEMENTS

- Costs of damage to City property and improvements. Permittee shall be responsible for the costs of repairing any damage to city property or improvements resulting from work performed by or on behalf of the Permittee within the public right-of-way.
- 2. Utility protection. The Permittee shall be responsible for checking locations and providing adequate protection for all utilities in the work area.
- 3. Utility relocation. The Permittee shall be responsible for notifying affected utilities and requesting any necessary relocation.
- 4. Survey monuments. Prior to removing, destroying, disturbing, or covering a survey monument, such that the survey point is no longer visible or readily accessible, Permittee shall obtain a permit from the Department of Natural Resources pursuant to Washington Administrative Code, Chapter 332-120.

ENVIRONMENTAL PROTECTION

1. Best management practices required. The Permittee shall be responsible for the control of surface runoff, erosion and sediment at the construction site, as required by: the Stormwater Code (Title 22 Subtitle VIII SMC), the Standard Specifications for Road, Bridge, and Municipal Construction and Department of Planning and Development Director's Rule 16-2000, as now or hereafter amended. The site and the surrounding area shall generally be kept clean and free of construction debris or other material, including but not limited to mud, dust, rock, asphalt, and concrete. Waste materials shall be collected and disposed of at an appropriate disposal site. These materials shall be prevented from entering any part of the public sewer and storm drain system, and any surface waters.

TRAFFIC CONTROL REQUIREMENTS

- 1. Compliance with the Traffic Control Manual for In-Street Work. In order to provide safe and effective work areas and to ward, control, protect, and expedite vehicular and pedestrian traffic, signage for all construction within the public right-of-way shall comply with the City of Seattle Traffic Control Manual for In-Street Work, as now or hereafter amended. When required, the conditions on the traffic control plan shall supercede any conflicting provisions or requirements in the City of Seattle Manual for In Street Work. A copy of the current City of Seattle Traffic Control Manual for In-Street Work, and approved traffic control plan, when required, shall be on site at all times.
- 2. Lanes to remain open during peak hours. Traffic lanes shall not be closed during the following peak hours: 6:00 am-9:00 am and 3:00 pm-7:00 pm in the Central Business District, and 7:00 am-9:00 am and 4:00 pm-6:00 pm for arterials elsewhere in the City, unless specifically noted on the approved traffic control plan.
- 3. Maintain access. Access shall be maintained or accommodated during construction.
- 4. Width of temporary traffic lanes. Temporary traffic lanes created during the permitted work shall be a minimum of 11 feet in width, unless otherwise approved on the traffic control plan.
- 5. Working within restricted curb spaces. When the project impacts a restricted curb space, such as parking stalls, meters, pay stations, and related signage, the Permittee shall obtain permission from SDOT Traffic Management prior to the start of work. Contact the SDOT Traffic Engineers at (206) 684-5086 prior to the start of work.

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6. Temporary No Parking signs and easels. In areas without parking pay stations or parking meters, establishing a Temporary No Parking Zone requires placement of type T-38 or T-39 easels, and completion of an online verification form in conformance with the Traffic Control Manual for In-street Work. The Permittee shall contact SDOT's Traffic Permit Counter when working in pay-to-park areas (meters or pay station controlled).

7. Nighttime Illumination. Four or more Type B warning lights of sufficient brilliance to be seen from 500 feet, must be maintained at all times during

the hours of darkness at the points of obstruction or excavation of any right-of-way.

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APPENDIX H SEATTLE DEPARTMENT OF TRANSPORTION PAVING PROJECTS (2008 – 2014)

Street Segment	Arterial Description	Street Type	Length (ft)	Surface Type	Date	Outfall
	Description	Type	(π)	i ype		
4TH AVE S BETWEEN S FRONT ST AND S MICHIGAN ST	Principal Arterial	Industrial	990	PCC	04/01/10	Head of Slip 2 SD
DELRIDGE WAY SW BETWEEN SW HUDSON ST AND PUGET BLVD SW	Principal Arterial	Regional	811	AC	04/02/10	Combined sewer basin
S JUDKINS ST BETWEEN 31ST WR AVE S AND 31ST AVE S	Not Designated	Local	62	AC	04/17/10	Diagonal Ave S CSO/SD
43RD AVE S BETWEEN S WEBSTER ST AND RENTON AVE S	Not Designated	Mixed	681	ST	05/18/10	Combined sewer basin
39TH AVE S BETWEEN S FERDINAND ST AND S HUDSON ST	Not Designated		294	PCC	05/20/10	Combined sewer basin
SW KENYON ST BETWEEN DELRIDGE WAY SW AND DEAD END 3	Not Designated	Regional	333	AC	06/21/10	Combined sewer basin
SW ALASKA ST BETWEEN 41ST AVE SW AND 42ND AVE SW	Minor Arterial	Mixed	326	AC/PCC	06/22/10	Combined sewer basin
SW ALASKA ST BETWEEN 41ST AVE SW AND 42ND AVE SW	Minor Arterial	Mixed	326	AC/PCC	06/22/10	Combined sewer basin
RAINIER PL S BETWEEN S THISTLE ST AND 50TH AVE S	Not Designated	Local	582	ST	06/30/10	Combined sewer basin
JEFFERSON ST BETWEEN BOREN AVE AND BROADWAY	Collector Arterial	Mixed	322	AC/PCC	07/24/10	Combined sewer basin
E JEFFERSON ST BETWEEN 20TH AVE AND 21ST AVE	Collector Arterial	Local	321	AC/PCC	07/26/10	Diagonal Ave S CSO/SD
SW GENESEE ST BETWEEN DELRIDGE WAY SW AND 25TH AVE SW	Collector Arterial	Local	260	PCC	07/30/10	Combined sewer basin
S DEARBORN ST BETWEEN M L KING JR WAY S AND 28TH S AVE S	Not Designated	Commercial	279	AC	08/02/10	Diagonal Ave S CSO/SD
19TH AVE E BETWEEN E ROY ST AND E ALOHA ST	Collector Arterial	Local	590	AC/PCC	08/12/10	Combined sewer basin
20TH AVE S BETWEEN S LANE ST AND S DEARBORN ST	Collector Arterial	Local	280	AC/PCC	08/13/10	Diagonal Ave S CSO/SD
S DAWSON ST BETWEEN 37TH AVE S AND 39TH AVE S	Not Designated		661	ST	08/13/10	Combined sewer basin
19TH AVE E BETWEEN E REPUBLICAN ST AND E MERCER ST	Collector Arterial	Mixed	440	AC/PCC	08/16/10	Combined sewer basin
23RD AVE BETWEEN E OLIVE N ST AND E DENNY WAY	Principal Arterial	Mixed	666	AC/PCC	08/23/10	Combined sewer basin
E MERCER ST BETWEEN 23RD AVE E AND 24TH AVE E	Not Designated	Regional	316	PCC	08/23/10	Combined sewer basin
S CLOVERDALE ST BETWEEN 5TH AVE S AND 7TH AVE S	Principal Arterial	Regional	645	PCC	08/23/10	7th Ave S SD
S ALASKA ST BETWEEN 34TH AVE S AND 35TH AVE S	Minor Arterial	Commercial	272	PCC	08/23/10	Combined sewer basin
S ALASKA ST BETWEEN 34TH AVE S AND 35TH AVE S	Minor Arterial	Commercial	272	PCC	08/23/10	Combined sewer basin
23RD AVE E BETWEEN E HARRISON ST AND E REPUBLICAN ST	Principal Arterial	Regional	188	PCC	08/24/10	Combined sewer basin
23RD AVE BETWEEN E OLIVE N ST AND E DENNY WAY	Principal Arterial	Mixed	666	AC/PCC	08/24/10	Combined sewer basin
32ND AVE S BETWEEN S LUCILE ST AND S ORCAS ST	Not Designated	Local	564	PCC	08/25/10	Combined sewer basin
S LUCILE ST BETWEEN 13TH AVE S AND 15TH AVE S	Minor Arterial	Commercial	658	PCC	09/03/10	Combined sewer basin
SW BARTON ST BETWEEN 29TH AVE SW AND 30TH AVE SW	Minor Arterial	Commercial	336	PCC	09/09/10	Combined sewer basin
S HILL ST BETWEEN 23RD AVE S AND 24TH AVE S	Not Designated	Regional	316	ST	09/14/10	Diagonal Ave S CSO/SD
S CLOVERDALE ST BETWEEN 45TH AVE S AND 46TH AVE S	Collector Arterial	Local	291	AC	09/14/10	Combined sewer basin
S FOREST ST BETWEEN 16TH AVE S AND 17TH AVE S	Not Designated	Mixed	306	AC	09/15/10	Combined sewer basin
SW GENESEE ST BETWEEN DELRIDGE WAY SW AND 25TH AVE SW	Collector Arterial	Local	260	PCC	10/01/10	Combined sewer basin
E MADISON ST BETWEEN 11TH AVE AND 12TH AVE	Principal Arterial	Main	404	AC/PCC	10/05/10	Combined sewer basin
30TH AVE SW BETWEEN SW BRANDON ST AND SW FINDLAY ST	Not Designated		658	ST	10/14/10	Combined sewer basin
23RD AVE BETWEEN E CHERRY ST AND E COLUMBIA ST	Principal Arterial	Regional	368	AC/PCC	10/25/10	Diagonal Ave S CSO/SD
7TH AVE S BETWEEN S LUCILE ST AND S FINDLAY ST	Not Designated	Industrial	270	AC	12/08/10	Combined sewer basin
7TH AVE S BETWEEN S LUCILE ST AND S FINDLAY ST	Not Designated	Industrial	270	AC	12/08/10	Combined sewer basin
M L KING JR WAY S BETWEEN S KING ST AND S LANE ST	Minor Arterial	Commercial	486	PCC	01/28/11	Diagonal Ave S CSO/SD
26TH AVE S BETWEEN S DEARBORN W ST AND S CHARLES ST	Not Designated		354	AC	02/16/11	Diagonal Ave S CSO/SD
23RD AVE BETWEEN E TERRACE ST AND E JEFFERSON ST	Principal Arterial	Regional	376	AC/PCC	02/28/11	Diagonal Ave S CSO/SD
16TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST	Not Designated	Local	306	AC	02/28/11	Diagonal Ave S CSO/SD

Street Segment	Arterial	Street	Length	Surface	Date	Outfall
	Description	Type	(ft)	Type		
SW ADAMS ST BETWEEN 28TH AVE SW AND 30TH AVE SW	Not Designated		660	ST	03/11/11	Combined sewer basin
DELRIDGE WAY SW BETWEEN CROFT PL SW AND SW MYRTLE ST	Principal Arterial	Regional	510	AC/PCC	03/14/11	Combined sewer basin
EAST MARGINAL WAY S BETWEEN 4TH AVE S AND S RIVER ST	Principal Arterial	Industrial	94	AC/PCC	03/24/11	Combined sewer basin
7TH AVE S BETWEEN S LUCILE ST AND S FINDLAY ST	Not Designated	Industrial	270	AC	03/24/11	Combined sewer basin
E UNION ST BETWEEN 23RD AVE AND 24TH AVE	Minor Arterial	Main	319	AC/PCC	03/25/11	Combined sewer basin
23RD AVE BETWEEN E PIKE ST AND E PINE ST	Principal Arterial	Regional	421	AC/PCC	03/25/11	Combined sewer basin
SW KENYON ST BETWEEN DELRIDGE WAY SW AND DEAD END 3	Not Designated	Regional	333	AC	03/25/11	Combined sewer basin
DELRIDGE WAY SW BETWEEN CROFT PL SW AND SW MYRTLE ST	Principal Arterial	Regional	510	AC/PCC	03/28/11	Combined sewer basin
24TH AVE S BETWEEN S MCCLELLAN ST AND DEAD END 6	Not Designated	Commercial	227	ST	04/06/11	Diagonal Ave S CSO/SD
S DAWSON ST BETWEEN EAST MARGINAL WAY S AND COLORADO AVE S	Not Designated	Industrial	355	AC	04/22/11	Combined sewer basin
HARBOR AV SW OFF RP BETWEEN WEST SEATTLE BR WB AND SW SPOKANE NR ST	Principal Arterial	Industrial	804	PCC	04/25/11	Combined sewer basin
SYLVAN WAY SW BETWEEN HIGH POINT DR SW AND SW SYLVAN HEIGHTS DR	Principal Arterial	Regional	1050	AC	04/26/11	Combined sewer basin
DUMAR WAY SW BETWEEN SW ORCHARD ST AND SW AUSTIN ST	Principal Arterial	Regional	1354	AC	04/29/11	Combined sewer basin
SW WILLOW ST BETWEEN DELRIDGE WAY SW AND 23RD AVE SW	Not Designated	Regional	308	AC	05/04/11	Combined sewer basin
SW BARTON PL BETWEEN 21ST AVE SW AND 22ND AVE SW	Minor Arterial	Commercial	385	PCC	05/26/11	Combined sewer basin
M L KING JR WR WAY S BETWEEN S ELMGROVE ST AND S THISTLE ST	Principal Arterial	Regional	767	PCC	06/10/11	Combined sewer basin
23RD AVE S BETWEEN E YESLER WAY AND S MAIN ST	Principal Arterial	Regional	497	AC/PCC	07/10/11	Diagonal Ave S CSO/SD
SW HENDERSON ST BETWEEN 16TH AVE SW AND 17TH AVE SW	Minor Arterial	Commercial	332	PCC	07/22/11	Combined sewer basin
S ROSE ST BETWEEN DEAD END 5 AND BEACON WR AVE S	Not Designated	Local	320	AC	07/22/11	Combined sewer basin
SW ELMGROVE ST BETWEEN 8TH AVE SW AND 9TH AVE SW	Not Designated	Commercial	315	ST	08/09/11	Highland Park Wy SW SD
CORNELL AVE S BETWEEN RAINIER AVE S AND S TAFT ST	Collector Arterial	Local	713	AC	08/10/11	Combined sewer basin
23RD AVE BETWEEN E CHERRY ST AND E COLUMBIA ST	Principal Arterial	Regional	368	AC/PCC	08/18/11	Combined sewer basin
23RD AVE BETWEEN E CHERRY ST AND E COLUMBIA ST	Principal Arterial	Regional	368	AC/PCC	08/19/11	Combined sewer basin
HARBOR AV SW OFF RP BETWEEN WEST SEATTLE BR WB AND SW SPOKANE NR ST	Principal Arterial	Industrial	804	PCC	08/28/11	Combined sewer basin
DELRIDGE WAY SW BETWEEN CROFT PL SW AND SW MYRTLE ST	Principal Arterial	Regional	510	AC/PCC	08/31/11	Combined sewer basin
S MEAD ST BETWEEN 1ST AVE S AND 2ND AVE S	Not Designated		446	ST	08/31/11	Combined sewer basin
4TH AVE S BETWEEN S FIDALGO ST AND S FRONT ST	Principal Arterial	Industrial	878	PCC	09/03/11	Combined sewer basin
POPLAR PL S BETWEEN S DEARBORN ST AND S DEAN ST	Not Designated	Industrial	140	AC	09/09/11	Combined sewer basin
AIRPORT WAY S BETWEEN MILITARY RD S AND CITY LIMITS N	Principal Arterial	Industrial	2153	AC/PCC	09/09/11	S Norfolk St CSO/PS17 EOF/SD
14TH AVE S BETWEEN S COLLEGE ST AND BEACON AVE S	Collector Arterial	Local	407	AC/PCC	09/14/11	Combined sewer basin
14TH AVE S BETWEEN S GRAND ST AND S HOLGATE ST	Collector Arterial	Local	225	AC/PCC	09/18/11	Diagonal Ave S CSO/SD
AIRPORT WAY S BETWEEN MILITARY RD S AND CITY LIMITS N	Principal Arterial	Industrial	2153	AC/PCC	09/22/11	S Norfolk St CSO/PS17 EOF/SD
WILSON AVE S BETWEEN S MAYFLOWER ST AND 52ND N AVE S	Minor Arterial	Mixed	361	AC/PCC	09/23/11	Combined sewer basin
WILSON AVE S BETWEEN S MAYFLOWER ST AND 52ND N AVE S	Minor Arterial	Mixed	361	AC/PCC	09/23/11	Combined sewer basin
23RD AVE S BETWEEN S WAITE ST AND S LANDER ST	Minor Arterial	Commercial	300	PCC	09/23/11	Diagonal Ave S CSO/SD
16TH AVE SW BETWEEN SW ORCHARD ST AND SW OTHELLO ST	Minor Arterial	Commercial	331	PCC	09/28/11	Combined sewer basin
SW AVALON WAY BETWEEN SW GENESEE ST AND 35TH AVE SW	Minor Arterial	Commercial	984	AC/PCC	09/28/11	Combined sewer basin
16TH AVE SW BETWEEN SW HOLDEN ST AND SW KENYON ST	Minor Arterial	Commercial	661	PCC	10/04/11	Combined sewer basin
S COLUMBIAN WAY BETWEEN S SPOKANE ST AND 15TH AVS TURN RD	Principal Arterial	Regional	669	AC	10/05/11	Diagonal Ave S CSO/SD
SW OTHELLO ST BETWEEN 7TH PL SW AND HIGHLAND PARK WAY SW	Not Designated	Regional	461	AC/AC	10/06/11	Highland Park Wy SW SD

Street Segment	Arterial	Street	Length	Surface	Date	Outfall
	Description	Type	(ft)	Type		
DUMAR WAY SW BETWEEN SW ORCHARD ST AND SW AUSTIN ST	Principal Arterial	Regional	1354	AC	10/14/11	Combined sewer basin
7TH PL S BETWEEN S LANDER ST AND S FOREST ST	Not Designated	Industrial	760	ST	10/14/11	Diagonal Ave S CSO/SD
STURTEVANT AVE S BETWEEN RAINIER AVE S AND S ROXBURY ST	Not Designated	Commercial	1168	PCC	10/14/11	Combined sewer basin
AIRPORT WAY S BETWEEN S INDUSTRIAL EB WAY AND S OREGON ST	Principal Arterial	Industrial	532	AC/PCC	10/18/11	Diagonal Ave S CSO/SD
SW ADMIRAL WAY BETWEEN SW HANFORD E ST AND 34TH AVE SW	Principal Arterial	Regional	216	AC/PCC	10/25/11	Combined sewer basin
WATERS AVE S BETWEEN S FLETCHER ST AND 58TH AVE S	Collector Arterial	Local	231	AC/PCC	10/29/11	Combined sewer basin
AIRPORT WAY S BETWEEN MILITARY RD S AND CITY LIMITS N	Principal Arterial	Industrial	2153	AC/PCC	11/06/11	S Norfolk St CSO/PS17 EOF/SD
16TH AVE SW BETWEEN SW HOLLY ST AND SW MYRTLE ST	Minor Arterial	Commercial	1364	PCC	11/17/11	Combined sewer basin
23RD AVE E BETWEEN E HARRISON ST AND E REPUBLICAN ST	Principal Arterial	Regional	188	PCC	12/03/11	Combined sewer basin
51ST AVE S BETWEEN S BANGOR ST AND S 109TH ST	Collector Arterial	Local	408	PCC	12/09/11	Combined sewer basin
16TH AVE SW BETWEEN SW BARTON ST AND SW CAMBRIDGE ST	Minor Arterial	Commercial	670	AC/AC	02/09/12	Combined sewer basin
33RD AVE S BETWEEN S MYRTLE PL AND S OTHELLO ST	Not Designated	Regional	484	ST	02/19/12	Combined sewer basin
16TH AVE SW BETWEEN SW HOLLY ST AND SW MYRTLE ST	Minor Arterial	Commercial	1364	PCC	02/24/12	Combined sewer basin
8TH AVE S BETWEEN S TRENTON W ST AND S CONCORD ST	Collector Arterial	Local	277	AC	02/24/12	Combined sewer basin
S SNOQUALMIE ST BETWEEN 16TH AVE S AND S COLUMBIAN WAY	Not Designated	Regional	565	ST	02/29/12	Diagonal Ave S CSO/SD
CORNELL AVE S BETWEEN RAINIER AVE S AND S TAFT ST	Collector Arterial	Local	713	AC	03/21/12	Combined sewer basin
5TH AVE S BETWEEN S CONCORD ST AND S HENDERSON ST	Not Designated		310	AC	04/18/12	7th Ave S SD
BROADWAY BETWEEN E COLUMBIA ST AND BOYLSTON AVE	Minor Arterial	Commercial	122	AC	04/23/12	Combined sewer basin
S OTHELLO ST BETWEEN S MYRTLE PL AND 38TH AVE S	Principal Arterial	Regional	335	AC/PCC	05/03/12	Combined sewer basin
RENTON AVE S BETWEEN M L KING JR ER S WAY S AND S WEBSTER W ST	Minor Arterial	Commercial	106	AC/PCC	05/10/12	Combined sewer basin
16TH AVE S BETWEEN S NEVADA ST AND S COLUMBIAN WAY	Not Designated	Regional	760	ST	05/18/12	Diagonal Ave S CSO/SD
AIRPORT WAY S BETWEEN S HORTON N ST AND S HORTON S ST	Principal Arterial	Industrial	57	AC/PCC	05/31/12	Diagonal Ave S CSO/SD
ITHACA PL S BETWEEN RAINIER AVE S AND S FLETCHER ST	Not Designated	Regional	437	ST	06/14/12	Combined sewer basin
RAINIER AVE S BETWEEN 75TH AVE S AND CITY LIMITS	Principal Arterial	Regional	1104	AC/PCC	06/15/12	Combined sewer basin
S CLOVERDALE ST BETWEEN 38TH AVE S AND 39TH AVE S	Collector Arterial	Local	284	AC	07/27/12	Combined sewer basin
SW HENDERSON ST BETWEEN 16TH AVE SW AND 17TH AVE SW	Minor Arterial	Commercial	332	PCC	08/01/12	Combined sewer basin
SW HENDERSON ST BETWEEN 9TH AVE SW AND 10TH AVE SW	Minor Arterial	Commercial	315	PCC	08/31/12	Highland Park Wy SW SD
SW TRENTON ST BETWEEN 10TH AVE SW AND 11TH AVE SW	Not Designated		315	PCC	08/31/12	Highland Park Wy SW SD
SW HOLDEN ST BETWEEN HIGHLAND PK N WAY SW AND 11TH AVE SW	Principal Arterial	Regional	545	PCC	08/31/12	Highland Park Wy SW SD
SW FINDLAY ST BETWEEN 23RD AVE SW AND DELRIDGE WAY SW	Not Designated	Mixed	301	ST	09/07/12	Combined sewer basin
35TH AVE SW BETWEEN SW SNOQUALMIE ST AND SW ALASKA ST	Principal Arterial	Regional	354	AC/PCC	09/20/12	Combined sewer basin
DELRIDGE WAY SW BETWEEN DELRIDGE-W SEATTLE BR EB ON RP AND SW ANDOVI	E Principal Arterial	Regional	638	AC/PCC	10/04/12	Combined sewer basin
DENVER AVE S BETWEEN UTAH AVE S AND 2ND AVE S	Not Designated		1183	AC	10/07/12	Diagonal Ave S CSO/SD
S ATLANTIC ST BETWEEN STURGUS AVE S AND 17TH AVE S	Not Designated		266	PCC	10/10/12	Diagonal Ave S CSO/SD
13TH AVE S BETWEEN AIRPORT WAY S AND S BAILEY ST	Collector Arterial	Mixed	229	AC/PCC	10/11/12	Combined sewer basin
5TH AVE S BETWEEN S DAWSON ST AND S BENNETT ST	Not Designated		270	AC	11/06/12	Diagonal Ave S CSO/SD
SW GENESEE ST BETWEEN DELRIDGE WAY SW AND 25TH AVE SW	Collector Arterial	Local	260	PCC	11/12/12	Combined sewer basin
SW ANDOVER ST BETWEEN DEAD END 2 AND 19TH AVE SW	Not Designated		140	PCC	11/14/12	Combined sewer basin
RENTON AVE S BETWEEN S ROSE N ST AND S ROSE S ST	Minor Arterial	Commercial	125	AC/PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 41ST AVE S AND 42ND AVE S	Minor Arterial	Commercial	245	PCC	12/31/12	Combined sewer basin

Street Segment	Arterial	Street	Length	Surface	Date	Outfall
	Description	Type	(ft)	Type		
46TH AVE S BETWEEN S GENESEE ST AND S SNOQUALMIE ST	Not Designated	Commercial	859	ST	12/31/12	Combined sewer basin
36TH AVE S BETWEEN S ADAMS ST AND S GENESEE ST	Not Designated	Mixed	480	PCC	12/31/12	Combined sewer basin
S MICHIGAN ST BETWEEN 7TH AVE S AND CORSON AVE S	Principal Arterial	Industrial	954	AC/PCC	12/31/12	Combined sewer basin
RENTON AVE S BETWEEN 44TH AVE S AND S THISTLE ST	Minor Arterial	Commercial	248	AC/PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 39TH AVE S AND CASCADIA AVE S	Minor Arterial	Commercial	266	PCC	12/31/12	Combined sewer basin
RENTON AVE S BETWEEN S ROSE N ST AND S ROSE S ST	Minor Arterial	Commercial	125	AC/PCC	12/31/12	Combined sewer basin
RENTON AVE S BETWEEN 44TH AVE S AND S THISTLE ST	Minor Arterial	Commercial	248	AC/PCC	12/31/12	Combined sewer basin
S MICHIGAN ST BETWEEN 5TH PL S AND 6TH AVE S	Principal Arterial	Industrial	297	AC/PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 39TH AVE S AND CASCADIA AVE S	Minor Arterial	Commercial	266	PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 37TH AVE S AND 38TH AVE S	Minor Arterial	Commercial	271	AC/PCC	12/31/12	Combined sewer basin
43RD AVE S BETWEEN S ADAMS ST AND S GENESEE ST	Not Designated	Commercial	430	ST	12/31/12	Combined sewer basin
RENTON AVE S BETWEEN S CLOVERDALE ST AND S TRENTON ST	Minor Arterial	Commercial	687	AC/PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 41ST AVE S AND 42ND AVE S	Minor Arterial	Commercial	245	PCC	12/31/12	Combined sewer basin
4TH AVE S BETWEEN S FRONT ST AND S MICHIGAN ST	Principal Arterial	Industrial	990	PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 49TH AVE S AND 50TH AVE S	Minor Arterial	Mixed	310	PCC	12/31/12	Combined sewer basin
36TH AVE S BETWEEN S ADAMS ST AND S GENESEE ST	Not Designated	Mixed	480	PCC	12/31/12	Combined sewer basin
46TH AVE S BETWEEN S GENESEE ST AND S SNOQUALMIE ST	Not Designated	Commercial	859	ST	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 39TH AVE S AND CASCADIA AVE S	Minor Arterial	Commercial	266	PCC	12/31/12	Combined sewer basin
S ROSE CT BETWEEN DEAD END AND RENTON AVE S	Not Designated	Commercial	243	PCC	12/31/12	Combined sewer basin
S MICHIGAN ST BETWEEN 7TH AVE S AND CORSON AVE S	Principal Arterial	Industrial	954	AC/PCC	12/31/12	Combined sewer basin
RENTON AVE S BETWEEN S CLOVERDALE ST AND S TRENTON ST	Minor Arterial	Commercial	687	AC/PCC	12/31/12	Combined sewer basin
S GENESEE ST BETWEEN 49TH AVE S AND 50TH AVE S	Minor Arterial	Mixed	310	PCC	12/31/12	Combined sewer basin
RENTON AVE S BETWEEN S CLOVERDALE ST AND S TRENTON ST	Minor Arterial	Commercial	687	AC/PCC	12/31/12	Combined sewer basin
6TH AVE S BETWEEN S MICHIGAN ST AND S RIVER ST	Not Designated	Industrial	790	AC	12/31/12	Combined sewer basin
25TH AVE S BETWEEN S DEARBORN ST AND S CHARLES ST	Not Designated		361	AC	01/07/13	Diagonal Ave S CSO/SD
6TH AVE S BETWEEN S SPOKANE CR ST AND S SPOKANE SR ST	Minor Arterial	Industrial	54	AC/PCC	01/10/13	Diagonal Ave S CSO/SD
S ROXBURY ST BETWEEN 54TH W AVE S AND 54TH E AVE S	Collector Arterial	Local	66	PCC	01/17/13	Combined sewer basin
6TH AVE S BETWEEN S HORTON ST AND S HINDS ST	Minor Arterial	Industrial	250	AC/PCC	03/10/13	Diagonal Ave S CSO/SD
18TH AVE S BETWEEN S HOLGATE ST AND S PLUM ST	Not Designated		303	ST	03/25/13	Diagonal Ave S CSO/SD
W SEA BR EB 4 AV OFF RP BETWEEN WEST SEATTLE BR EB AND 4TH AVE S	Not Designated	Industrial	1459	AC	04/27/13	Diagonal Ave S CSO/SD
S HARDY ST BETWEEN 13TH AVE S AND STANLEY AVE S	Principal Arterial	Regional	545	AC	04/30/13	Combined sewer basin
5TH AVE S BETWEEN S WEBSTER ST AND S AUSTIN ST	Not Designated		260	AC	05/01/13	7th Ave S SD
CARKEEK DR S BETWEEN S HENDERSON ST AND 41ST AVE S	Collector Arterial	Local	102	AC/PCC	05/03/13	Norfolk Wet Pond
DUWAMISH RIVER TRL BETWEEN SPOKANE TURN RD AND DELRIDGE CONNCTR TRL	Not Designated	Industrial	365.58	AC	05/05/13	Combined sewer basin
DIAGONAL AVE S BETWEEN EAST MARGINAL WAY S AND DEAD END 1	Not Designated	Industrial	1445	AC	05/15/13	Diagonal Ave S CSO/SD
24TH AVE SW BETWEEN DELRIDGE WAY SW AND 25TH AVE SW	Not Designated	Regional	797	ST	05/22/13	Combined sewer basin
E JOHN ST BETWEEN 18TH AVE E AND 19TH AVE E	Not Designated	Commercial	342	PCC	05/24/13	Combined sewer basin
3RD AVE S BETWEEN S BENNETT ST AND S BRANDON ST	Not Designated		276	AC	06/06/13	Combined sewer basin
S LUCILE ST BETWEEN 5TH AVE S AND 6TH AVE S	Minor Arterial	Industrial	366	AC/PCC	06/07/13	Combined sewer basin
16TH AVE SW BETWEEN SW HOLLY ST AND SW MYRTLE ST	Minor Arterial	Commercial	1364	PCC	06/25/13	SW Idaho St SD

20TH AVE S BETWEEN S LANDER ST AND S MCCLELLAN ST Not Designated Local 304 PCC 06/26/13 Diagonal Ave S CSO/SD SW ROXBURY ST BETWEEN 24TH AVE SW AND 25TH AVE SW Principal Arterial Regional 332 AC/PCC 08/14/13 Combined sewer basin DUMAR WAY SW BETWEEN SW ORCHARD ST AND SW AUSTIN ST Principal Arterial Regional 1354 AC 08/23/13 Combined sewer basin Principal Arterial Ninor Arterial Commercial 17 PCC 08/23/13 Combined sewer basin Minor Arterial AC/PCC 08/23/13 Combined sewer basin Principal Arterial Industrial ARPORT WAY S BETWEEN S NEBRASKA ST AND S VALE ST Principal Arterial Principal Arterial Principal Arterial Regional 1354 AC 08/23/13 Combined sewer basin PCC 08/23/13 Combined sewer basin AC/PCC 08/23/13 Combined sewer basin PCC 08/23/13 Combined sewer basin PCC 08/23/13 PCC	Street Segment	Arterial	Street	Length	Surface	Date	Outfall
SW ROXBURY ST BETWEEN CHATH AVE SW AND 25TH AVE SW 25TH AVE		Description	Type	(ft)	Type		
DUMAN RAY SW BETWEEN SV ORCHARD ST AND SW AUSTIN ST	20TH AVE S BETWEEN S LANDER ST AND S MCCLELLAN ST	Not Designated	Local	304	PCC	06/26/13	Diagonal Ave S CSO/SD
SW ROXBURY ST BETWEEN STATA AVE SW AND DELRIDGE WAY SW	SW ROXBURY ST BETWEEN 24TH AVE SW AND 25TH AVE SW	Principal Arterial	Regional	332	AC/PCC	08/14/13	Combined sewer basin
ISTH AVE S BETWEEN S DAWSON ST AND S BENNETT ST	DUMAR WAY SW BETWEEN SW ORCHARD ST AND SW AUSTIN ST	Principal Arterial	Regional	1354	AC	08/23/13	Combined sewer basin
AIRPORT WAY'S BETWEEN S NEBRASKA ST AND S VALE ST	SW ROXBURY ST BETWEEN 15TH AVE SW AND DELRIDGE WAY SW	Principal Arterial	Mixed	279	PCC	08/23/13	Combined sewer basin
SWIFT AVE S BETWEEN S PLUM ST AND S (RAHAMST Principal Arterial Regional 2:19 AC/PCC 08/30/13 I-S D at Silp 4	15TH AVE S BETWEEN S DAWSON ST AND S BENNETT ST	Minor Arterial	Commercial	317	PCC	08/23/13	Combined sewer basin
25TH AVE S BETWEEN S PLUM ST AND S HILL ST Not Designated Industrial 117	AIRPORT WAY S BETWEEN S NEBRASKA ST AND S VALE ST	Principal Arterial	Industrial	138	AC/PCC	08/28/13	Combined sewer basin
SEDMINIOS ST BETWEEN DEAD END 1 AND AIRPORT WAY S Not Designated Industrial 587 AC 09/13/13 Diagonal Ave S CSO/SD RAINIER AVE S BETWEEN S CHARLES N ST AND S CHARLES ST Principal Anerial Industrial 117 AC/PCC 09/14/13 Diagonal Ave S CSO/SD 1 MRTLE ST BETWEEN DEAD END 2 AND RAINIER AVE S Not Designated 657 PCC 10/10/13 Combined sewer basin 1 THT AVE S BETWEEN S CHEGON ST AND S AND SW THISTLE ST Not Designated 667 PCC 10/10/13 Combined sewer basin WILSON AVE S BETWEEN S LUCILE ST AND SW THISTLE ST Not Designated Commercial 64 PCC 10/11/13 Combined sewer basin WILSON AVE S BETWEEN S LUCILE ST AND SW DAYES ST Not Designated 264 PCC 11/12/51 Combined sewer basin 18TH AVE SW BETWEEN S WAYERWEN STAND SW THAT ST Not Designated 264 PCC 11/12/13 Combined sewer basin 24TH AVE SW BETWEEN SW ANDOWER ST AND STAND SW THAT SW SW Collector Arterial Local 266 PCC 11/12/13 Combined sewer basin 24TH AVE S BETWEEN SCANDAMAN SW AND STAND SW AND	SWIFT AVE S BETWEEN 19TH ER AVE S AND S GRAHAM ST	Principal Arterial	Regional	219	AC/PCC	08/30/13	I-5 SD at Slip 4
RAINBER AVE S BETWEEN DEAD EAD 2 AND RAINER AVE S MYRTLE ST BETWEEN DEAD EAD CAND RAINER AVE S Not Designated Mixed 252 PCC 10/10/13 Combined sever basin 14/TH AVE SW BETWEEN SW REGON ST AND S SNOQUALMIE WST Not Designated Commercial 664 PCC 10/10/13 Clargonal Ave S CSO/SD 17/TH AVE SW BETWEEN SW ELMOROVE ST AND SW THISTLE ST Not Designated Commercial 664 PCC 10/10/13 Combined sever basin WILSON AVE S BETWEEN SUICLE ST AND SZAND S AVE S Minor Arterial Commercial 99 AC/PCC 10/25/13 Combined sever basin 18/TH AVE S BETWEEN SW ELLIGE ST AND SZAND S AVE S Minor Arterial Commercial 99 AC/PCC 10/25/13 Combined sever basin 18/TH AVE S BETWEEN SW ANDOVER ST AND S WAITE ST Not Designated Commercial 264 PCC 11/12/13 Combined sever basin 18/TH AVE S BETWEEN SW ANDOVER ST AND S WAITE ST Not Designated Commercial 266 PCC 11/12/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN SW ANDOVER ST AND S WAITE ST Not Designated Commercial 266 PCC 11/12/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN ST AND SW SAND S GRAHAM ST Not Designated Commercial 266 PCC 11/12/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN ST BETWEEN ST AND SW SW NOT DESIgnated Commercial 840 ST 11/25/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN ST BETWEEN ST AVE SW NOT DESIgnated Local 655 PCC 11/26/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN ST AVE SW AND 24/TH AVE S S NOT DESIgnated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN ST AVE SW AND 24/TH AVE S S NOT DESIgnated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN SCHICAGO ST AND S KENYON E ST Collector Arterial Local 322 AC 11/26/13 Diagonal Ave S CSO/SD 24/TH AVE S BETWEEN SCHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 Combined sever basin 24/TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 Th Ave S SD 24/TH AVE S BETWEEN S TAND SW MORGAN E ST NOT DESIgnated Industrial 260 AC 01/17/14 Combined sever basin 24/TH AVE S BETWEEN S WADSWORTH PL AND S IRVING ST NOT DESIgnated Industrial 160 PCC 04/13/14 Diagonal	25TH AVE S BETWEEN S PLUM ST AND S HILL ST	Not Designated	Local	360	ST	08/30/13	Diagonal Ave S CSO/SD
S MYRTLE ST BETWEEN DEAD END 2 AND RAINIER AVE S Not Designated Mixed 252 PCC 10/10/13 Combined sewer basin 1 4TH AVE S BETWEEN S OREGON ST AND S SNODLAMIE W ST Not Designated 667 PCC 10/10/13 Diagonal Ave S CSO/SD TTH AVE SW BETWEEN S W ELMIGROVE ST AND SW THISTLE ST Not Designated Commercial 654 PCC 10/11/13 Combined sewer basin WILSON AVE S BETWEEN S LUCILE ST AND 52ND S AVE S Minor Arterial Commercial 99 AC/PCC 10/25/13 Combined sewer basin 18TH AVE S BETWEEN S BETWEEN SW ANDOVER ST AND SW YANCY ST Not Designated 264 PCC 11/12/13 Diagonal Ave S CSO/SD 28TH AVE SW BETWEEN SW ANDOVER ST AND SW YANCY ST Not Designated Local 266 PCC 11/12/13 Combined sewer basin S MASSACHUSETTS ST BETWEEN 17TH AVE SA ND 18TH AVE S Collector Arterial Local 266 PCC 11/12/13 Diagonal Ave S CSO/SD SW NEVADA ST BETWEEN 28TH AVE SW AND 28TH AVE SW Not Designated Local 365 PCC 11/26/13 Losal Siph 4 SW NEVADA ST BETWEEN 28TH AVE SW AND 28TH AVE SW <td< td=""><td>S EDMUNDS ST BETWEEN DEAD END 1 AND AIRPORT WAY S</td><td>Not Designated</td><td>Industrial</td><td>587</td><td>AC</td><td>09/13/13</td><td>Diagonal Ave S CSO/SD</td></td<>	S EDMUNDS ST BETWEEN DEAD END 1 AND AIRPORT WAY S	Not Designated	Industrial	587	AC	09/13/13	Diagonal Ave S CSO/SD
14TH AVE S BETWEEN S OREGON ST AND S SNOQUALMIE W ST Not Designated Commercial 654 PCC 10/11/13 Combined sewer basin	RAINIER AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST	Principal Arterial	Industrial	117	AC/PCC	09/14/13	Diagonal Ave S CSO/SD
17TH AVE SW BETWEEN SW ELMGROVE ST AND SW THISTLE ST	S MYRTLE ST BETWEEN DEAD END 2 AND RAINIER AVE S	Not Designated	Mixed	252	PCC	10/10/13	Combined sewer basin
WILSON AVE S BETWEEN S LUCILE ST AND 52ND S AVE S Minor Arterial Commercial 99 AC/PCC 10/25/13 Combined sewer basin	14TH AVE S BETWEEN S OREGON ST AND S SNOQUALMIE W ST	Not Designated		657	PCC	10/10/13	Diagonal Ave S CSO/SD
18TH AVE S BETWEEN S BAYVIEW W ST AND S WAITE ST Not Designated 264 PCC 11/01/13 Diagonal Ave S CSO/SD 28TH AVE SW BETWEEN SW ANDOVER ST AND SW YANCY ST Not Designated 264 PCC 11/12/13 Combined sewer basin S MASSACHUSETTS ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 266 PCC 11/12/13 Diagonal Ave S CSO/SD 24TH AVE S BETWEEN S RAYMOND ST AND S GRAHAM ST Not Designated Commercial 840 ST 11/25/13 1-5 SD at Slip 4 SW NEVADA ST BETWEEN 28TH AVE SW AND 28TH AVE SW Not Designated Local 655 PCC 11/26/13 Combined sewer basin S COLLEGE ST BETWEEN 217H AVE SW AND 28TH AVE SW Not Designated Local 316 ST 11/26/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN ST MONGRAN W ST AND SW MORGAN E ST Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD STH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/14/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S MORGAN E ST Collec	17TH AVE SW BETWEEN SW ELMGROVE ST AND SW THISTLE ST	Not Designated	Commercial	654	PCC	10/11/13	Combined sewer basin
28TH AVE SW BETWEEN SW ANDOYER ST AND SW YANCY ST Not Designated 264 PCC 11/12/13 Combined sewer basin S MASSACHUSETTS ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 266 PCC 11/12/13 Diagonal Ave S CSO/SD 24TH AVE S BETWEEN S RAYMOND ST AND S GRAHAM ST Not Designated Local 655 PCC 11/26/13 Los Date S and Sile A SW NEVADA ST BETWEEN 26TH AVE SW Not Designated Local 655 PCC 11/26/13 Combined sewer basin S COLLEGE ST BETWEEN 28TH AVE SW Not Designated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN 28TH AVE SW Not Designated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN SW MORGAN BY ST AND SW MORGANES ST Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD SYLVAN WAY SW BETWEEN SW MORGAN W ST AND SW MORGANE ST Principal Arterial Regional 365 PCC 01/14/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial	WILSON AVE S BETWEEN S LUCILE ST AND 52ND S AVE S	Minor Arterial	Commercial	99	AC/PCC	10/25/13	Combined sewer basin
S MASSACHUSETTS TB ETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 266 PCC 11/22/13 Diagonal Ave S CSO/SD 24TH AVE S BETWEEN S RAYMOND ST AND S GRAHAM ST Not Designated Commercial 840 ST 11/25/13 I-5 SD at Slip 4 SW NEVADA ST BETWEEN SETH AVE SW AND 28TH AVE SW Not Designated Local 655 PCC 11/26/13 Combined sewer basin S HILL ST BETWEEN 23RD AVE S AND 24TH AVE S Not Designated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN S CHICAGO ST AND S MORGAN E ST Principal Arterial Local 322 AC 11/12/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 5TH AVE S BETWEEN S CANDLAGE ST ST	18TH AVE S BETWEEN S BAYVIEW W ST AND S WAITE ST	Not Designated		264	PCC	11/01/13	Diagonal Ave S CSO/SD
24TH AVE S BETWEEN S RAYMOND ST AND S GRAHAM ST Not Designated Commercial 840 ST 11/25/13 I-5 SD at Slip 4 SW NEVADA ST BETWEEN 26TH AVE SW AND 28TH AVE SW Not Designated Local 655 PCC 11/26/13 Combined sewer basin S COLLEGE ST BETWEEN 23TD AVE S AND 24TH AVE S Not Designated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD SYLVAN WAY SW BETWEEN S W MORGAN W ST AND SW MORGAN E ST Principal Arterial Regional 365 PCC 01/14/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 7TH PL S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 760 ST 03/07/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S LANDER ST AND S FOREST ST Not Designated Industrial 760 ST 03/07/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S AST MARGINA	28TH AVE SW BETWEEN SW ANDOVER ST AND SW YANCY ST	Not Designated		264	PCC	11/12/13	Combined sewer basin
SW NEVADA ST BETWEEN 26TH AVE SW AND 28TH AVE SW Not Designated Local 665 PCC 11/26/13 Combined sewer basin S HILLS TIBETWEEN 23RD AVE S AND 24TH AVE S Not Designated Local 316 ST 11/12/713 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD SYLVAN WAY SW BETWEEN SW MORGAN W ST AND SW MORGAN E ST Principal Arterial Regional 365 PCC 01/14/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 7TH PL S BETWEEN S CHICAGO ST AND S KENYON E ST Not Designated Industrial 760 ST 03/07/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Not Designated 11/26 PCC 04/15/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S CHARLES N ST AND S MAIN ST	S MASSACHUSETTS ST BETWEEN 17TH AVE S AND 18TH AVE S	Collector Arterial	Local	266	PCC	11/22/13	Diagonal Ave S CSO/SD
SHILL ST BETWEEN 23RD AVE S AND 24TH AVE S Not Designated Local 316 ST 11/27/13 Diagonal Ave S CSO/SD S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S Collector Arterial Local 322 AC 11/28/13 Diagonal Ave S CSO/SD SYLVAN WAY SW BETWEEN SW MORGAN W ST AND SW MORGAN E ST Principal Arterial Regional 365 PCC 01/14/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 5TH AVE S BETWEEN S LANDER ST AND S FOREST ST Not Designated Industrial 760 ST 03/07/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S LANDER ST AND S FOREST ST Not Designated 167 PCC 04/15/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S ANDSWORTH PL AND S IRVING ST Not Designated 157 PCC 04/15/14 Diagonal Ave S CSO/SD 8W GENESEE ST BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated	24TH AVE S BETWEEN S RAYMOND ST AND S GRAHAM ST	Not Designated	Commercial	840	ST	11/25/13	I-5 SD at Slip 4
S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S COllector Arterial Regional SETUAN WAY SW BETWEEN SW MORGAN W ST AND SW MORGAN E ST Principal Arterial Regional R	SW NEVADA ST BETWEEN 26TH AVE SW AND 28TH AVE SW	Not Designated	Local	655	PCC	11/26/13	Combined sewer basin
SYLVAN WAY SW BETWEEN SW MORGAN W ST AND SW MORGAN E ST Principal Arterial Regional 365 PCC 01/14/14 Combined sewer basin 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST COllector Arterial Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S CHICAGO ST AND S KENYON E ST COllector Arterial Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S LANDER ST AND S KENYON E ST COllector Arterial Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S LANDER ST AND S KENYON E ST COLLECTOR Arterial Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S LANDER ST AND S FOREST ST Not Designated Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S LANDER ST AND S FOREST ST Not Designated Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S LANDER ST AND S MYRTLE ST Not Designated Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S LANDER ST AND S MYRTLE ST Not Designated Industrial 260 AC 01/17/14 7th Ave S SD THAVE S BETWEEN S WASHINGTON ST AND S MYRTLE ST Not Designated Industrial 166 PCC 04/13/14 Combined sewer basin THAVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional 166 PCC 04/16/14 Combined sewer basin THAVE S BETWEEN S BATEMAN ST AND S MAIN ST Not Designated Regional 166 PCC 04/30/14 Combined sewer basin THAVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/17/14 Combined sewer basin THAVE S BETWEEN S BATEMAN ST AND S CHARLES ST Not Designated Commercial 268 PCC 05/17/14 Combined sewer basin THAVE S BETWEEN S CHARLES N ST AND S CHARLES ST Principal Arterial Industrial Industrial 117 AC/PCC 05/16/14 Diagonal Ave S CSO/SD TAUNTLEROY WAY SW BETWEEN S CHARLES N ST AND S CHARLES ST Principal Arterial Industrial 117 AC/PCC 06/15/14 Diagonal Ave S CSO/SD TAUNTLEROY WAY SW BETWEEN ST AND S THAVE SW Principal Arterial Regional 148 PCC 06/28/14 Combined sewer basin THAVE S BETWEEN S HARDY ST AND ST AND S CHARLES ST Principal Arterial Regional 148 PCC 06/15/14 Diagonal Ave S CSO/SD THAVE S BETWEEN S HARDY ST AND S STAND S CHARLES ST Princip	S HILL ST BETWEEN 23RD AVE S AND 24TH AVE S	Not Designated	Local	316	ST	11/27/13	Diagonal Ave S CSO/SD
5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 7TH PL S BETWEEN S LANDER ST AND S FOREST ST Not Designated Industrial 760 ST 03/07/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN EN EAST MARGINAL WAY S AND S MYRTLE ST Not Designated 116 PCC 04/15/14 Diagonal Ave S CSO/SD 8W GENESEE ST BETWEEN S WADSWORTH PL AND S IRVING ST Not Designated 157 PCC 04/15/14 Diagonal Ave S CSO/SD 8W GENESEE ST BETWEEN 30TH AVE SW AND 31ST AVE SW Collector Arterial Local 323 PCC 04/16/14 Combined sewer basin 18TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated 8 Regional 146 PCC 04/30/14 Combined sewer basin 18TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional 146 PCC 04/30/14 Combined sewer basin 14TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin 14TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin 14TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Commercial 268 PCC 05/19/14 Combined sewer basin 14TH AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Principal Arterial Industrial 117 AC/PCC 05/20/14 Diagonal Ave S CSO/SD 14TH AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Principal Arterial Industrial 117 AC/PCC 06/28/14 Diagonal Ave S CSO/SD 14TH AVE S BETWEEN 19TH AVE AND 20TH AVE SW Principal Arterial Regional 418 PCC 06/28/14 Combined sewer basin 14TH AVE AND 20TH AVE SW AND 39TH AVE SW Principal Arterial Regional 234 AC/PCC 07/24/14 Diagonal Ave S CSO/SD 15TH AVE S BETWEEN S HARDY ST AND 13TH AVE S SAND 20TH AVE SW Principal Arterial Regional 234 AC/PCC 07/24/14 Diagonal Ave S CSO/SD 15TH AVE S BETWEEN S HINDS ST AND 2 SPOKANE ST Not Designated Commercial 534 AC/PCC 09/30/14 Diagonal Ave S CSO/SD 15TH AVE S BETWEEN S HINDS ST AND 2 SPOKANE ST	S COLLEGE ST BETWEEN 17TH AVE S AND 18TH AVE S	Collector Arterial	Local	322	AC	11/28/13	Diagonal Ave S CSO/SD
5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST Collector Arterial Industrial 260 AC 01/17/14 7th Ave S SD 7TH PL S BETWEEN S LANDER ST AND S FOREST ST Not Designated Industrial 760 ST 03/07/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN S MARGINAL WAY S AND S MYRTLE ST Not Designated 146 PCC 04/13/14 Combined sewer basin 24TH AVE S BETWEEN S WADSWORTH PL AND S IRVING ST Not Designated 157 PCC 04/15/14 Diagonal Ave S CSO/SD 8W GENESSEE ST BETWEEN 30TH AVE SW AND 31ST AVE SW Collector Arterial Local 323 PCC 04/16/14 Combined sewer basin 18TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional 146 PCC 04/28/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN EAST MARGINAL WAY S AND S MYRTLE ST Not Designated Regional 146 PCC 04/30/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin RAINIER AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Princi	SYLVAN WAY SW BETWEEN SW MORGAN W ST AND SW MORGAN E ST	Principal Arterial	Regional	365	PCC	01/14/14	Combined sewer basin
TH PL S BETWEEN S LANDER ST AND S FOREST ST Not Designated Not Designated 146 PCC 147 O4/13/14 Combined sewer basin 147 PCC 14	5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST	Collector Arterial	Industrial	260	AC	01/17/14	7th Ave S SD
8TH AVE S BETWEEN EAST MARGINAL WAY S AND S MYRTLE ST Not Designated 146 PCC 04/13/14 Combined sewer basin 24TH AVE S BETWEEN S WADSWORTH PL AND S IRVING ST Not Designated 157 PCC 04/15/14 Diagonal Ave S CSO/SD SW GENESEE ST BETWEEN 30TH AVE SW AND 31ST AVE SW Collector Arterial Local 323 PCC 04/16/14 Combined sewer basin 8TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional 146 PCC 04/30/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN EAST MARGINAL WAY S AND S MYRTLE ST Not Designated Regional 146 PCC 04/30/14 Combined sewer basin 4TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/17/14 Combined sewer basin 4TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin 4TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin 4TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin 117 AC/PCC 05/20/14 Diagonal Ave S CSO/SD RAINIER AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Principal Arterial Industrial 117 AC/PCC 06/15/14 Diagonal Ave S CSO/SD FAUNTLEROY WAY SW BETWEEN 38TH AVE SW AND 39TH AVE SW Principal Arterial Regional 418 PCC 06/28/14 Combined sewer basin E YESLER WAY BETWEEN 19TH AVE AND 20TH AVE Minor Arterial Regional 234 AC/PCC 07/08/14 Diagonal Ave S CSO/SD SALBRO PL BETWEEN S HARDY ST AND 13TH AVE S Principal Arterial Regional AVE S BETWEEN S HINDS ST AND S SPOKANE ST Minor Arterial Commercial 552 PCC 07/21/14 Diagonal Ave S CSO/SD	5TH AVE S BETWEEN S CHICAGO ST AND S KENYON E ST	Collector Arterial	Industrial	260	AC	01/17/14	7th Ave S SD
24TH AVE S BETWEEN S WADSWORTH PL AND S IRVING ST Not Designated Collector Arterial Local 323 PCC 04/16/14 Combined sewer basin 18TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional AC 04/28/14 Diagonal Ave S CSO/SD 8TH AVE S BETWEEN EAST MARGINAL WAY S AND S MYRTLE ST Not Designated Regional ATH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/17/14 Combined sewer basin ATH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin AC/PCC 05/19/14 Combined sewer basin AC/PCC 05/19/14 Diagonal Ave S CSO/SD AC AC 04/28/14 Diagonal Ave S CSO/SD AC 04/30/14 Diagonal Ave S CSO/SD AC 05/17/14 Combined sewer basin AC/PCC 05/19/14 Diagonal Ave S CSO/SD AC AC/PCC 05/19/14 Diagonal Ave S CSO/SD AC AC/PCC 05/19/14 Diagonal Ave S CSO/SD	7TH PL S BETWEEN S LANDER ST AND S FOREST ST	Not Designated	Industrial	760	ST	03/07/14	Diagonal Ave S CSO/SD
SW GENESEE ST BETWEEN 30TH AVE SW AND 31ST AVE SW Collector Arterial Local 323 PCC 04/16/14 Combined sewer basin 18TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional 446 PCC 04/30/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/17/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/17/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Commercial 268 PCC 05/19/14 Combined sewer basin RAINIER AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Principal Arterial Industrial 117 AC/PCC 05/20/14 Diagonal Ave S CSO/SD RAINIER AVE S BETWEEN 38TH AVE SW AND 39TH AVE SW Principal Arterial Regional 418 PCC 06/28/14 Combined sewer basin 117 AC/PCC 06/28/14 Combined sewer basin RAINIER AVE SWAY SW BETWEEN 38TH AVE SW AND 39TH AVE SW Principal Arterial Regional 418 PCC 06/28/14 Combined sewer basin E YESLER WAY BETWEEN 19TH AVE AND 20TH AVE Minor Arterial Regional 322 AC/PCC 07/08/14 Diagonal Ave S CSO/SD S ALBRO PL BETWEEN S HARDY ST AND 13TH AVE S Principal Arterial Regional 324 AC/PCC 07/24/14 Combined sewer basin Minor Arterial Regional 325 PCC 07/24/14 Diagonal Ave S CSO/SD 15TH AVE S BETWEEN S HINDS ST AND S SPOKANE ST Minor Arterial Commercial 534 AC/PCC 09/30/14 Diagonal Ave S CSO/SD	8TH AVE S BETWEEN EAST MARGINAL WAY S AND S MYRTLE ST	Not Designated		146	PCC	04/13/14	Combined sewer basin
18TH AVE S BETWEEN S WASHINGTON ST AND S MAIN ST Not Designated Regional 146 PCC 04/30/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/17/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Mixed 268 PCC 05/19/14 Combined sewer basin 44TH AVE S BETWEEN S BATEMAN ST AND S GRAHAM ST Not Designated Commercial 268 PCC 05/19/14 Combined sewer basin 44TH AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Principal Arterial Industrial 117 AC/PCC 05/20/14 Diagonal Ave S CSO/SD RAINIER AVE S BETWEEN S CHARLES N ST AND S CHARLES S ST Principal Arterial Industrial 117 AC/PCC 06/15/14 Diagonal Ave S CSO/SD FAUNTLEROY WAY SW BETWEEN 38TH AVE SW AND 39TH AVE SW Principal Arterial Regional 418 PCC 06/28/14 Combined sewer basin E YESLER WAY BETWEEN 19TH AVE AND 20TH AVE Minor Arterial Commercial 322 AC/PCC 07/08/14 Diagonal Ave S CSO/SD S ALBRO PL BETWEEN S HARDY ST AND 13TH AVE S Principal Arterial Regional 324 AC/PCC 07/27/14 Diagonal Ave S CSO/SD 15TH AVE S BETWEEN S HINDS ST AND S SPOKANE ST Minor Arterial Commercial 534 AC/PCC 09/30/14 Diagonal Ave S CSO/SD	24TH AVE S BETWEEN S WADSWORTH PL AND S IRVING ST	Not Designated		157	PCC	04/15/14	Diagonal Ave S CSO/SD
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	S JUDKINS ST BETWEEN 24TH N AVE S AND 26TH W AVE S	Not Designated		552	PCC	07/27/14	Diagonal Ave S CSO/SD
41ST AVE SW BETWEEN SW ALASKA ST AND SW EDMUNDS ST Not Designated Mixed 650 PCC 10/03/14 Combined sewer basin	15TH AVE S BETWEEN S HINDS ST AND S SPOKANE ST	Minor Arterial	Commercial	534	AC/PCC	09/30/14	Diagonal Ave S CSO/SD
	41ST AVE SW BETWEEN SW ALASKA ST AND SW EDMUNDS ST	Not Designated	Mixed	650	PCC	10/03/14	Combined sewer basin

Table H-1: SDOT paving projects in the Lower Duwamish Waterway (2008-2014).

Street Segment	Arterial Description	Street Type	Length (ft)	Surface Type	Date	Outfall
SW FINDLAY ST BETWEEN 25TH AVE SW AND 26TH AVE SW	Not Designated		305	ST	10/17/14	Combined sewer basin
BEACON AVE S BETWEEN BEACON WR N AVE S AND BEACON ER AVE S	Minor Arterial	Commercial	3343	AC/PCC	11/09/14	Diagonal Ave S CSO/SD
BEACON WR AVE S BETWEEN S ORCAS ST AND S JUNEAU ST	Minor Arterial	Commercial	361	PCC	11/18/14	Combined sewer basin
6TH AVE S BETWEEN S HORTON ST AND S HINDS ST	Minor Arterial	Industrial	250	AC/PCC	12/12/14	Diagonal Ave S CSO/SD

AC = asphalt concrete PCC = Portland cement concrete ST = chip seal

APPENDIX I POLLUTION GENERATING ACTIVITIES DEFINED BY CITY CODE

POLLUTION GENERATING ACTIVITIES DEFINED BY CITY CODE

BMP Number	BMP Description
1	Eliminate illicit connections to storm drains
2	Perform routine maintenance for drainage system
3	Properly dispose fluids and wastes
4	Proper storage of solid waste
5	Spill prevention and cleanup
6	Staff training and oversight
7	Cleaning or washing of tools, engines, and manufacturing equipment
8	Cleaning or washing of food service establishment equipment
9	Washing, pressure washing, and steam cleaning of vehicles, equipment, and building structures
10	Collection and disposal of wastewater from mobile interior washing operations
11	Loading or unloading of liquid or solid material
12	Fueling at dedicated stations
13	Automotive repair and maintenance
14	Mobile fueling of vehicles and heavy equipment
15	Concrete and asphalt mixing and production at stationary sites
16	Concrete pouring, concrete/asphalt cutting, and asphalt production
17	Manufacturing and post-processing of metal products
18	Wood treatment
19	Commercial composting
20	Landscaping and lawn and vegetation management
21	Painting, finishing, and coating of vehicles, boats, buildings, and equipment
22	Commercial printing operations
23	Outdoor manufacturing operations
24	Outdoor storage or transfer of solid raw materials, byproducts, or finished products
25	Storage and treatment of contaminated soil
26	Temporary storage or processing of fruits or vegetables
27	Recycling, wrecking yard, and scrap yard operations
28	Outdoor portable container storage
29	Storage of liquids in permanent aboveground tanks
30	Parking lot maintenance and storage of vehicles and equipment
31	Dust control in disturbed land areas and on unpaved roadways and parking lots
32	Dust control at manufacturing sites
33	Soil erosion and sediment control at industrial sites
34	Commercial animal care and handling
35	Log sorting and handling
36	Boat building, mooring, maintenance, and repair
37	Logging and tree removal
38	Mining and quarrying of sand, gravel, rock, peat, clay, and other materials
39	Cleaning and maintenance of swimming pools and spas
40	Deicing and anti-icing operations for airports and streets
41	Maintenance and management of roof and building drains at manufacturing and commercial buildings
42	Maintenance and operations of railroad yards
43	Maintenance of public and private utility corridors and facilities
44	Maintenance of roadside ditches

APPENDIX J Drainage Basin Prioritization

Appendix J: Basin Prioritization

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Appendix J describes how the City prioritized drainage basins and work activities to be conducted over the next 5 years as part of Seattle's Source Control Implementation Plan to support LDW cleanup actions. The City used multiple lines of evidence to prioritize drainage basins/systems so that future activities could be focused on the most critical areas. There are no hard and fast rules for prioritizing basins. Instead, the City used fairly simple criteria to establish priorities recognizing that things often change as a result of sampling results (a new problem area can be identified at any time), business inspections, water quality complaints, spills, and other drivers.

1. OVERVIEW OF PRIORITIZATION PROCESS

The prioritization process is summarized in Figure J-1. It utilizes two key data sets, storm drain solids samples collected by the City and waterway sediment data compiled for the LDW Feasibility Study (AECOM 2012a, available on the Lower Duwamish Waterway Group's website: http://www.ldwg.org/rifs docs9.htm#finalfs). Prioritization focuses on identifying discharges that could contribute to exceedances of the RALs for contaminants of concern identified in waterway sediment. The following three basic steps were used in the process:

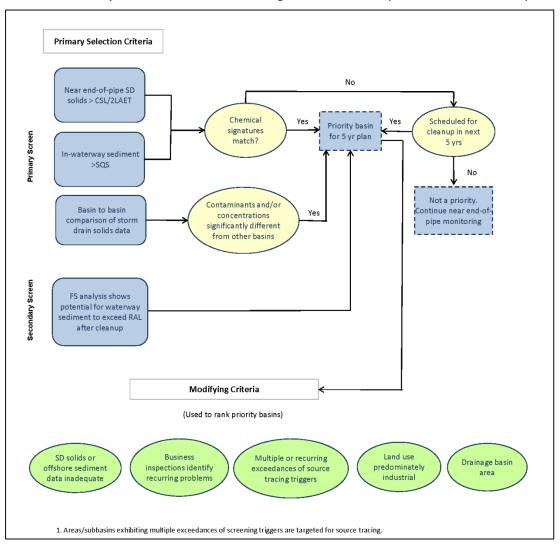


Figure J-1: Basin prioritization process.

- Primary screen. Storm drains were first screened based on storm drain solids to offshore sediment and storm drain to storm drain comparisons. The solids to sediment screening was performed to identify where elevated levels of contaminants were found in both offshore sediment in the vicinity of the outfall and storm drain solids samples collected from near the end of pipe or point of discharge to the waterway. When matches were found, the basins were identified as a source control priority. Methods used in this analysis are described in more detail in Section 3. Storm drain to storm drain comparisons were conducted to assess whether one storm drain exhibited a different contaminant signature than other drains in the LDW. Differences in either the contaminants present or the levels of contaminants present can indicate the presence of a unique source(s) in that basin. Systems that exhibited higher concentrations of chemicals than other drains in the LDW were flagged as priorities regardless of whether the chemicals exceeded the CSL/2LAET trigger.
- <u>Secondary screen</u>. A secondary screen was conducted to capture other relevant criteria such as results of the sediment transport/bed composition model (ST/BCM) that was developed during the Feasibility Study to assess recontamination potential (see Appendix J of the Feasibility Study, AECOM 2012b) and the cleanup schedule which will drive priorities in the future.
- Ranking. Basins that are identified as priority basins based on the primary and secondary screening process are informally ranked based on the following modifying criteria:
 - Knowledge of ongoing sources and pollution-generating activities in each drainage basin that has been gained through the business inspection program.
 - Drainage basin size, which provides an indication of pollutant loading potential.
 - Multiple and recurring exceedances of the primary screen source tracing triggers for COCs identified in waterway sediment, which indicates need for additional source tracing.
 - Land use characteristics such as percentage of industrial use in the basin.

The informal rankings are used to help schedule source control activities.

2. STORM DRAIN SOLIDS DATA

The City has collected 1,110 samples of storm drain solids from 31 drainage systems in the LDW. As shown on Map J-1, these samples are geographically distributed throughout the drainage basins that discharge to the LDW. From a source perspective, these data form the City's basis of understanding of the types and levels of pollutants that could affect waterway sediment after cleanup.

The potential for stormwater discharges to affect the quality of offshore sediments is a function of a number of criteria, including chemical concentrations in the storm drain solids, drainage basin area, and volume of stormwater discharged, as well as the physical conditions offshore of the outfall. Storm drain solids chemistry varies and certain chemicals are more of a concern than others. Based on data collected to date, chemical parameters can be broken into the following three general categories:

a. Chemicals that rarely exceed the SCO/LAET screening levels. Because the Remedial Action Levels (RAL) established for most chemicals in the LDW are based on the SCO, chemicals that fall into this category are very unlikely to cause waterway sediment to exceed the RALs following cleanup. Chemicals found in storm drain

solids that fall into this category include arsenic, copper, lead, mercury, LPAH, and HPAH. These chemicals are below the SCO/LAET screening levels in 88-98 percent of the samples collected to date. However, there are a few individual drains where some of these chemicals are still considered a concern, because concentrations are significantly different than in other storm drains. These exceptions are described in Section c.a.

- b. Chemicals that exceed the SCO/LAET screening levels, but rarely exceed the CSL/2LAET screening levels. Chemicals that fall into this category are also believed to have a relatively low likelihood of causing waterway sediment to exceed the RALs after cleanup because storm drain discharges rapidly disperse and mix with suspended sediment and bedded sediment within the waterway. One possible exception is offshore of large outfalls where storm drain solids could accumulate in quantities sufficient enough to affect sediment quality. Zinc, PCBs, and most phthalates, which exceed the SCO/LAET screening levels in 40-50 percent, but are below the CSL/2LAET in 76-96 percent of the samples collected to date, fall into this category.
- c. Chemicals that frequently exceed the CSL/2LAET screening levels. These chemicals are considered to have a greater chance of causing waterway sediment to exceed the RALs. BEHP is the only chemical that falls into this category. It exceeded the CSL/2LAET screening level in 65 percent of the storm drain solids samples collected to date.

TPH results are currently being evaluated using the MTCA Method A soil cleanup level for unrestricted use (2,000 mg/kg). Although approximately 49 percent of the samples collected from the City-owned drainage system exceeded MTCA Method A, which would make TPH a Category 2 chemical, SPU recently conducted testing on material for another project and learned that natural organic matter (e.g., leaves, sticks, fir needles) can interfere with TPH analysis, resulting in unusually high results. This problem can be corrected by running an acid silica gel cleanup on the sample prior to analysis. In five samples collected in 2016, TPH-diesel results in non-cleaned samples were 2.5 to nearly 35 times higher than the samples that were prepared using the acid silica gel cleanup. Because many of the catch basin samples contain high levels of total organic carbon (TOC), the TPH results may be over reported. In the 215 catch basin samples collected as of June 2014, TOC ranged from 0.4 to 26 percent, with an average of 8 percent. SPU recently changed testing methods; all samples are now standardly processed using the acid silica gel cleanup step to provide more accurate TPH results. Select samples are being analyzed both with and without the cleanup step to determine whether an adjustment factor can be developed to aid in interpreting the previous sample results.

2.1. **NEAR END-OF-PIPE SAMPLES**

As mentioned above, inline samples collected near the end of each drainage system were used in the prioritization process. The City considers these samples to be representative of what is discharged to the LDW from City storm drains, because they capture a composite of the material discharged throughout the basin. Other samples, such as catch basin samples and inline samples located farther upstream in the system represent conditions in specific locations or sub-basins within the larger drainage basin and are not necessarily representative of what is discharged to the waterway. For example, catch basin samples represent contributions from very small areas (usually less than 10,000 square feet) and screening level exceedances in these samples is not expected to affect offshore sediment. Consequently, near-end-of-pipe inline grabs and traps were selected as most representative. The near end-of-pipe samples selected for this analysis are listed in

Error! Reference source not found. and shown on Maps J-2 and J-3. Chemicals xceeding the CSL/2LAET are summarized in Table J-13.

Table J- 1: Near end-of-pipe inline samples used in the prioritization process.

Outfall	Near end-of-pipe inline station(s)
S Nevada St SD	MH206
Diagonal Ave S CSO/SD	ST-1
S River St SD	MH211
S Brighton St SD	MH222
I-5 SD at Slip 4	RCB-D071041
	RCB-D071039
	MH32
	SL4-T6
Georgetown SD	MH23
16th Ave S SD, east	MH203
	MH201
Norfolk CSO/PS17 EOF/SD	NST2
	NST5
I-5 SD at S Ryan St	MH215
SW Dakota St SD	RCB200a
SW Idaho St SD	ID-ST2
SW Kenny St SD/T115 CSO	KN-ST1
Highland Park Wy SW SD	HP-ST4
	HP-ST6
1st Ave S SD, west	1st-ST1
	1st-ST2
7th Ave S SD	7th-ST1
S 96th St SD	96-ST1, 96-ST2
Duwamish substation SD#2 ^a	DS-CB-H1ª
Duwamish substation SD#3a	DS-CB-I3ª

a. Due to small size of drainage basins, catch basin samples assumed to be representative of inline solids.

2.2. Basin to Basin Comparisons

Storm drain solids data were compiled by outfall and data summarized in the form of box plots to facilitate comparisons between basins. Box plots are provided in Appendix B. A visual review of each box plot was performed to identify obvious differences between drains. Varying levels of differences were noted. However, storm drains where the median concentration of a chemical in one storm drain was considerably higher than at the others in the LDW were prioritized because these differences suggest a higher level of source contributions in these systems. Table J- 2 lists the storm drains that exhibited higher concentrations than other drains in the LDW. For this analysis, differences were noted when the median concentration was greater than 2 times the median of the median concentrations measured at other outfalls.

Table J- 2: Storm drains exhibiting elevated levels of chemicals compared to other outfalls in the LDW.

Drain	Median 2 times greater than other outfalls
S Nevada St SD	Pb, Hg, LPAH
1st Ave S SD (east)	Cu
S River St SD	PCBs
S Myrtle St SD	As, Cu, Pb, Hg, Zn, PCBs, LPAH, BEHP, BBP, DMP, TPH-oil
S Garden St SD	As, Cu, Pb, Hg, Zn, PCBs, LPAH, BEHP, BBP, DMP, TPH-oil
Georgetown SD	PCBs, LPAH, HPAH, BEHP, BBP, DMP, TPH-oil
Norfolk CSO/EOF/SD	TPH-oil
SW Dakota St SD	ВВР
SW Idaho St SD	As
SW Kenny St SD/T115 CSO	As
7 th Ave S SD	DMP, TPH-oil

 $\mathsf{BEHP} = \mathsf{bis}(2\text{-}\mathsf{ethylhexyl})\mathsf{phthalate},$

BBP = butylbenzylphthalate

DMP = dimethylphthalate

3. IN-WATERWAY SEDIMENT DATA

Available waterway sediment data were reviewed to identify locations where elevated levels of contaminants are present in sediment near outfalls. This type of analysis does not indicate causality, but can be used to focus source control activities on those outfalls and chemicals with actual potential for recontamination above the sediment RALs. Samples collected within 200 feet of the outfalls were used in the analysis and are shown on Maps J-2 and J-3. Samples used in the analysis are provided in Table J-14.

3.1. Ecology Outfall Study

In 2011, Ecology collected 162 samples offshore of 75 outfalls in the LDW to characterize the quality of surface sediment in areas where no data previously existed (SAIC 2011). In most cases, these samples represent relatively small drainage systems (i.e., less than about 100 acres). Where possible, three samples were collected offshore of each outfall, one upriver, one downriver, and one directly across from the outfall. Sampling locations are shown on Map J-2. Samples were analyzed for TOC, metals, SVOC, and PCBs. As shown in **Error! Reference source not found.**, although a number of chemicals were frequently etected in sediment offshore of the outfalls, concentrations rarely exceeded the SMS. Benzyl alcohol exhibited the most frequent exceedances of the SMS in sediment offshore of the outfalls (65 percent). Benzyl alcohol occurs naturally in some plants and is also derived synthetically for use as a food preservative and in the manufacture of various cosmetics, dyes, plastics, and insect repellents. Benzyl alcohol was detected in less than five percent of the storm drain solids samples collected from the MS4.

Table J- 3: SMS exceedances in offshore sediment samples collected by Ecology (SAIC 2011).

Chemical	No. of samples	Percent detected	No. greater than LAET/SCO and less than 2LAET/CSL	No. greater than 2LAET/CSL
Arsenic	148	94	4	0
Mercury	137	86	1	1
Zinc	157	100	3	2
Acenaphthene	162	51	2	1
Anthracene	162	73	1	0
Fluorene	162	59	1	1
Phenanthrene	162	93	2	1
LPAH	162	93	1	1
Benzo(a)anthracene	162	89	1	0
Benzo(g,h,i)perylene	162	88	0	1
Chrysene	162	95	1	0
Dibenzo(a,h)anthracene	162	83	0	1
Fluoranthene	162	97	2	0
Indeno(1,2,3-c,d)pyrene	162	86	0	1
HPAH	162	98	2	0
Dibenzofuran	162	51	3	0
2,4-Dimethylphenol	161	27	0	1
4-Methylphenol	162	69	0	1
Phenol	162	80	1	0
Bis(2-ethylhexyl)phthalate	162	69	3	3
Butyl benzyl phthalate	162	93	6	0
Dimethyl phthalate	162	35	0	1
Benzoic acid	162	78	0	5
Benzyl alcohol	162	90	105	94
1,4-Dichlorobenzene	162	7	2	0
Hexachlorobenzene	162	3	3	0

Reference: SAIC (2011).

Forty-eight (48) of the 162 sediment samples are located within 200 feet of an outfall that discharges runoff and/or wastewater from the City MS4 (Map J-2). In addition to benzyl alcohol, chemicals that exceeded SMS at these locations included mercury, zinc, benzoic acid, BEHP, butyl benzyl phthalate, dibenzofuran, hexachlorobenzene, and PCBs (Table J-4).

Table J-4: SMS exceedances in surface sediment within 200 feet of City outfalls (SAIC 2011).

Outfall	In-waterway sample ^a	Approx. distance from outfall (ft)	Chemicals ≥LAET/SCO and ≤2LAET/CSL	Chemicals >2LAET/CSL
Head of Slip 2 SD	SS2019-A	50		Benzyl alcohol
	EIT079	30	PCBs	
S Brighton St SD	SSBRSTSD-A		Hexachlorobenzene	Benzyl alcohol
	SSBRSTSD-D			Benzyl alcohol
	SSBRSTSD-U			Benzyl alcohol
1 st Ave S SD, east	SS2503-A	140		

Outfall	In-waterway sample ^a	Approx. distance from outfall (ft)	Chemicals ≥LAET/SCO and ≤2LAET/CSL	Chemicals >2LAET/CSL
S River St SD	SSRVSTSD-A	35	Benzyl alcohol	
	SSRVSTSD-D	40		Benzyl alcohol
S Myrtle St SD	SS2027-A	25	Mercury, zinc, butyl benzyl phthalate, PCBs	Benzoic acid, benzyl alcohol, BEHP
	SS2030-U ^b	120	Hexachlorobenzene	Zinc, benzyl alcohol, benzoic acid
	SS2030-Ab	180		Benzyl alcohol
	SS2032-A ^b	175		Benzyl alcohol
S Garden St SD	SS2035-A	60		Benzyl alcohol
	SS2035-D	50		Benzyl alcohol
	SS2035-U	50	Acenaphthene, dibenzofuran	Benzyl alcohol
Norfolk CSO/PS17 EOF/SD	SS2093-D	110		
SW Dakota St SD	SS2149-A	20	Zinc, BBP, BEHP, PCBs	Benzyl alcohol
SW Idaho St SD	SS2146-A	80		
	SS2144-A	90		
	SS2147-D	65		
1st Ave S SD (west)	SS2512-A	130	BBP	
	SS2512-U	90		
7 th Ave S SD	SS2112-A	50	BBP, BEHP, PCBs, hexachlorobutadiene	Mercury, benzyl alcohol
Duwamish Substation SD #1	SS2098-A	45		
	SS2098-D	50		
	SS2098-U	50		
Duwamish Substation SD#2	SS2099-A	40		
	SS2099-D	50		Benzyl alcohol
W Marginal Pl SW SD	SS2200-A	80		Benzyl alcohol
	SS2200-D	90		Benzyl alcohol

Reference: SAIC (2011)

a. Directly opposite outfall (-A), Downstream of outfall (-U), Upstream of outfall (-U).

3.2. LDW REMEDIAL INVESTIGATION/FEASIBILITY STUDY SURFACE SEDIMENT

Sediment sampling conducted for the LDW remedial investigation/feasibility study did not necessarily target locations offshore of outfalls; however, a number of surface sediment samples were collected in the vicinity of some outfalls, particularly the larger drainage systems (e.g., greater than 100 acres). Waterway sediment samples located within 200 feet of an outfall that discharges stormwater and/or wastewater from the City MS4 are shown on Map J-3 and listed in Table J-14. Table J-5 lists the SMS exceedances for surface sediment samples collected within 200 feet of an outfall (AECOM 2012a). In areas where early action cleanups have occurred (e.g., Diagonal/Duwamish, Norfolk, and Slip 4 early action areas), only the post-cleanup sampling results are included to better match the time

Sampling stations target other nearby outfalls, but are located within 200 feet of the S Myrtle St outfall.

period over which source samples have been collected. The Boeing Company completed an Early Action Area Cleanup at Plant 2 in 2012-2014. However, because post-cleanup data are not yet available, this analysis utilizes samples collected prior to cleanup.

Table J-5: SMS exceedances in surface sediment within 200 feet of City outfalls from LDW RI/FS data base.

Outfall	In- waterway samples ^b	Approx. distance from outfall (feet)	Direction from outfall	Chemicals ≥SCO and ≤CSL	Chemicals >CSL
Diagonal Ave S CSO/SD ^a	DUD_1A	100	Opposite	PCBs ^d , BEHP, BBP, DMP ^d , fluoranthene ^d , benzoic acid ^d	BEHP,DMP, 1,4- dichlorobenzene
	DUD_2A	170	Up	PCBs ^e , BEHP, BBP	BEHP, phenol
Head of Slip 2	EIT079	30	Down	PCBs	
1 st Ave S SD (east)	LDW-SS71	160	Opposite	PCBs	
S River St SD	LDW-SS329	170	Down	PCBs	
S Brighton St SD	DR112	140	Down	Fluoranthene	
S Garden St SD	DR119	120	Up	PCBs	
I-5 SD at Slip4, Georgetown SD, NBF SD, KCIA SD#3/PS44 EOF/SD ^j	WC-1	70	Down	BEHP, butylbenzyl phthalate, PCBs, and zinc	Benzyl alcohol, BEHP
16 th Ave S SD (east)	SD-DUW24	40	Opposite	PCBs	
	SS-DUW08	125	Opposite	PCBs	
	SD-04108	180	Up	Zinc	PCBs
	SD-04107	175	Up		PCBs
	SD-04109	200	Up	Benzo(g,h,i)perylene, chrysene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene, HPAH	PCBs
	SW-DUW33	190	Up		PCBs
	SD-DUW34	190	Up		PCBs
	SD-DUW60	200	Down	PCBs	
KCIA SD#2/PS 78 EOF	R23	30	Opposite	BBP, PAH ^I , PCBs	BEHP, PAH ^m
	LDW-SS157	40	Opposite	BBP	Benzoic acid
	LDW-SS115	45	Opposite	Chrysene, dibenzo(a,h)anthracene, fluoranthene, phenanthrene, HPAH	
	EST148	70	Opposite	PCBs	
	R22			Arsenic, BEHP, PAH ⁿ	Benzo(g,h,i)perylene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)perylene
	LDW-SS158	110	Opposite	PCBs	

Outfall	In- waterway samples ^b	Approx. distance from outfall (feet)	Direction from outfall	Chemicals ≥SCO and ≤CSL	Chemicals >CSL
	EST147	170	Down	PCBs	
	EST162	190	Down	PCBs	
KCIA SD#2/PS 78 EOF	LDW-SS114	180	Down	BEHP, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, PCBs	Arsenic
	R26	190	Up	BBP, PCBs	
	EIT060	190	Up	PCBs	
KCIA SD#1	SB-1	140	Opposite	Benzo(g,h,i)perylene, BEHP, indeno (1,2,3- cd)pyrene, dibenz(a,h)anthracene, fluoranthene	
	SB-3	90	Opposite	BEHP, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene	phenol
	SB-4	170	Down	BEHP, dibenz(a,h)anthracene,	Benzoic acid, phenol,
Norfolk CSO/PS 17/EOF/SD ^c	NFK501 ^h	40-70	Opposite	BBP ^h , PCBs ^h	
	NFK502i	90	Opposite	PCBs ⁱ	
	NFK503	90	Down	PCBs	PCBs
	NFK504			BBP, BEHP, fluoranthene, PCBs	
	NFK006	160	Up	Dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, phenanthrene	
	NFK507	120	Down	BBP	BEHP, PCBs
	NFK508	110	Down		PCBs
	4	130	Down		PCBs
	5	120	Down	PCBs	
	6	120	Down	PCBs	
	7	110	Down		PCBs
	11	90	Down	PCBs	
I-5 SD at S Ryan St	OS-06	35	Up	PCBs	
SW Idaho St SD	TRI-016	180	Up	Benzyl alcohol, phenol	2,4-dimethylphenol
SW Kenny St SD/T115 CSO	DR126	110	Down	ВВР	* *
Highland Park Wy SW SD	R3	40	Down	BBP	ВЕНР
	LDW-SS70	70	Down	BEHP	
1 st Ave S SD (west)	LDW-SSB6a	160	Up	PCBs	
	LDW-B6a	150	Up	Total DDTs, PCBs	
2nd Ave S SD	LDW-SS84	35	Down	Zinc	Mercury, lead, PCBs, BEHP
	EAA-SED-1	100	Up	Dibenz(ah)anthracene	Metals ^f , PCBs, SVOC ^f ,

Outfall	In- waterway samples ^b	Approx. distance from outfall (feet)	Direction from outfall	Chemicals ≥SCO and ≤CSL	Chemicals >CSL
				phenol	total DDTs
	EAA-SED-2	50	Up	Cadmium	Metals ⁹ , PCBs, SVOC ⁹ , total DDTs
	EAA-SED-3	80	Down		PCBs, total DDTs
	EAA-SED-4	160	Down		PCBs, BEHP, total DDTs
	LDW-B5a-2	175	Down	Total chlordane	PCBs, total DDTs
	DR139	190	Down	Dieldrin	Mercury, PCBs, BEHP, total DDTs
7th Ave S SD	LDW-SS335	70	Opposite	Fluoranthene, BBP	BEHP
	LDW-SS530	90	Down	PAH ^k , PCBs	Acenaphthene, benzo(g,h,i)perylene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene
	LDW-SS95	160	Up	Anthracene, benz(a)anthracene, chrysene, fluoranthene, indeno(1,2,3-cd)pyrene, HPAH	Acenaphthene, fluorene, phenanthrene, LPAH, dibenzofuran
	TRI-095T	160	Up	Benzyl alcohol	2,4-dimethylphenol

BBP = butyl benzyl phthalate

BEHP = bis(2-ethylhexyl)phthalate

DMP = dimethylphthalate

Down = downstream of outfall

Opposite = directly offshore of outfall Up = upstream of outfall

Note: outfalls are listed in order from downstream end of waterway to upstream end of waterway starting with outfalls located on the east side followed by those on the west side of the waterway

- a. Anchor (2007), King County and Anchor (2008), King County (2010, 2015b). 2005-2010 post-cleanup samples in vicinity of outfall. Sample locations varied from year to year.
- b. AECOM (2012a) and SAIC (2011), Hanson (2016).
- c. Windward (2010). 1999 2005 post-cleanup samples in the vicinity of the outfall.
- d. Exceeded the SCO/LAET in 2005 and 2006, but none of the four subsequent samples.
- e. PCBs exceeded the SCO/LAET in the 2005 sample and the CSL/2LAET in the 2008 sample, but none of the other four samples collected at this location. DMP and fluoranthene exceeded the SCO/LAET in the 2005 sample, but none of the subsequent samples. Benzoic acid exceeded the SCO/LAET in only the 2006 sample.
- f. Cadmium, chromium, copper, lead, mercury, silver, zinc, 1,2,4-trichlorobenzene, 1,2-dichlorobenzene, 2-methylnaphthalene, benzo(g,h,i)perylene, indeno(1,2,3-cd)pyrene, pentachlorophenol, BEHP, butyl benzyl phthalate, dimethyl phthalate
- g. Chromium, lead, mercury, zinc, 1,4-dichlorobenzene, benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, BEHP, chrysene, dibenz(ah)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, pyrene, total benzofluoranthenes, HPAH
- h. Located in channel below the Norfolk outfall. Only 1 sample collected from 0-2 cm depth in April 2001 exceeded the SCO for BBP. All subsequent samples were below the SCO. PCBs in all samples collected prior to 2004 were below the SCO. The 2004 sample was collected after the September 2003 dredge and capping offshore of the Boeing outfall. Residual PCBs may remain at this location (King County 2005).
- Located in combined channel below Norfolk and Boeing outfalls. Only 1 sample collected from 0-2 cm depth in April 2001 exceeded the SCO for BBP and PCBs. All subsequent samples were below SCO.
- j. Samples collected after 2012 cleanup in Slip 4.
- k. 2-methylnaphthalene, benzo(a)anthracene, benzo(a)pyrene, chrysene, dibenzofuran, fluoranthene, fluorene, phenanthrene, total benzofluoranthenes, HPAH, LPAH
- Acenaphthene, benzo(a)anthracene, chrysene, dibenzofuran, fluoranthene, fluorene, phenanthrene, HPAH, LPAH

- m. Benzo(a)pyrene, benzo(g,h,i)perylene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, total benzofluoranthenes
- n. Benzo(a)anthracene, benzo(a)pyrene, chrysene, fluoranthene, phenanthrene, total benzofluoranthenes, HPAH

No chemicals other than phthalates exceeded the SMS in sediment samples collected offshore of the SW Kenny St SD/T115 CSO and the Highland Park Wy SW SD outfalls. Although several chemicals exceeded the SCO offshore of the 1st Ave S SD (east), S River St SD, S Brighton St SD, S Garden St SD, the sampling stations are more than 100 feet offshore of the outfalls and in many cases are located upstream of the outfall. These outfalls serve relatively small areas (6.5-18 acres). Given the lack of data in the immediate vicinity of these outfalls, it is difficult to evaluate whether sediment chemistry can be linked to storm drain discharges.

3.3. Storm Drain Solids to Waterway Sediment Comparisons

City storm drains are one of many potential sources of the contaminants found in the LDW sediment. To check for possible links between storm drain solids and waterway sediment contaminants, SPU developed a model that compares chemistry data for waterway surface sediment samples collected within 50-, 100-, and 200-feet of an outfall with chemistry from the near end-of-pipe storm drain solids samples. Inline samples where CSL/2LAET exceedances match corresponding SCO exceedances in the nearby in-waterway sediment samples are flagged. The model facilitates comparisons as it can be easily updated to include future sampling conducted to support LDW remedial design activities.

Sediment located different distances from the outfall are considered in the analysis to take into account the wide range of outfalls/drainage basins associated with the City MS4. Outfalls serving the City MS4 range in size from 8 - 144 inches diameter and serve drainage basins ranging from <10 - 2,600 acres. The size of the footprint of sediment that may be affected by storm drain discharges is expected to be considerably different for small systems compared to larger systems. In a recent study by Ecology that was conducted to characterize the quality of LDW surface sediment near stormwater and CSO outfalls, inwaterway samples were collected 50 feet offshore of outfalls that were equal to or less than 24 inches in diameter and 100 feet offshore of outfalls greater than 24 inches (SAIC 2011).

The analysis used surface sediment quality data from the LDW FS data base (AECOM 2012a), as well as samples collected by Ecology in the vicinity of outfalls in the LDW (SAIC 2009, 2011).

Source samples used in the analysis are listed in Table J-6 and shown on Maps J-2 and J-3.

Table J-6: Near end-of-pipe storm drain solids samples and available offshore sediment samples used in the pipe to waterway sediment comparisons.

		Inline storm		Offshore sediment samples distance from outfall (feet)			
Outfall	Area	Sample	Sample	0-50	50-100	100-200	
out.	(acre)	Stationa	type				
S Nevada St SD	23	MH206	Grab		✓		
Diagonal Ave C CSO/SD	2,664	ST1	Grab, trap	✓	✓	✓	
1 st Ave S (east)	15	MH264, MH265 ^b	Grab			✓	
S River St SD	6.5	MH211	Grab	✓		✓	
S Brighton St SD	17	MH222	Grab	✓		✓	
I-5 SD at Slip 4	150	MH32, SL4-T6, RCB- D071039, RCB- D071041	Grab, trap	~			
Georgetown SD	5.9	MH23	Grab	✓			
16th Ave S SD, east	12	MH201, MH203	Grab, trap	✓		√	
Norfolk CSO/SD/PS17 EOF	676	NST2, NST5 ^b	Grab, trap	✓	√	√	
I-5 SD at S Ryan St	529	MH215	Grab		√		
SW Dakota St SD	54	RCB200a	Grab	✓			
SW Idaho St SD	423	ID-ST2	Grab, trap		✓	✓	
SW Kenny St SD/T115 CSO	154	KN-ST1	Grab, trap	✓	✓	✓	
Highland Park Wy SW SD	289	HP-ST4, HP-ST6	Grab, trap	✓	✓	✓	
1 st Ave S SD, west	603	1 st -ST1, 1 st - ST2 ^b	Grab, trap	✓	~	✓	
7th Ave S SD	238	7th-ST1, MH20	Grab, trap		✓	✓	
Duwamish substation SD#2	1.3	DS-CB-H1 ^d	Grab	√			
Duwamish substation SD#3	1.9	DS-CB-I3 ^d	Grab				

Note: Table 6 includes the same near end-of-pipe samples as those listed in Table 1. Outfalls are listed in order from downstream end of waterway to upstream end of waterway starting with outfalls located on the east side followed by those on the west side of the waterway

a. Inline samples collected near the end of the pipe represent what is being discharged to the waterway.

b. No near end-of-pipe inline sample, but many samples collected in these drainage basins. Used inline samples collected from downstream end of major laterals/sub-basins.

- c. No surface sediment samples have been collected in the vicinity of the S 96th St SD outfall. In 2012, sediment cores (1.5 to 2.5 ft) were collected in the vicinity of the Duwamish Yacht Club for dredge disposal characterization (U.S. Corps of Engineers 2013). Sample DMMU6, collected within 200 ft of the S 96th St SD exceeded the LAET for butylbenzylphthalate (211 ug/kg dw). In addition, dioxins/furans (10.74 pg/kg TEQ) exceeded the Corps of Engineers' screening level for in-water disposal of dredged material (10 pg/kg TEQ). No other chemicals exceeded sediment criteria.
- d. Leidos (2015a). Due to the small size of drainage basins, catch basin samples are assumed to be representative of inline solids.

Storm drains for which there are no available inline samples, but where offshore sediment samples have been collected in the vicinity of the outfall are summarized in Table J-7.

Table J-7: Sediment samples collected near outfalls where no inline storm drain solids samples have been collected.

Outfall	Area (Ac) ^c	Offshore sediment samples distance from outfall (ft)		
		0-50	50-100	100-200
Head of Slip 2 SD	10.9	✓		✓
S Myrtle St SD ^a	6.2	√	✓	√
S Garden St SD ^a	11.3	√	✓	√
16 th Ave S SD	12	√		✓
KCIA SD#1 ^b	192		√	√
Duwamish substation SD #1	0.6	✓		√
2 nd Ave S SD	38	√	√	✓
W Marginal PI SW SD	4.6	✓		✓

- a. No inline samples collected since line was last cleaned.
- b. No inline samples in City-owned portion of drainage system.
- c. City MS4 basin.

Results of the analysis (based on data available through June 2014) are summarized in Table J-8. Of the 18 outfalls where there were corresponding near end-of-pipe inline data and surface sediment samples within 200 feet of the outfall, only nine locations matched the selection criteria (≥CSL in inline sample and ≥SCO in waterway sediment within specified distance from outfall). BEHP was the chemical that had the most matches between in- pipe and in-waterway sediment sample results. Select PAH compounds (Norfolk CSO/PS #17 EOF/SD, 7th Ave S SD, Diagonal Ave S CSO/SD) and PCBs (Diagonal Ave S CSO/SD and 7th Ave S SD) also matched the criteria at a few outfalls. A brief discussion of locations where there were corresponding matches between chemicals exceeding the CSL in the inline samples and SCO in the waterway sediment is provided below.

Table J-8: Chemicals with concentrations above thresholds in both near end-of-pipe storm drain solids samples and nearby waterway sediment.

	Basin area (acres) ^a	Distance from outfall (feet)			
Outfall		0 – 50	50 - 100	100 - 200	
Diagonal Ave S CSO/SD ^c	2,664	No samples	BEHP, BBP, DMP, PCBs ^h , 1,4-dichlorobenzene ⁱ	BEHP, BBP, DMP PCBs ^h , fluoranthene	
S River St SD	6.5	Benzyl alcohol			
I-5 SD at Slip 4	83 ^f		BEHP, zinc, PCBs ^j		
Georgetown SD ^e	5.9		BEHP, BBP, zinc		
16th Ave S SD, east	10.8		No samples	Zinc ^b	
Norfolk CSO/PS 17 EOF/SD ^d	454	BEHP, fluoranthene	ВЕНР	BEHP, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene	
1st Ave S SD (west)	541			BBP	
Highland Park Wy SW SD	310	BEHP	BEHP	No samples	
7th Ave S SD	238	No samples	BEHP, benzo(g,h,i)perylene, dibenzo(a,h)anthracene, indeno(1,2,3-cd)pyrene ^g , PCBs, benzyl alcohol	Indeno(1,2,3- cd)pyrene ^g	

BEHP = bis(2-ethylhexyl)phthalate, BBP = butyl benzyl phthalate, DMP = dimethyl phthalate

- a. Area served by City-owned pipes discharging to outfall.
- b. Sample collected upstream of the outfall. Given the distance offshore and the small size of this outfall/basin, it is unlikely that the 16th Ave S outfall is contributing to the zinc concentrations observed in waterway sediment at this location.
- c. Post-cleanup samples collected by King County 2005 through 2010.
- d. Post-cleanup samples collected by King County 1999 through 2004.
- e. Samples collected after the 2012 Early Action Area cleanup at Slip 4.
- f. Includes railroad right-of-way.
- g. One of 10 near end-of-pipe storm drain solids samples collected from the 7th Ave S SD system exceeded the 2LAET.
- h. One of 22 near end-of-pipe storm drain solids samples collected from the Diagonal Ave S CSO/SD system exceeded the 2LAET and 4 of 12 post-cleanup waterway samples exceeded the SCO.
- i. Composite sample.
- j. Only 1 of 18 near end-of-pipe samples exceeded the screening level for PCBs

<u>Diagonal Ave S CSO/SD</u>. The Diagonal outfall serves the largest drainage basin in the LDW. Results of the inline to waterway sediment comparisons are similar to the ST/BCM recontamination potential analysis from the FS. Both analyses predicted potential exceedances of the sediment RALs for BEHP, BBP, and PCBs. However, the storm drain solids to waterway sediment matches for PCBs are considered weak given that only 1 of 22 near end-of-pipe storm drains solids samples and 4 of 12 sediment samples collected offshore of the outfall after cleanup exceeded the respective criteria. As described in Appendix C, exceedances of the SCO have been reported at all three sampling stations located within 225 feet of the outfall (DUD_1A, DUD_2A, and DUD_3A). The 2006 sample at the station closest to the outfall (DUD 1A, 100 feet offshore) exceeded the SCO for PCBs,

but all four subsequent samples collected from 2007-2010 were below the SCO. Only the 2008 sample collected at DUD_2A and none of the samples collected at DUD_3A exceeded the SCO for PCBs. Post-cleanup data suggest that PCB concentrations offshore of the outfall appear to have reached equilibrium at levels below the SCO.

Phthalates show the same trends with concentrations levelling off in 2009-2010. However, concentrations of butylbenzylphthalate were above the SCO most years at the station closest to the outfall (DUD_1A); BEHP also exceeded the SCO in 2009 and the CSL in 2010. At DUD_2A, located 170 feet upstream of the outfall, butylbenzylphthalate exceeded the SCO between 2005 and 2008, but dropped below the SCO in 2009 and 2010. BEHP at DUD-2A exceeded the SCO in years 2006 through 2008, but dropped below the SCO in 2009-2010.

The storm drain solids to waterway sediment comparison identified additional chemical matches for dimethyl phthalate, fluoranthene, and 1,4-dichlorobenzene.

1,4-Dichlorobenzene and dimethyl phthalate exceeded the CSL at the closest station in one of the four samples collected post-cleanup. Both exceedances occurred in 2008.

1,4-Dichlorobenzene has also been elevated in samples collected offshore of a CSO outfall in the East Waterway that was affected by operations of a portable sanitation service. It is used in the deodorizing cakes placed in the urinals. Further investigation of the combined sewer system may be appropriate in this area if levels are elevated in the 2010-2011 samples.

<u>S River St SD</u>. Benzyl alcohol is the only chemical that exceeded the threshold criteria in both storm drain solids and waterway sediment samples offshore of the S River St SD. As mentioned in Section 3.1, benzyl alcohol occurs naturally in some plants and is also derived synthetically for use as a food preservative and in the manufacture of various cosmetics, dyes, plastics, and insect repellents.

<u>I-5 SD at Slip 4 and Georgetown SD</u>. Post cleanup samples collected Station WC-0, located near the head of Slip 4 are the only samples that exceeded SMS of the 4 stations sampled within 200 feet of an outfall. In 2013 at Station WC-1 exceeded the SCO/LAET for BEHP. In 2015, samples exceeded the SCO/LAET for PCBs, butylbenzylphthalate and zinc, and also exceeded the CSO/2LAET for benzyl alcohol and BEHP. The PCB exceedance was based on the dry weight equivalent LAET because the sample contained concentrations of TOC (5.63 percent) outside the acceptable range for TOC normalization. Given the large number of outfalls (5) and drainage area (452 acres) that discharges to Slip 4, it is not surprising that BEHP concentrations have increased after cleanup.

16th Ave S SD (east). Zinc matched the criteria, but only at a waterway sediment sample collected 180 feet upstream of the 16th Ave S SD (east) outfall. Given that there were no chemical matches in the sample collected within 50 feet of the outfall and the relatively small drainage area contributing to the outfall (10.8 acres); it is likely that the zinc exceedance is caused by an upstream source rather than discharges from this outfall.

Norfolk CSO/PS17 EOF/SD. BEHP matches occurred at all distances offshore of the outfall. Fluoranthene matched in samples collected 0-50 feet from the outfall and several PAHs [dibenzo(a,h) anthracene, fluoranthene, and indeno(1,2,3-cd)pyrene] matched in samples collected 100-200 feet from the outfall, but no PAH matches occurred in samples collected within 50-100 feet from the outfall. Only 5-10 percent of the in-pipe samples exceeded the 2LAET screening levels for these three PAH compounds.

 2^{nd} Ave S SD. A number of chemicals exceed SMS offshore of the 2nd Ave S SD, which was installed by the adjacent private property owner in the mid-1960s, but these results are not consistent with what SPU has found in the storm drain solids samples from the MS4 system that discharges to this outfall. As discussed in Appendix D, sediment contamination in this

area may have been caused by historic operations at a barrel cleaning facility that was located along the shoreline for many years and which, prior to 1965, discharged wastewater to a nearby lagoon that was plumbed to the private outfall.

 1^{st} Ave S SD (west). Butyl benzyl phthalate was the only chemical that matched the criteria and only in samples located 130 feet offshore of the outfall (SS2512 collected by Ecology in 2011). Because there are no matches in any of the samples collected closer to the outfall and since some of the runoff from this basin passes through a stormwater wet pond (areas upstream of 1^{st} -ST1 and 1^{st} -ST2) and all runoff passes through a large intertidal wetland before discharging to the waterway, it is unlikely that this outfall is responsible for the RAL exceedances observed in the offshore sediment.

<u>Highland Park Wy SW SD</u>. BEHP exceeded the thresholds at two sediment samples collected downstream of the outfall. No other chemicals matches were identified at this outfall. This drain serves a medium-sized area (289 acres) and discharges into a small embayment. Therefore, it is not surprising to see a RAL exceedance for BEHP, one of the most common chemicals found in storm drain solids samples offshore of this outfall.

7th Ave S SD. The elevated levels of PAHs found in the sample collected offshore of the 7th Ave S storm drain are also not consistent with samples collected from the drainage system. PAHs in the inline and catch basins samples collected from this outfall exceed the LAET/2LAET SMS screening levels in only 2 – 8 percent of the samples collected to date. All but one of the HPAH exceedances occurred at the upstream station (LDW-SS95) located 160 feet from the outfall. Only fluoranthene exceeded the SCO at the closest station LDW-SS335, located 70 feet downstream of the outfall. These results indicate that source(s) other than the 7th Ave S SD may be affecting sediment quality at Station LDW-SS95.

For the other nine outfalls where there were corresponding in-pipe and in-waterway samples:

- I-5 SD at S Ryan St and Duwamish substation SD #3 had CSL/2LAET exceedances in the in-pipe samples, but no SCO exceedances in surface sediment samples collected within 200 feet of the outfall.
- S Brighton St SD, SW Idaho St SD, SW Kenny St SD/T115 CSO, 1st Ave S SD (east), and Duwamish Substation SD#2¹ had exceedances in both the in-pipe and inwaterway samples, but no chemical matches.
- SW Dakota St had exceedances in the offshore sediment, but none in the near endof-pipe storm drain solids sample.
- S Nevada St SD had no exceedances in either samples.

Outfalls that either had no offshore sediment samples collected within 200 feet of the outfall or no near-end-of pipe storm solids samples are summarized in Table J- 9.

Table J- 9: Outfalls where inline to in-waterway comparisons were not possible.

Outfall	Near end-of pipe		Offshore sediment samples
	storm drain solids	No. a	SCO exceedances
Head of Slip 2 SD	Only 2 catch basins within the City MS4 draining to this outfall	2/4	Benzyl alcohol, PCBs
S Myrtle St SD	No samples collected since line	1/3	Mercury, zinc, butyl benzyl phthalate, PCBs, benzoic acid,

Benzyl alcohol exceeded the SCO at SS2099-D located 50 feet downstream of Duwamish substation SD #2. Although benzyl alcohol was not detected in the near end-of-pipe sample, the detection limit (3,200 ug/kg dw) exceeded the LAET (57 ug/kg dw).

Outfall	Near end-of pipe		Offshore sediment samples
	storm drain solids	No. a	SCO exceedances
	was cleaned in 2010		benzyl alcohol, BEHP
S Garden St SD	No samples collected since line was cleaned in 2010	4/7	Benzyl alcohol, dibenzofuran, acenaphthene
North Boeing Field SD	Drainage system no longer appears to be active	1/4	BEHP, BBP, benzyl alcohol, zinc, PCBs
16 th Ave S SD	No samples collected since line was cleaned in 2013	3/3	PCBs
KCIA SD#1	No inline samples in City MS4	2/18	BEHP, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, benzo(g,h,i)perylene, phenol, fluoranthene, benzoic acid
2nd Ave S SD	Multiple storm drain solids samples collected in MS4, but no near end-of-pipe sample collected in the downstream private drainage system.	5/5	Numerous chemicals (metals, PAHs, phthalates, PCBs, DDT)
S Webster St SD	No samples in the one CB served by this outfall	0	No surface sediment samples collected
S 96 th St SD	Multiple catch basin samples, but no inline samples in City MS4	0	No surface sediment samples collected
Duwamish substation SD#1	Sampling attempted in 2014, but insufficient sediment present	0/9	None
W Marginal PI SW SD	Sampling attempted in 2014, but insufficient sediment present	2/5	Benzyl alcohol

- a. Number of stations with SCO exceedances / Number of sampling stations located within 200 feet of the outfall. Not all chemicals exceed SMS at each station.
- b. PCBs in the 6 samples collected before line was cleaned in 2013 were ≤300 ug/kg dw. Drainage system has not been sampled since cleaning.

4. RECONTAMINATION ASSESSMENT FROM THE LDW FEASIBILITY STUDY

The potential for sediments to re-contaminate following cleanup was evaluated in the LDW Feasibility Study (AECOM 2012b). Results from this analysis have been included in the prioritization process as another line of evidence. The Feasibility Study (FS) defined "recontamination" as contaminant concentrations in surface sediments that return to levels above the sediment quality standards (SCO). Multiple lines of evidence were used to predict the range of contaminant concentrations that surface sediments in the LDW would be predicted to achieve, or equilibrate to, over the long term following remedial actions and source control. Predictions were developed using the sediment transport model (in conjunction with the bed composition model (BCM) developed for the FS. The sediment transport model analyzed the physical transport of sediment in the LDW to assess where particles from river inputs at the upstream boundary of the LDW study area, erosion of bedded sediments, and discharges from lateral sources (i.e., storm drains and combined

sewer overflows) would deposit in the waterway. The BCM attaches chemistry values to the particles deposited in the waterway. Data from source tracing samples collected through June 2009 were used in the model. Three scenarios were evaluated to account for different levels of source control

- <u>High</u>. A conservative representation of current conditions assuming modest continued levels of source control and management of high priority sources already identified by the Source Control Work Group.
- Model Input (Base Case). A pragmatic assessment of what might be achieved in the future with anticipated continued levels of source control. This value is based on mean/median concentrations observed in the lateral dataset after control of medium priority sources.
- <u>Low</u>. A best case that might be achievable in 30 to 40 years with increased coverage and continued aggressive source control.

Model inputs for the major risk drivers are shown in Table J-10.

Table J-10: Chemistry inputs to the BCM for the LDW FS.

	ВСМ	Input V	alues	
Chemical	Base Case	Low	High	Basis for BCM Input and Sensitivity Values
Arsenic ^a (mg/kg dw)	13	9	30	Screened the source tracing dataset to exclude concentrations above assumed SMS-based source control levels (93 and 57 mg/kg dw) Input: Mean excluding values >93 mg/kg (the CSL). High: 90 th percentile excluding values >93 mg/kg (the CSL). Low: Median of all samples, excluding values >57 mg/kg (the SCO) ^a .
Total PCBs ^a (µg /kg dw)	300	100	1,000	Used a range of screening concentrations to reflect potential levels of source control that could occur over time. Input: Mean of flow-weighted dataset excluding values >5,000 μ g/kg dw. High: 90th percentile of flow-weighted source tracing dataset excluding values >10,000 μ g/kg dw. Low: Median of flow-weighted source tracing dataset excluding values >2,000 μ g/kg dw. ^a
cPAHª (µg TEQ/kg dw)	1,400	500	3,400	Screened the source tracing dataset to exclude concentrations above an assumed source control level. cPAHs are expected to be difficult to control due to the petroleum-based economy, intensity of urbanization in the LDW and myriad ongoing sources. Input: Mean of source tracing dataset excluding values >25,000 ug TEQ/kg dw. High: 90th percentile of source tracing dataset excluding values >25,000 ug TEQ/kg dw. Low: Median of source tracing dataset excluding values >25,000 ug TEQ/kg dw. ^a .
Dioxins and Furans ^b (nq TEQ/kg dw)	20	10	40	Based on combined Greater Seattle sediment and SPU catch basin solids datasets. ^b Input: Mean. Low: Median (rounded to10). High: UCL95.

Reference: AECOM (2012b).

a. Used Lower Duwamish Waterway source tracing dataset (compiled by SPU) through June, 2009 as the primary basis for establishing lateral BCM parameter values for arsenic, total PCBs, and cPAH. The dataset was screened to remove concentrations using various source control practicability assumptions (best professional judgment). Total PCB data were flow-weighted before generating statistics because PCBs exhibit a distinct geographic distribution with hotspots identified in Terminal 117, NBF/GTSP, Rainer Commons, and Boeing Plant 2. These three areas have been extensively sampled and make up a significant portion of the overall source tracing dataset. Therefore, these source tracing data were flow-weighted to avoid skewing the summary statistics used in the BCM model. Arsenic and cPAH data were not flow-weighted prior to the statistical analysis because these chemicals lack a pronounced geographic dependency that would warrant flow-weighting.

b. Parameter estimation for dioxins and furans was based on the Greater Seattle sediment and SPU catch basin solids datasets. The summary statistics used to estimate parameter values correspond to the combined datasets, as supported by statistical analysis.

BCM = bed composition model; cPAH = carcinogenic polycyclic aromatic hydrocarbon; CSL = cleanup screening level; FS = feasibility study; GTSP = Georgetown Steam Plant; NBF = North Boeing Field; PCB = polychlorinated biphenyl; SPU = Seattle Public Utilities; TEQ = toxic equivalent; SCO = sediment quality standard; UCL95 = 95% upper confidence limit on the mean

Particle deposition was modeled using the Sediment Transport Model, which tracked the movement of solids from upriver (e.g., upstream of the LDW project area), re-suspension and transport of in-waterway sediment, and "lateral sources" (e.g., discharges from storm drains and combined sewers in the LDW). It did not take into account potential contributions from groundwater and bank erosion. Because drainage areas were not available for all of the 200 or so outfalls that discharge to the LDW, the STM model aggregated inputs from multiple smaller outfalls to a single location as shown in Table J-11 and Map J-4.

Table J-11: Lateral inputs in the LDW Sediment Transport Model.

Modeled outfall	Area	Modeled outfall	Area
	(acres)		(acres)
East side of waterway		West side of waterway	
Diagonal Ave S CSO/SD	2,620	SW Idaho St SD	655
Slip 4 outfalls ^a	495	SW Kenny St SD	164
King County Airport SD #2	236	Highland Park Wy SW	491
King County Airport SD #1	64	1 st Ave S SD, west	328
Norfolk CSO/EOF/SD	826	Waterfront 6 ^b	94
Remaining public SDs	226	Waterfront 7 ^b	37
Waterfront 1 ^b	46	Waterfront 8 ^b	56
Waterfront 2 ^b	71	Waterfront 9 ^b	47
Waterfront 3 ^b	43	Waterfront 10 ^b	58
Waterfront 4 ^b	210	Waterfront 11 ^b	120
Waterfront 5 ^b	101		

- a. Includes I-5 SD at Slip 4, North Boeing Field SD, Georgetown SD, and King County SD #3/PS 44 FOF
- b. Waterfront discharges include the nearshore areas draining to the waterway via individual outfalls. Solids loading inputs to the model are distributed evenly along that segment of the waterway.

To isolate potential effects from lateral inputs, the BCM was run for a 10-year period starting with in-waterway sediment concentrations post-remediation set to zero (AECOM 2012b). The results shown on Map J-5, indicate that phthalates (i.e., BEHP and butyl benzyl phthalates) are the primary risk driver predicted to have a greater potential to exceed the SCO in waterway sediments and generally only in the vicinity of the larger outfalls/source inputs at year 10. Other risk drivers predicted to exceed SCO at year 10 are PCBs and zinc offshore of the Diagonal Ave S CSO/SD outfall.

5. SUMMARY

Results of the basin prioritization process are provided in Tables J-11 and J-12. Also see Appendix C for a description of what is currently known about each outfall. Areas where the City will focus source tracing activities in the next five years are described below:

S Nevada St SD: lead, mercury, and LPAH in MH206

The 23-acre S Nevada St drainage system serves a large warehouse on the Port of Seattle's Terminal 106 property and S Nevada St (see Map 4). The west end of S Nevada St was vacated to the Port in 1970. Catch basins located on the east end of S Nevada St may collect runoff from a short section of E Marginal Wy S, but the majority of the runoff at this outfall is from roof and parking areas on adjacent Port property. Source tracing has been difficult due to the lack of accumulation of storm drain solids in this system. One inline sample has been collected near the upper end of the system. Although concentrations were below the 2LAET/CSL screening levels, lead, mercury, and LPAH concentrations at this location were two or more times higher than the median concentrations reported at other storm drains in the LDW. SPU cleaned this system in 2015. Routine video-inspection conducted following cleaning identified deposition of concrete slurry material in the line, which required additional cleaning to remove. SPU inspectors worked with the Port and its tenants to identify potential sources of the slurry material. The Port has since cleaned the storm drains entering the S Nevada St SD and plugged the pipes to prevent runoff from entering the system in the future. SPU will resample the drainage system over the next five years to assess whether there could be ongoing sources.

- <u>Diagonal Ave S CSO/S</u>D: lead, mercury, HPAH, PCBs
 - Mercury and PCBs in the S Snoqualmie St sub-basin (MH18)
 - HPAH upstream of ST6
 - Lead in Beacon Ave sub-basin (MH260)
 - PCBs in S Dakota St sub-basin (ST7)

This is the largest drainage basin in the LDW (2,664 acres), the largest outfall (12 feet), and contributes the largest volume of stormwater (approximately 800 – 1,400 million gallons per year) (see Maps 5a and 5b). Fortunately, offshore surface sediment samples collected following King County's 2004-2005 cleanup indicate that BEHP is the only contaminant of concern that appears to be discharging from this outfall at levels that could re-contaminate waterway sediments above the RALs. However, source tracing has found elevated levels of contaminants at several locations within this basin (e.g., mercury and PCBs in the S Snoqualmie St subbasin, HPAH in the Bush PI sub-basin, and various private catch basins). SPU intends to continue sampling to identify and control these sources.

1st Ave S SD (east): copper in MH265

This drainage basin covers a 14.8-acre area under the 1st Ave S Bridge, approaches to the bridge, and portions of E Marginal Wy S (see Map 6). Stormwater passes through a biofiltration swale before discharging to the waterway. Two inline grab samples have been collected from this drainage system. One sample exceeded the CSL screening level for copper and the median copper concentration was more than two times higher than the median concentrations reported at other storm drains in the LDW. SPU intends to jet and clean this system and resample, to assess whether there could be ongoing sources.

S River St SD: HPAH and PCBs³

The S River St SD serves a 6.5-acre industrial area on the north side of Slip 3 (see Map 8). This entire City-owned MS4 was cleaned in 2009-2010 because previous samples contained elevated levels of arsenic (12 - 110 mg/kg), copper (39 - 470 mg/kg), zinc (332 - 1,170 mg/kg), motor oil (270 - 9,300 mg/kg),

³ PCBs (870 ug/kg) were near the 2LAET trigger in one of the three samples collected from this system after the 2008 cleaning (MH220).

and PCBs (54 – 1,490 ug/kg dw). Efforts will focus on identifying source(s) of HPAH found in this system after it was cleaned in 2010.

The 16th Ave S SD (east): resample following 2013 cleaning (mercury in MH201)

The 16th Ave S SD serves a 12- acre industrial basin west of E Marginal Wy S, collecting runoff from the 16th Ave S approach to the South Park Bridge (crossing into Tukwila jurisdiction), about 600 feet of E Marginal Wy S, and a portion of the Boeing property on the south side of 16th Ave S (see Map 14). In 2014, King County installed a stormwater wet vault as part of the South Park bridge construction. The approximately 34,000 gallon wet vault treats runoff from the lower 1,000 feet of the South Park bridge approach on 16th Ave S prior to discharging to the LDW via a new 24-inch outfall. The upper 550 feet between the pedestrian tunnel and E Marginal Wy S continue to discharge untreated to the LDW via the existing outfall. SPU cleaned the City-owned portion of the 16th Ave S system in 2013 when the South Park Bridge was under construction and there was only local traffic on 16th Ave S. There are no businesses within City jurisdiction that SPU is able to inspect in this drainage basin. SPU will resample key maintenance holes to assess whether there are ongoing sources in the City-owned MS4.

■ Norfolk CSO/PS17 EOF/SD: HPAH

Runoff from approximately 676 acres within the City MS4 system discharges to the Norfolk outfall. In 2011 SPU constructed a 5-acre foot wet pond just west of I-5 that treats runoff from the 226 acre MLK sub-basin (see Map 75). Runoff from this portion of the drainage basin now passes through a 1,000 foot long heavily vegetated drainage swale, the new wet pond, and a natural wetland before discharging to the LDW. PAHs are the primary chemical of concern in the Norfolk drainage basin. Chemicals that exceeded both the SCO in in-waterway sediment samples collected after the Early Action Cleanup and CSL/2LAET in inline line nearend-of-pipe samples include fluoranthene, dibenz(a,h)anthracene, and BEHP. Elevated levels of HPAH have been found in a maintenance hole on MLK Wy at S Norfolk St and in several private onsite catch basins. SPU inspectors have found and eliminated several sources and are currently working to control another source, but it is not clear that all of the major sources of PAHs in this basin have been identified. SPU will continue to focus source tracing efforts in this basin.

SW Dakota St SD: HPAH and PCBs

The SW Dakota St SD serves an area of about 45 acres, encompassing the commercial/industrial areas along W Marginal Wy SW, as well as developed/undeveloped residential parcels and large tracts owned by the Seattle Department of Parks and Recreation located on the hillside west of W Marginal Wy SW (see Map 17). One sample has been collected within 25 feet of the City's storm drain outfall (SS2149-A). Zinc (478 mg/kg). butyl benzyl phthalate (220 ug/kg dw), BEHP (1,700 ug/kg dw), and PCBs (150 ug/kg dw) exceeded the SCO and benzyl alcohol (100 ug/kg dw) exceeded the CSL. None of the five surface sediment samples collected within 40-80 feet of the SW Dakota St channel mouth (LDW-SS9, LDW-SS306, WIT298, B1a, LDW-SS2233-U,D) exceeded SCO levels (AECOM 2012a). However, SCO exceedances have been found in one sample (DR033) collected 150 feet offshore of the channel, but the chemicals exceeding SCO are not consistent with the chemicals found above the screening level in the storm drain system (zinc). SPU will establish an inline sampling station located near the downstream end of this system to assess PCB levels.

SW Idaho St SD: HPAH

The SW Idaho St SD serves an area of about 423 acres (see Map 18). The drainage basin is predominately residential with commercial/industrial areas located along W Marginal Wy SW (see Map 18). A significant portion of the basin is undeveloped (30.7 percent). SPU cleaned all of the City-owned lines in this drainage system in 2013 after elevated levels of HPAH were found in a maintenance hole on the main trunkline above W Marginal W SW. Extensive source tracing conducted prior to cleaning was unable to identify a specific source in this area. Samples collected after cleaning contained lower levels of HPAH (7,430 ug/kg dw). SPU will continue to monitor the quality of solids in the City-owned MS4 after cleaning to ensure that there are no ongoing sources in this basin.

SW Kenny St SD/T115 CSO: Arsenic

The SW Kenny St SD serves an area of about 154 acres, encompassing the commercial/industrial areas along W Marginal Wy SW, as well as undeveloped land located on the steep hillside west of W Marginal Wy SW (see Map 19). SPU has collected 15 samples from the SW Kenny St SD. The median arsenic concentration was more than two times higher than the median concentrations reported at other storm drains in the LDW. The highest concentrations (30-70 mg/kg with an average of 48 mg/kg) were measured in the inline grab samples collected at KN-ST1 near the downstream end of the system. Two storm drain solids samples exceeded the SCO, but none exceeded the CSL screening level. Sediment trap samples collected at this location contained much lower levels of arsenic (<8-30 mg/kg) and there were no exceedances of arsenic in sediment samples collected 50-190 feet offshore of the outfall. SPU will conduct additional source tracing in this basin to look for sources of arsenic.

■ 7th Ave S SD; LPAH⁴, HPAH and PCBs.

The 7th Ave S SD basin is also relatively large (238 acres) and the approximately 70-acre lower basin east of SR509 is heavily industrialized (see Map 23). SPU inspectors have found a number of sources in this basin, with problem chemicals including arsenic, copper, mercury, and PCBs. However, these chemicals are not found at high concentrations in sediment samples collected offshore of this outfall, where PAHs are the only chemicals that exceed SMS. One source of PAHs (34,700 ug/kg dw LPAH and 193,000 ug/kg dw HPAH) has been identified in the drainage basin; SPU inspectors have worked with the business to cover and disconnect an exterior wire rope testing facility from the drainage system to eliminate this source. Given the number of small businesses and variety of potential sources, SPU intends to continue working to identify and control sources in the 7th Ave S basin.

⁴ Only 2 of 63 storm drain solids samples exceeded the 2LAET triggers and both were traced to discharges from a single business, but waterway sediment exceeds SCO at stations 0-50 feet offshore of outfall. The entire City-owned MS4 system was cleaned in 2013. SPU will conduct follow-up sampling.

Table J-11: Outfall rankings for metals.

Outfall						Ar	senic					Co	pper					L	ead					Mer	cury					Z	inc		
	Area ^a (acres)	Owner	No. of Samples ^h		rain Solids	end-o	lear of-pipe	Offshore Sediment > SCO?	Source Tracing Priority	Storm Dr.	ain Solids	end-	ear of-pipe	Offshore Sediment > SQS?			rain Solids	end-	lear of-pipe	Offshore Sediment > SQS?	Source Tracing Priority	Storm Di	rain Solids	end-o	ear of-pipe	Offshore Sediment > SQS?	Source Tracing Priority		rain Solids	end-c	lear of-pipe	Offshore Sediment > SQS?	
d	00	Dont	4		%>CSL	>SCO		N.	N.I	%>SCO		>SCO	>CSL	NI NI	NI.		%>CSL		>CSL	NI NI	N.		%>CSL	>SCO		NI NI	N.	%>SCO		>SCO		NI NI	
S Nevada St SD ^d	23	Port	1	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	100%	0%	Ψ	N	N	N
Diagonal Ave S CSO/SD	2,664	SPU	227	2%	1%	N	N	N	N	6%	6%	N	N	N	N	5%	4%	N	N	N	N	7%	6%	N	N	N	Ye	43%	10%	Y	N	N	N
1st Ave S SD, east	15	SPU	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Head of Slip 2 SD	12	Private	0	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	N	N	ND	ND	ND	ND	N	N	ND	ND	ND	ND	N	N	ND	ND	ND	ND	N	N
S River St SD	6	SPU	3	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	67%	0%	Y	N	N	N
S Brighton St SD	17	SPU	4	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	50%	0%	N	N	N	N
S Myrtle St SD ^b	6	SPU	7	14%	14%	ND	ND	N	N	71%	71%	ND	ND	N	N ^b	57%	57%	ND	ND	N	N ^b	57%	57%	ND	ND	Υ	N ^b	100%	86%	ND	ND	Y	N ^b
S Garden St SD	12	Private	1	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	ND	0%	0%	ND	ND	N	ND
Georgetown SD	6	SPU	3	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	Y	N	100%	0%	ND	ND	N	ND
I-5 SD at Slip 4	150	WSDOT	8	0%	0%	N	N	N	N	29%	29%	Y	Y	N	N	14%	0%	N	N	N	N	0%	0%	N	N	Y	N	43%	14%	N	N	N	N
16th Ave S SD, east	12	Tukwila	6	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	17%	17%	N	N	N	Y ^f	67%	33%	Υ	N	N	N
KCIA SD#1	86	King County	8	0%	0%	N	N	N	N	12%	12%	Y	Y	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	25%	25%	Υ	Y	N	N
Norfolk CSO/PS17 EOF/SD	676	Tukwila	57	2%	2%	N	N	N	N	2%	2%	N	N	N	N	2%	2%	N	N	N	N	0%	0%	N	N	N	N	43%	17%	N	N	N	N
I-5 SD at S Ryan St	55	WSDOT	2	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N
SW Dakota St SD	45	SPU	8	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	67%	33%	ND	ND	N	N
SW Idaho St SD	423	SPU	28	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	0%	0%	N	N	N	N	14%	4%	N	N	N	N
SW Kenny St SD/T115 CSO	154	SPU	14	14%	0%	N	N	N	??	0%	0%	N	N	N	N	21%	7%	Y	N	N	N	7%	0%	N	N	N	N	71%	0%	Y	N	N	N
Highland Park Wy SW SD	289	SPU	17	0%	0%	ND	ND	N	N	6%	6%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	47%	0%	ND	ND	N	N
1st Ave S SD, west	603	WSDOT	41	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	7%	2%	ND	ND	N	N	51%	7%	ND	ND	N	N
2nd Ave S SD	38	Private	16	0%	0%	ND	ND	N	N	13%	13%	ND	ND	Y	N	13%	13%	ND	ND	Y	Y	13%	13%	ND	ND	Y	Y	63%	19%	ND	ND	Y	Y
7th Ave S SD	238	SPU	50	0%	0%	N	N	N	N	6%	6%	N	N	N	N	4%	4%	N	N	N	N	4%	0%	N	N	N	N	64%	8%	Υ	N	N	N
17th Ave S SD ^g	3	SPU	0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
S 96th St SD	42	Unknown	5	0%	0%	N	N	ND°	N	0%	0%	N	N	ND ^c	N	0%	0%	N	N	ND ^c	N	0%	0%	N	N	ND°	N	0%	0%	N	N	ND°	N
Duwamish substation SDs	8	SCL	3	0%	0%	N	N	N	N	0%	0%	N	N	N	N	33%	0%	ND	ND	N	N	0%	0%	N	N	N	N	67%	33%	Υ	N	N	N

ND = no data

- a. Seattle MS4 contributions
- b. Source identified
- c. Closest surface sediment sample is 250 ft from outfall
- d. Only one waterway sediment sample within 200 ft of outfall (LDW-SS13). No SMS exceedences.
- e. Mercury in S Snoqualmie St sub-basin
- f. Follow-up sampling after cleaning
- g. Outfall installed in 2015. System scheduled to go online in July 2016.
- h. Samples collected in City MS4.

Table J-12: Outfall rankings (organics).

Outfall						LP	AH					HF	PAH					PC	CBs				В	is(2-ethylh	exyl)phtha	late				Butyl benz	yl phthalat	e				Dimethyl	l phthalate	
	Area ^a (acres)	Owner	No. of Samples	Storm Dr		end-c		Sediment > SQS?			ain Solids	end-d		Offshore Sediment > SQS?			rain Solids	end-c	ear of-pipe	Sedimen > SQS?			rain Solids	end-	ear of-pipe	Offshore Sediment > SQS?			ain Solids	end-o	ear of-pipe	Offshore Sediment > SQS?		Storm Dr		end-o	lear of-pipe	Offshore Source Sediment Tracing > SQS? Priority
		_				%>LAET					%>2LAET	%>LAET	%>2LAET	[%>2LAET	%>LAET	%>2LAE	T					%>2LAET				%>2LAET		%>2LAET				%>2LAET		%>2LAET	
S Nevada St SD ^d	23	Port	1	0%	0%	N	N	N	N	0%	0%	N	N	N	N	100%	0%	Y	N	N	N	0%	0%	N	N	N	N	100%	0%	Y	N	N	N	0%	0%	N	N	N N
Diagonal Ave S CSO/SD	2,664	SPU	227	9%	9%	N	N	N	N	14%	10%	N	N	N	N	37%	4%	Y	Y ^I	Ye	Y ^f	74%	67%	Y	Y	Y	N	77%	18%	Y	N	Y	N	45%	24%	N	N	Y N
1st Ave S SD, east	15	SPU	0	ND	ND	ND	ND	ND	Y	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND N
Head of Slip 2 SD	12	Private	0	ND	ND	ND	ND	N	N	ND	ND	ND	ND	N	N	ND	ND	ND	ND	Y	Y	ND	ND	ND	ND	N	N	ND	ND	ND	ND	N	N	ND	ND	ND	ND	N N
S River St SD	6	SPU	3	0%	0%	N	N	N	N	33%	33%	Υ	Y	N	Υ	100%	0%	Υ	N	N	N	100%	100%	Y	Υ	N	N	100%	0%	Y	N	N	N	0%	0%	N	N	N N
S Brighton St SD	17	SPU	4	0%	0%	N	N	N	N	0%	0%	N	N	N	N	50%	0%	N	N	N	N	25%	25%	N	N	N	N	100%	0%	Y	N	N	N	25%	25%	N	N	N N
S Myrtle St SD ^b	6	SPU	7	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	100%	71%	ND	ND	Y	N ^b	100%	100%	ND	ND	N	N	100%	71%	ND	ND	Y	N	86%	71%	ND	ND	N N
S Garden St SD	12	Private	1	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N N
Georgetown SD	6	SPU	2	ND	ND	ND	ND	N	N	ND	ND	ND	ND	Υ	ND	57%	0%	ND	ND	Υ	Y	ND	ND	ND	ND	Υ	N	ND	ND	ND	ND	Υ	N	ND	ND	ND	ND	N N
I-5 SD at Slip 4	150	WSDOT	8	14%	14%	N	N	N	N	14%	14%	N	N	Υ	Υ	57%	0%	N	N	Y	Y ⁱ	43%	43%	N	N	Y	N	71%	0%	N	N	Υ	N	43%	14%	N	N	N N
16th Ave S SD, east	12	Tukwila	6	0%	0%	N	N	N	N	0%	0%	N	N	N	N	100%	0%	N	N	N	Y ^h	100%	67%	N	N	N	N	100%	17%	N	N	N	N	50%	0%	N	N	N N
KCIA SD#1	86	King County	8	12%	12%	Y	Υ	N	N	50%	50%	Y	Y	N	N	0%	0%	N	N	N	N	62%	62%	Y	Y	Y	N	25%	12%	ND	ND	N	N	0%	0%	N	N	N N
Norfolk CSO/PS17 EOF/SD	676	Tukwila	57	10%	10%	N	N	N	N	18%	12%	N	N	N	Y ^g	21%	0%	N	N	N	N	67%	59%	N	N	Υ	N	69%	12%	N	N	Υ	N	43%	27%	N	N	N N
I-5 SD at S Ryan St	55	WSDOT	2	0%	0%	N	N	N	N	0%	0%	N	N	N	N	50%	0%	Y	N	N	N	50%	50%	Y	Y	N	N	50%	50%	Y	N	N	N	0%	0%	N	N	N N
SW Dakota St SD	45	SPU	8	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	100%	0%	ND	ND	N	N	60%	60%	ND	ND	N	N	80%	60%	ND	ND	N	N	20%	20%	ND	ND	N N
SW Idaho St SD	423	SPU	28	4%	4%	N	N	N	N	7%	7%	N	N	N	N	25%	0%	Y	N	N	Y ^h	29%	21%	N	N	N	N	43%	11%	Y	N	N	N	14%	7%	N	N	N N
SW Kenny St SD/T115 CSO	154	SPU	14	7%	7%	N	N	N	N	14%	14%	N	N	N	N	50%	0%	Y	N	N	Y ⁱ	71%	57%	N	N	N	N	79%	7%	Y	N	Y	N	21%	14%	N	N	N N
Highland Park Wy SW SD	289	SPU	17	0%	0%	ND	ND	N	N	0%	0%	ND	ND	N	N	35%	0%	ND	ND	N	Y ⁱ	82%	65%	ND	ND	Y	N	76%	0%	ND	ND	N	N	35%	0%	ND	ND	N N
1st Ave S SD, west	603	WSDOT	41	0%	0%	ND	ND	N	N	15%	8%	ND	ND	N	N	32%	7%	ND	ND	N	Y ⁱ	68%	65%	ND	ND	N	N	68%	13%	ND	ND	N	N	45%	25%	ND	ND	N N
2nd Ave S SD	38	Private	16	0%	0%	ND	ND	N	N	0%	0%	ND	ND	Y	N	50%	0%	ND	ND	Y	N	94%	75%	ND	ND	Y	N	94%	13%	ND	ND	N	N	50%	25%	ND	ND	N N
7th Ave S SD	238	SPU	50	2%	2%	N	N	Y ^a	Y ^h	8%	2%	N	N	Y ^a	Y ^h	53%	4%	Y	N	N	Y ^{hi}	67%	55%	Y	Y	Y	N	80%	2%	Y	N	N	N	47%	22%	N	N	N N
17th Ave S SD ^k	3	SPU	0	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND	N	ND	ND	ND	ND	ND N
S 96th St SD	42	Unknown	5	0%	0%	N	N	ND°	N	0%	0%	N	N	ND°	N	0%	0%	N	N	ND°	N	20%	0%	N	N	ND°	N	40%	0%	N	N	ND°	N	0%	0%	N	N	ND ^c N
Duwamish substation SDs	8	SCL	3	33%	33%	Υ	Y	N	N	33%	33%	Y	Y	N	N	0%	0%	N	N	N	N	33%	33%	ND	ND	N	N	33%	33%	ND	ND	N	N	67%	67%	Y	Y	N N

- ND = no data
 a. Closest station (73 ft from outfall) exceeded SCO for BEHP, butytl benzyl phthalate, and fluoranthene. Farther, upriver station (185 ft from outfall) exceeded SCO for multiple HPAH compounds. b. Source identified
 c. Closest surface sediment sample within 200 ft of outfall (LDW-SS13). No SMS exceedences.
 e. One station within 100 ft of outfall (DUD-1A) exceeded SCO in 2006 sample, but 2007-2009 below SCO in all samples within 200 ft of outfall.
 f. PCBs in S Snoqualmie St sub-basin
 g. Continue to find elevated HPAH
 h. Follow-up sampling after cleaning
 i. Continue operating and maintaining existing sediment trap(s)
 k. Outfall installed in 2015. System scheduled to go online in July 2016.
 l. One of 20 samples exceeded SMS. Sample collected in 2010. Only one of the 3 samples collected since 2010 exceeded the LAET.

Table J-13: Chemicals exceeding CSL/2LAET in near end-of-pipe inline samples.

SYS_SAMPLE_COD E	O SYS_LOC_ CODE	_ SAMPLE_I ATE	O OUTFALL	LOC_TYPE_2	Solids, Total	Total Organic Carbon	Arsenic	Copper	Lead	Mercury	Zinc	Motor Oil Range	Acenaphthe ne	Acenaphthy lene	Anthracene
1ST-ST1-042313	1ST-ST1	04/23/13	1st Ave S SD (west)	SedTrap	48.24	11.8	10 U	209	104	0.19 J	1,090	7,600	240 U	240 U	130 J
1ST-ST2-052314	1ST-ST2	05/23/14	1st Ave S SD (west)	SedTrap	46.35	13.3	20	123	61	0.22	2,010	12,000	290 U	290 U	290 U
1ST-ST1-110410	1st-ST1	11/04/10	1st Ave S SD (west)	SedTrap	49.3	7.89	10	180	93	0.16	793	5,900	200 U	200 U	380
1ST-ST1-030609	1st-ST1	03/06/09	1st Ave S SD (west)	SedTrap	46.7	9.04	9 U	177	81	0.14	647	11,000	200 U	200 U	200 U
1ST-ST2-030609	1st-ST2	03/06/09	1st Ave S SD (west)	SedTrap			20 U	121	128	0.2	579				
1ST-ST1-061512	1ST-ST1	06/15/12	1st Ave S SD (west)	SedTrap	39.2	4.3	8.6	120	60	0.12	635	4,300	130 U	130 U	130 U
1ST-ST2-110410	1st-ST2	11/04/10	1st Ave S SD (west)	SedTrap	49	5.54	10 U	96.1	111	0.11	466	1,500	130 U	130 U	130 U
1ST-ST1-042313-G	1ST-ST1	04/23/13	1st Ave S SD (west)	Inline	50.53	10.1	9 U	153	55	0.1	624	3,000	49 J	89 U	76 J
1ST-ST2-042313	1ST-ST2	04/23/13	1st Ave S SD (west)	SedTrap	40.9	9.43	10 U	66.7	77	0.12 J	333	1,400	120 U	120 U	120 U
HP-ST1-090508-G	1st-ST1	09/05/08	1st Ave S SD (west)	Inline	59	8.37	7	110	63	0.07 U	502	1,000	58 U	58 U	31 J
1ST-ST1-061512-G	1ST-ST1	06/15/12	1st Ave S SD (west)	Inline	59	9.61	9 U	108	40	0.06	447 J	3,600	81 U	81 U	57 J
1ST-ST2-061512	1ST-ST2	06/15/12	1st Ave S SD (west)	SedTrap	38.8	4.35	10 U	66.4	68	0.11	332	1,500	96 U	96 U	96 U
1ST-ST1-030609-G	1st-ST1	03/06/09	1st Ave S SD (west)	Inline	70	5.98	7 U	89.5	46	0.07	396	3,300	130 U	130 U	91 J
1ST-ST2-042313-G	1ST-ST2	04/23/13	1st Ave S SD (west)	Inline	79.04	2.44	7	26	66	0.03 U	167	280	58 U	58 U	58 U
1ST-ST2-030609-G	1st-ST2	03/06/09	1st Ave S SD (west)	Inline	73.7	2.14	7	23.6	32	0.05 U	143	910	59 U	59 U	59 U
HP-ST2-090508-G	1st-ST2	09/05/08	1st Ave S SD (west)	Inline	82.8	0.89	6 U	21	180	0.05 U	134	320	20 U	20 U	20 U
1ST-ST1-110410-G	1st-ST1	11/04/10	1st Ave S SD (west)	Inline	64.9	7.6	8 U	133	42	0.12	370	2,500	140 U	140 U	140 U
1ST-ST2-061512-G	1ST-ST2	06/15/12	1st Ave S SD (west)	Inline	73	5.11	7 U	72.1	25	0.03	122 J	370	19 U	19 U	15 J
1ST-ST2-110410-G	1st-ST2	11/04/10	1st Ave S SD (west)	Inline	74.6	3.43	6 U	19.9	25	0.02 U	108	330	20 U	20 U	20 U
HP-ST6-062012-G	HP-ST6	06/20/12	Highland Park Wy SW SD	Inline	36.2	7.07	29.5	140	150	0.24	932	2,100	100 U	100 U	100 U
HP-ST6-111810-G	HP-ST6	11/18/10	Highland Park Wy SW SD	Inline	37.1	10.2	30	166	167	0.33	928	2,600	270 U	270 U	270 U
HPST6-063014	HP-ST6	06/30/14	Highland Park Wy SW SD	Inline	35.53	7.71	30	129	200	0.25	888	2,000	130	97 U	82 J
HP-ST6-041509-G	HP-ST6	04/15/09	Highland Park Wy SW SD	Inline	42.6	6.9	30	160	162	0.31	882	3,800	140 U	140 U	140 U
HP-ST6-092508-G	HP-ST6	09/25/08	Highland Park Wy SW SD	Inline	20.3	6.64	30	144	150	0.26	876	470 U		59 U	59 U
HP-ST6-042313-G	HP-ST6	04/23/13	Highland Park Wy SW SD	Inline	33.17	9.57	30	130	152	0.28	842	1,600	110	79 U	75 J
HP-ST6-041509	HP-ST6	04/15/09	Highland Park Wy SW SD	SedTrap	35.6	7.53	30	145	148	0.34	779	4,800	160 U	160 U	160 U
HPST6-063014G	HP-ST6	06/30/14	Highland Park Wy SW SD	Inline	61.29	1.59	10	84.9	52	0.04	678	1,500	48 J	56 U	130
HP-ST6-111810	HP-ST6	11/18/10	Highland Park Wy SW SD	SedTrap	38.6	7.04	28.9	103	130	0.36	662	1,900	140 J	210 U	210 U
HP-ST6-062012	HP-ST6	06/20/12	Highland Park Wy SW SD	SedTrap	61.9	3.17	20	103	118	0.21	604	800	76	33 U	66
HP-ST6-042313	HP-ST6	04/23/13	Highland Park Wy SW SD	SedTrap	68.63	3.69	8	102	130	0.14 J	285	1,000	97 U	97 U	82 J
HP-ST4-031209	HP-ST4	03/12/09	Highland Park Wy SW SD	SedTrap	68.9	8.93	8 U	42.4	70	0.07 U	228	1,600	93 U	93 U	93 U
HP-ST4-041713	HP-ST4	04/17/13	Highland Park Wy SW SD	SedTrap	78.82	4.38	3.7	1,400	30	0.04	198	230	58 U	58 U	35 J
HP-ST4-091008-G	HP-ST4	09/10/08	Highland Park Wy SW SD	Inline	86.6	0.71	7	36.3	19	0.04 U	184	540	39 U	39 U	39 U
HP-ST4-061512	HP-ST4	06/15/12	Highland Park Wy SW SD	SedTrap	57.1	8.09	8 U	39.2	45	0.05	176	760	61 U	61 U	61 U
HP-ST4-111110	HP-ST4	11/11/10	Highland Park Wy SW SD	SedTrap	63.1	6.68	8 U	37.5	35	0.03 U	160	600	79 U	79 U	79 U
HPST4-051914	HP-ST4	05/19/14	Highland Park Wy SW SD	SedTrap	83.08	0.967	13	64.4	36	0.03 U	89	770	57 U	57 U	57 U
96-ST1-042513-G	96-ST1	04/25/13	S 96th St SD	Inline	77.81	0.38	6 U	15.9	15	0.03 U	296	69	19 U	19 U	19 U
96-ST1-062112-G	96-ST1	06/21/12	S 96th St SD	Inline	76.1	0.91	6 U	20.4	15	0.02 U	275	120 11	19 U	19 U	19 U
96-ST1-120110-G	96-ST1	12/01/10	S 96th St SD	Inline	74.1	0.771	7	14.4	14	0.02 U	267	120 U		20 U	20 U
96-ST1-062112	96-ST1	06/21/12	S 96th St SD	SedTrap	68.7	3	7 U	33.6	33	0.03	439	180	20	19 U	50
96-ST1-042513	96-ST1	04/25/13	S 96th St SD	SedTrap	68.21	4.03	7 U	38.2	42	0.07	482	250	98 U	98 U	98 U
96-ST1-042409-G	96-ST1	04/24/09	S 96th St SD	Inline	73.9	2.84	7	25.3	36	0.03	249	570	86	59 U	280
96-ST1-120110	96-ST1	12/01/10	S 96th St SD	SedTrap	59.9	5.89	9 U	56.1	63	0.04	593	480	89 U	89 U	89 U
96-ST1-121108-G	96-ST1	12/11/08	S 96th St SD	Inline	68.5	1.3	7	28.9	38	0.06 U	228	470	22	20 U	54
96-ST2-050914G	96-ST1	05/09/14	S 96th St SD	Inline	65.92	1.01	23	49.4	58	0.03	365	1,000	120 U	120 U	120 U
96-ST1-042409	96-ST1	04/24/09	S 96th St SD	SedTrap	48.9	16.9	20	60	82	0.07	406	1,400	210	69 U	580
96-ST2-050914	96-ST1	05/09/14	S 96th St SD	SedTrap	46.41	6.09 J	40	78	60	0.09	902	2,400	240 U	240 U	130 J
96-ST2-121108-G	96-ST2	12/11/08	S 96th St SD	Inline	78.7	0.84	6 U	18.8	31	0.05 U	396	190	19 U	19 U	32
96-ST2-062112-G	96-ST2	06/21/12	S 96th St SD	Inline	77.9	1.78	6 U	21.1	37	0.03	591	160	9 J	19 U	42
96-ST2-042409-G	96-ST2	04/24/09	S 96th St SD	Inline	70.1	3.39	7 U	23.2	63	0.04	410	330	60 U	60 U	60 U
96-ST2-042513-G	96-ST2	04/25/13	S 96th St SD	Inline	67.61	2.2	7 U	35.5	35	0.04	303	220	110	58 U	370

Table J-13: Chemicals exceeding CSL/2LAET in near end-of-pipe inline samples.

SYS_SAMPLE_COD	SYS_LOC_	_	OUTFALL	LOC_TYPE_2	Solids,	Total	Arsenic	Copper	Lead	Mercury	Zinc	Motor Oil	Acenaphthe	Acenaphthy	Anthracene
E	CODE	ATE			Total	Organic Carbon						Range	ne	lene	
96-ST3-051914G	96-ST2	05/19/14	S 96th St SD	Inline	78.46	0.704	12	18.8	22	0.03 U	348	130	7 J	19 U	22
96-ST2-042409	96-ST2	04/24/09	S 96th St SD	SedTrap	66.7	8.85	7 U	45.6	56	0.05	458	1,000	58 U	58 U	58 U
96-ST2-062112	96-ST2	06/21/12	S 96th St SD	SedTrap	54.7	6.01	10	47.7	54	0.06	360	910	20	20 U	86
96-ST2-120110-G	96-ST2	12/01/10	S 96th St SD	Inline	58.6	4.62	16	48.5	60	0.05	746	410	110	92 U	290
96-ST2-042513	96-ST2	04/25/13	S 96th St SD	SedTrap	44.34	6.33	20	53.7	45	0.06	373	1,000	74 J	98 U	180
96-ST3-051914	96-ST2	05/19/14	S 96th St SD	SedTrap	64	4.03	21	63.5	61	0.07	718	1,000	57 U	57 U	54 J
96-ST2-120110	96-ST2	12/01/10	S 96th St SD	SedTrap	45.5	9.13	30	81.1	96	0.1	669	2,100	240 U	240 U	210 J
MH206-011509-G	MH206	01/15/09	S Nevada St SD	Inline	67	2.72	9	98.6	301	0.35	489	630	100	20 J	180
NST5-110310	NST5	11/03/10	S Norfolk St CSO/PS17 EOF/SD	SedTrap	28.8		40 U	124	160	0.16	1,680		1,200 U	1,200 U	1,200 U
NST5-052813	NST5	05/28/13	S Norfolk St CSO/PS17 EOF/SD	SedTrap	39.86	5.49	30	95	110	0.18	1,140		180 U	180 U	180 U
NST5-100208	NST5	10/02/08	S Norfolk St CSO/PS17 EOF/SD	SedTrap											
NST5-100709	NST5	10/07/09	S Norfolk St CSO/PS17 EOF/SD	SedTrap											
NST5-063014	NST5	06/30/14	S Norfolk St CSO/PS17 EOF/SD	Inline	34.28	3.33	30	127	533	0.15	1,670				-
IDST2-051914	ID-ST2	05/19/14	SW Idaho St SD	SedTrap	63.09	0.97	15	30.6	20	0.05	122	340	58 U	58 U	58 U
KN-ST1-042513-G	KN-ST1	04/25/13	SW Kenny St SD/T115 CSO	Inline	52.38	3.82	58	174	462	0.32	742	2,100	130	68	270
KN-ST1-111810-G	KN-ST1	11/18/10	SW Kenny St SD/T115 CSO	Inline	37.7	3.9	55	161	436	0.32	711	2,200	69 J	110 U	200
KEN-ST1-050610G	KN-ST1	05/06/10	SW Kenny St SD/T115 CSO	Inline	50.8	4.03	70	193	470	0.42	879	2,300	140	88	1,400
KEN-ST1-091008-G	KN-ST1	09/10/08	SW Kenny St SD/T115 CSO	Inline	45.6	4.48	30	147	223	0.40	707	660	75 U	75 U	75 U
KN-ST1-111810	KN-ST1	11/18/10	SW Kenny St SD/T115 CSO	SedTrap	37.7	7.82	30	129	82	0.18	566	1,500	100 U	100 U	140
KN-ST1-062012	KN-ST1	06/20/12	SW Kenny St SD/T115 CSO	SedTrap	38.1	5.24	8 U	61.6	35	0.09	228	700	30	18 U	120
KN-ST1-031709-G	KN-ST1	03/17/09	SW Kenny St SD/T115 CSO	Inline	51.5	5.03	34	156	184	0.19	771	4,600	120 U	120 U	160
KNST1-063014	KN-ST1	06/30/14	SW Kenny St SD/T115 CSO	Inline	47.64	3.35	20	87.4	57	0.15	445	2,400	84 U	84 U	97
KN-ST1-031709	KN-ST1	03/17/09	SW Kenny St SD/T115 CSO	SedTrap	49.2	3.65	10	96.8	69	0.11	463	4,700	150 U	150 U	250
KN-ST1-042513	KN-ST1	04/25/13	SW Kenny St SD/T115 CSO	SedTrap	50.41	4.34	16	75.2	65	0.18	420	1,400	99 U	99 U	74 J
KN-ST1-062012-G	KN-ST1	06/20/12	SW Kenny St SD/T115 CSO	Inline	52.8	4.97	43	155	458	0.33	643	3,100	73 J	77 U	220
DS-CB-H1	DS-CB-H1	12/16/14	Duwamish substation SD #2	СВ			10	120	150	0.05	550	4,900 J	3,200	650 U	4,900
DS-CB-I3	DS-CB-I3	12/16/14	Duwamish substation SD #3	СВ			4.9	82	48	0.019 J	240	1,400 J	360 U	360 U	360 U
LAET							57	390	450	0.41	410	2,000	500	1,300	960
2LAET							93	390	530	0.59	960	2,000	730	1,300	4,400

Units: Metals and motor oil: mg/kg, organic compounds: ug/kg dw

Bold = chemical detected

Concentration exceeds the SQS/LAET, MTCA Method A soil cleanup level for unrestricted use (TPH only)

Concentration exceeds the CSL/2LAET

J = Concentration is less than the reporting limit.

U = Chemical not detected at concentration shown

Y = Chemical not detected at concentration shown. Reporting limit raised due to background interference.

B = Analyte detected in associated method blank at concentration >5% of 1) the reporting limit, 2) the regulatory limit, or 3) the analyte concentration in the sample.

NJ = Detection of the analyte is not confirmed and the reported value is an estimate.

UJ = Analyte is not detected at the reporting limit and the reporting limit is an estimated value

Table J-13: Chemicals exceeding CSL/2LAET in near end-of-pipe inline samples.

SYS_SAMPLE_COD		SAMPLE_D	OUTFALL	LOC_TYPE_2	Fluorene	LPAH LP Na	•	Phenanthre	Benzo(a)ant	Benzo(a)pyr	Benzo(G,H,I	Benzofluor	Chrysene	Dibenzo(A,	Fluoranthe
E	CODE	ATE				AH Qu	е	ne	hracene	ene)perylene	anthenes, Total		H)anthrace ne	ne
						alif									
IST-ST1-042313	1ST-ST1	04/23/13	1st Ave S SD (west)	SedTrap	240 U	950 J	130 J	690	440	540	800	1,300	1,100	200 J	1,200
1ST-ST2-052314	1ST-ST2	05/23/14	1st Ave S SD (west)	SedTrap	290 U	950 J	160 J	790	540	620	810	1,400	1,200	290 U	1,600
1ST-ST1-110410	1st-ST1	11/04/10	1st Ave S SD (west)	SedTrap	160 J	2,540 J	200 U	2,000	810	1,100	440	2,300	1,600	200 U	3,300
ST-ST1-030609	1st-ST1	03/06/09	1st Ave S SD (west)	SedTrap	200 U	590	200 U	590	340	310	290	840	730	200 U	1,000
1ST-ST2-030609	1st-ST2	03/06/09	1st Ave S SD (west)	SedTrap											
ST-ST1-061512	1ST-ST1	06/15/12	1st Ave S SD (west)	SedTrap	82 J	726 J	94 J	550	300	340	270	900	720	130 U	980
IST-ST2-110410	1st-ST2	11/04/10	1st Ave S SD (west)	SedTrap	130 U	260	130 U	260	210	330	190	740	450	130 U	670
IST-ST1-042313-G	1ST-ST1	04/23/13	1st Ave S SD (west)	Inline	58 J	719 J	76 J	460	240	340	260	740	540	62 J	620
ST-ST2-042313 HP-ST1-090508-G	1ST-ST2 1st-ST1	04/23/13	1st Ave S SD (west)	SedTrap Inline	120 U	190 171 J	120 U 58 U	190 140	130 130	170 140	220	310 400	240 240	120 U 58 U	310 310
IST-ST1-090508-G	1ST-ST1	09/05/08 06/15/12	1st Ave S SD (west) 1st Ave S SD (west)	Inline	58 U 40 J	470 J	58 U	320	190	220	90 230	500	430	89	620
IST-ST1-061512-G	1ST-ST1	06/15/12	1st Ave S SD (west)	SedTrap	96 U	120	96 U	120	110	120	86 J	290	190	96 U	270
IST-ST1-030609-G	1st-ST1	03/06/09	1st Ave S SD (west)	Inline	130 U	491 J	130 U	400	250	230	120 J	620	720	130 U	600
IST-ST2-042313-G	1ST-ST2	04/23/13	1st Ave S SD (west)	Inline	58 U	58 U	58 U	58 U	58 U		58 U	55 J	46 J	58 U	58
ST-ST2-030609-G	1st-ST2	03/06/09	1st Ave S SD (west)	Inline	59 U	35 J	59 U	35 J	59 U		59 U	90 J	54 J	59 U	53
IP-ST2-090508-G	1st-ST2	09/05/08	1st Ave S SD (west)	Inline	20 U	13 J	20 U	13 J	20 U		20 U	26 J	19 J	20 U	26
ST-ST1-110410-G	1st-ST1	11/04/10	1st Ave S SD (west)	Inline	140 U	240	140 U	240	190	280	180	670	420	140 U	550
ST-ST2-061512-G	1ST-ST2	06/15/12	1st Ave S SD (west)	Inline	11 J	131 J	9 J	96	76	83	49	160	110	26	190
ST-ST2-110410-G	1st-ST2	11/04/10	1st Ave S SD (west)	Inline	20 U	35 J	10 J	25	22	28	18 J	72	47	20 U	65
HP-ST6-062012-G	HP-ST6	06/20/12	Highland Park Wy SW SD	Inline	100 U	96 J	100 U	96 J	76 J	110	110	260	180	100 U	230
IP-ST6-111810-G	HP-ST6	11/18/10	Highland Park Wy SW SD	Inline	270 U	550	270 U	550	460	630	550	1,500	880	270 U	1,600
IPST6-063014	HP-ST6	06/30/14	Highland Park Wy SW SD	Inline	120	734 J	82 J	320	160	220	230	570	470	97 U	610
IP-ST6-041509-G	HP-ST6	04/15/09	Highland Park Wy SW SD	Inline	140 U	160	140 U	160	140	190	140 U	510	310	140 U	400
HP-ST6-092508-G	HP-ST6	09/25/08	Highland Park Wy SW SD	Inline	59 U	190	59 U	190	130	150	140	420	290	59 U	380
IP-ST6-042313-G	HP-ST6	04/23/13	Highland Park Wy SW SD	Inline	110	965 J	270	400	190	260	240	610	420	63 J	560
HP-ST6-041509	HP-ST6	04/15/09	Highland Park Wy SW SD	SedTrap	160 U	370	160 U	370	160	160 U	160 U	370	280	160 U	620
HPST6-063014G	HP-ST6	06/30/14	Highland Park Wy SW SD	Inline	45 J	452 J	39 J	190	240 J	250	150	630	450	39 J	540
HP-ST6-111810	HP-ST6	11/18/10	Highland Park Wy SW SD	SedTrap	210 U	420 J	210 U	280	240	300	220	780	570	210 U	920
HP-ST6-062012	HP-ST6	06/20/12	Highland Park Wy SW SD	SedTrap	33	345 J	30 J	140	110	91	98	250	250	26 J	400
HP-ST6-042313	HP-ST6	04/23/13	Highland Park Wy SW SD	SedTrap	97 U	372 J	97 U	290	440	460	330	860	490	140	890
HP-ST4-031209	HP-ST4	03/12/09	Highland Park Wy SW SD	SedTrap	93 U	58	93 U	58 J	93 U	93 U	93 U	59 J	72 J	93 U	93
HP-ST4-041713	HP-ST4	04/17/13	Highland Park Wy SW SD	SedTrap	58 U	255 J	58 U	220	140	160	120	300	220	32 J	400
HP-ST4-091008-G	HP-ST4	09/10/08	Highland Park Wy SW SD	Inline	39 U	34 J	39 U	34 J	34 J	37 J	39 U	111	55	39 U	110
HP-ST4-061512	HP-ST4	06/15/12	Highland Park Wy SW SD	SedTrap	61 U	64	61 U	64	34 J	46 J	40 J	110 J	76	61 U	110
HP-ST4-111110	HP-ST4	11/11/10	Highland Park Wy SW SD	SedTrap	79 U	140	79 U	140	78 J	92	56 J	200	140	79 U	270
IPST4-051914	HP-ST4	05/19/14	Highland Park Wy SW SD	SedTrap	57 U	43 J	57 U	43 J	57 U	31 J	37 J	77 J	71	57 U	63
6-ST1-042513-G	96-ST1	04/25/13	S 96th St SD	Inline	19 U	21	19 U	21	21	22	14 J	46	32	19 U	52
6-ST1-062112-G	96-ST1	06/21/12	S 96th St SD	Inline	19 U	15 J	19 U	15 J	19 U	17 J	10 J	45	22	19 U	35
6-ST1-120110-G	96-ST1	12/01/10	S 96th St SD	Inline	20 U	21	20 U	21	17 J	17 J	13 J	36	22	20 U	46
6-ST1-062112	96-ST1	06/21/12	S 96th St SD	SedTrap	23	374 J	11 J	270	210	230	120	460	280	38	550
6-ST1-042513	96-ST1	04/25/13	S 96th St SD	SedTrap	98 U	170	98 U	170	130	160	130	300	190	49 J	300
6-ST1-042409-G	96-ST1	04/24/09	S 96th St SD	Inline	120	1,886	59 U	1,400	710	750	270	1,700	820	93	2,000
6-ST1-120110	96-ST1	12/01/10	S 96th St SD	SedTrap	89 U	190	89 U	190	150	190	150	370	270	89 U	460
6-ST1-121108-G	96-ST1	12/11/08	S 96th St SD	Inline	25	361	20 U	260	160	160	54	320	200	20 U	370
6-ST2-050914G	96-ST1	05/09/14	S 96th St SD	Inline	120 U	88 J	120 U	88 J	82 J	110 J	82 J	220 J	130	120 U	190
6-ST1-042409	96-ST1	04/24/09	S 96th St SD	SedTrap	250	3,515	75	2,400	1,100	1,200	490	2,700	1,400	170	3,300
6-ST2-050914	96-ST1	05/09/14	S 96th St SD	SedTrap	240 U	830 J	240 U	700	390	480	370	880	580	240 U	1,000
6-ST2-121108-G	96-ST2	12/11/08	S 96th St SD	Inline	19 U	182	19 U	150	120	110	35	220	130	19 U	260
6-ST2-062112-G	96-ST2	06/21/12	S 96th St SD	Inline	34	295 J	19 U	210	130	160	62	310	190	24	360
6-ST2-042409-G	96-ST2	04/24/09	S 96th St SD	Inline	60 U	200	60 U	200	140	160	69	410	190	60 U	350
		04/25/13	S 96th St SD				58 U	1,600	760	790	340	1,300	870	120	2,000

Table J-13: Chemicals exceeding CSL/2LAET in near end-of-pipe inline samples.

SYS_SAMPLE_COD	SYS_LOC_	SAMPLE_	OUTFALL	LOC_TYPE_2	Fluorene	LPAH LP N	aphthalen	Phenanthre	Benzo(a)ant	Benzo(a)pyr	Benzo(G,H,I	Benzofluor	Chrysene	Dibenzo(A,	Fluoranthe
E	CODE	ATE				AH	е	ne	hracene	ene)perylene	anthenes,	-	H)anthrace	ne
						Qu						Total		ne	
						alif									
96-ST3-051914G	96-ST2	05/19/14	S 96th St SD	Inline	19 U	104 J	19 U	75	61	65	30	120	74	19 U	120
96-ST2-042409	96-ST2	04/24/09	S 96th St SD	SedTrap	58 U	210	58 U	210	160	170	74	490	240	58 U	440
96-ST2-062112	96-ST2	06/21/12	S 96th St SD	SedTrap	40	632	36	450	300	320	150	650	450	73	770
96-ST2-120110-G	96-ST2	12/01/10	S 96th St SD	Inline	140	1,740	92 U	1,200	610	550	270	1,000	680	92 U	1,700
96-ST2-042513	96-ST2	04/25/13	S 96th St SD	SedTrap	100	1,398 J	54 J	990	490	560	400	990	670	150	1,300
96-ST3-051914	96-ST2	05/19/14	S 96th St SD	SedTrap	57 U	352 J	28 J	270	220	280	230	570	360	54 J	570
96-ST2-120110	96-ST2	12/01/10	S 96th St SD	SedTrap	240 U	1,310 J	240 U	1,100	700	770	610	1,500	1,000	240 U	2,100
MH206-011509-G	MH206	01/15/09	S Nevada St SD	Inline	120	1,786 J	66	1,300	500	650	270	1,290	600	60 J	1,800
NST5-110310	NST5	11/03/10	S Norfolk St CSO/PS17 EOF/SD	SedTrap	1,200 U	1,400	1,200 U	1,400	1,300	1,800	2,400	4,200	2,500	740 J	3,400
NST5-052813	NST5	05/28/13	S Norfolk St CSO/PS17 EOF/SD	SedTrap	180 U	700	180	520	270	480	890	1,200	670	140 J	830
NST5-100208	NST5	10/02/08	S Norfolk St CSO/PS17 EOF/SD	SedTrap											
NST5-100709	NST5	10/07/09	S Norfolk St CSO/PS17 EOF/SD	SedTrap											
NST5-063014	NST5	06/30/14	S Norfolk St CSO/PS17 EOF/SD	Inline											
IDST2-051914	ID-ST2	05/19/14	SW Idaho St SD	SedTrap	58 U	122 J	29 J	93	55 J	72	78	190	110	58 U	150
KN-ST1-042513-G	KN-ST1	04/25/13	SW Kenny St SD/T115 CSO	Inline	100	1,194	96	530	430	570	440	1,400	920	130	1,200
KN-ST1-111810-G	KN-ST1	11/18/10	SW Kenny St SD/T115 CSO	Inline	110 U	589 J	110 U	320	150	540	410	1,300	790	110 U	1,100
KEN-ST1-050610G	KN-ST1	05/06/10	SW Kenny St SD/T115 CSO	Inline	270	5,240 J	42 J	3,300	990 J	1,100	560	3,400	2,400 J	190	6,900
KEN-ST1-091008-G	KN-ST1	09/10/08	SW Kenny St SD/T115 CSO	Inline	75 U	85	75 U	85	91	150	93	610	210	75 U	420
KN-ST1-111810	KN-ST1	11/18/10	SW Kenny St SD/T115 CSO	SedTrap	64 J	764 J	100 U	560	280	600	470	2,300	1,300	100 U	1,400
KN-ST1-062012	KN-ST1	06/20/12	SW Kenny St SD/T115 CSO	SedTrap	47	640	33	410	370	400	320	1,200	720	120	1,000
KN-ST1-031709-G	KN-ST1	03/17/09	SW Kenny St SD/T115 CSO	Inline	120 U	470	120 U	310	400	620	640 J	1,720	710	160	1,100
KNST1-063014	KN-ST1	06/30/14	SW Kenny St SD/T115 CSO	Inline	80 J	784 J	67 J	540	340	480	530	1,600	910	84 U	940
KN-ST1-031709	KN-ST1	03/17/09	SW Kenny St SD/T115 CSO	SedTrap	150 U	1,450	150 U	1,200	700	740	760	2,300	1,400	250	2,100
KN-ST1-042513	KN-ST1	04/25/13	SW Kenny St SD/T115 CSO	SedTrap	99 U	523 J	69 J	380	250	320	420	1,000	590	130	620
KN-ST1-062012-G	KN-ST1	06/20/12	SW Kenny St SD/T115 CSO	Inline	58 J	787 J	46 J	390	340	440	270	1,100	710	120	1,000
DS-CB-H1	DS-CB-H1	12/16/14	Duwamish substation SD #2	СВ	12,000	39,000 J	530 J	28,000	12,000	13,000	4,000	28,000	14,000	1,400	36,000
DS-CB-I3	DS-CB-I3	12/16/14	Duwamish substation SD #3	СВ	190 J	310 J	360 U	310 J	190 J	180 J	94 J	480 J	300 J	710 U	470
LAET					540	5,200	2,100	1,500	1,300	1,600	670	3,200	1,400	230	1,700
2LAET					1,000	13,000	2,400	5,400	1,600	3,000	720	3,600	2,800	540	2,500

Units: Metals and motor oil: mg/kg, organic compounds: ug/kg dw

Bold = chemical detected

Concentration exceeds the SQS/LAET, MTCA Method A soil cleanup level for unrest Concentration exceeds the CSL/2LAET

J = Concentration is less than the reporting limit.

U = Chemical not detected at concentration shown

Y = Chemical not detected at concentration shown. Reporting limit raised due to background interference.

B = Analyte detected in associated method blank at concentration >5% of 1) the reporting limit, 2) the regula

NJ = Detection of the analyte is not confirmed and the reported value is an estimate.

UJ = Analyte is not detected at the reporting limit and the reporting limit is an estimated value

Table J-13: Chemicals exceeding CSL/2LAET in near end-of-pipe inline samples.

SYS_SAMPLE_COD			OUTFALL	LOC_TYPE_2	HPAH	Indeno(1,2,	Pyrene	Bis(2-	Butylbenzyl	Diethylphth	Dimethylpht	Total PCBs	Benzoic	Benzyl
E	CODE	ATE				3- Cd)pyrene		ethylhexyl)p hthalate	phthalate	alate	halate		acid	alcohol
1ST-ST1-042313	1ST-ST1	04/23/13	1st Ave S SD (west)	SedTrap	8,070 J	690	1,800	18,000	490	610 U	130 J	196	4,900 UJ	450
IST-ST2-052314	1ST-ST2	05/23/14	1st Ave S SD (west)	SedTrap	8,650	380	2,100	27,000	520	290 U	290 U	368 J	2,900 U	250 J
ST-ST1-110410	1st-ST1	11/04/10	1st Ave S SD (west)	SedTrap	12,150	200 U	2,600	11,000 B		200 U	200 U	18 U	430 J	200 U.
ST-ST1-030609	1st-ST1	03/06/09	1st Ave S SD (west)	SedTrap	4,870 J	160 J	1,200	13,000	260	200 U	200 U	57	2,000 U	200 U
ST-ST2-030609	1st-ST2	03/06/09	1st Ave S SD (west)	SedTrap	1,010 0	100 0	.,200	10,000	200			43	_,000	
ST-ST1-061512	1ST-ST1	06/15/12	1st Ave S SD (west)	SedTrap	4,610	130 U	1,100	9,200	990	320 U	130 U	550	710 J	2,000
ST-ST2-110410	1st-ST2	11/04/10	1st Ave S SD (west)	SedTrap	3,270 J	130 J	550	6,800 B	220	130 U	130 U	75	750 J	130 U
ST-ST1-042313-G	1ST-ST1	04/23/13	1st Ave S SD (west)	Inline	3,892 J	150	940	8,900	280	220 U		93	670 J	200
ST-ST2-042313	1ST-ST2	04/23/13	1st Ave S SD (west)	SedTrap	1,940	190	370	4,100	190	290 U	120 U	72	2,500 J	1,000
IP-ST1-090508-G	1st-ST1	09/05/08	1st Ave S SD (west)	Inline	1,883 J	53 J	520	2,400	210	58 U	97	61	580 U	58 U
ST-ST1-061512-G	1ST-ST1	06/15/12	1st Ave S SD (west)	Inline	3,149	140	730	5,000 B	950	200 U	36,000	132	560 J	470
ST-ST2-061512	1ST-ST2	06/15/12	1st Ave S SD (west)	SedTrap	1,394 J	58 J	270	2,800	58 J	240 U	96 U	118 J	640 J	530
ST-ST1-030609-G	1st-ST1	03/06/09	1st Ave S SD (west)	Inline	3,350 J	80 J	730	8,100	300	130 U	120 J	20	1,300 U	130 U
ST-ST2-042313-G	1ST-ST2	04/23/13	1st Ave S SD (west)	Inline	225 J	58 U	66	430	58 U	140 U	58 U	18 U	1,200 U	58 U
ST-ST2-030609-G	1st-ST2	03/06/09	1st Ave S SD (west)	Inline	269 J	59 U	72	3,200	77	59 U		20 U	590 U	59 U
IP-ST2-090508-G	1st-ST2	09/05/08	1st Ave S SD (west)	Inline	98 J	20 U	27	190	64	20 U	20 U	20 U	200 U	20 U
ST-ST1-110410-G	1st-ST1	11/04/10	1st Ave S SD (west)	Inline	3,000 J	110 J	600	4,500 B	90 J	140 U	140 U	73	1,400 U	140 U
ST-ST2-061512-G	1ST-ST2	06/15/12	1st Ave S SD (west)	Inline	892	38	160	650 B	1,400	47 U		12 J	380 U	47
ST-ST2-001312-G	1st-ST2	11/04/10	1st Ave S SD (west)	Inline	311 J	20 U	59	570 B	1,400	52	230 14 J	20 U	200 U	20 U
IP-ST6-062012-G	HP-ST6	06/20/12	Highland Park Wy SW SD	Inline	1,257 J	61 J	230	1,800	160	250 U	66 J	271 J	570 J	160
IP-ST6-111810-G	HP-ST6	11/18/10		Inline	-			9,900 B	660	270 U	270 U	245	2,700 U	270 U
IPST6-063014	HP-ST6		Highland Park Wy SW SD Highland Park Wy SW SD	Inline	7,310	390	1,300			97 U			2,700 U 740 J	
IP-ST6-063014		06/30/14		Inline	3,100	130	710	5,000	560			367 J		960
	HP-ST6	04/15/09	Highland Park Wy SW SD		1,940	140 U	390	5,100	600	140 U		83 20 U	1,400 U	140 U
IP-ST6-092508-G	HP-ST6	09/25/08	Highland Park Wy SW SD	Inline Inline	2,008	98	400	4,500	570	59 U			590 U	430
IP-ST6-042313-G		04/23/13	Highland Park Wy SW SD		3,113 J	150	620	4,000	780	200 U	79 U	205	1,200 J	370
IP-ST6-041509	HP-ST6	04/15/09	Highland Park Wy SW SD	SedTrap	1,880	160 U	450	4,000	400	160 U	160 U	70	1,600 U	160 U
IPST6-063014G	HP-ST6	06/30/14	Highland Park Wy SW SD	Inline	2,989 J	130	560	2,000	190	56 U	320	700	180 J	130
IP-ST6-111810	HP-ST6	11/18/10	Highland Park Wy SW SD	SedTrap	3,790	210 U	760	6,500 B	400	210 U	210 U	152	2,100 U	210 U
IP-ST6-062012	HP-ST6	06/20/12	Highland Park Wy SW SD	SedTrap	1,640 J	65	350	1,200 B	150	83 U	33 U	267 J	350 J	250
IP-ST6-042313	HP-ST6	04/23/13	Highland Park Wy SW SD	SedTrap	4,770	290	870	3,100	170	240 U	92 J	85	1,900 UJ	97 U
IP-ST4-031209	HP-ST4	03/12/09	Highland Park Wy SW SD	SedTrap	334 J	93 U	110	7,300	420	93 U	93 U	22	930 U	93 U
IP-ST4-041713	HP-ST4	04/17/13	Highland Park Wy SW SD	SedTrap	1,862 J	100	390	3,800	170	150 U	58 U	14 J	1,200 U	100
IP-ST4-091008-G	HP-ST4	09/10/08	Highland Park Wy SW SD	Inline	428 J	39 U	81	290	39 U	39 U		19 U	390 U	39 U
IP-ST4-061512	HP-ST4	06/15/12	Highland Park Wy SW SD	SedTrap	536 J	61 U	120	3,000	67	150 U	61 U	490	1,200 U	46 J
P-ST4-111110	HP-ST4	11/11/10	Highland Park Wy SW SD	SedTrap	1,056 J	79 U	220	1,400	79 U	79 U		20 U	790 U	430
PST4-051914	HP-ST4	05/19/14	Highland Park Wy SW SD	SedTrap	362 J	57 U	83	960	140	57 U		34 U	570 U	57 U
6-ST1-042513-G	96-ST1	04/25/13	S 96th St SD	Inline	245 J	10 J	48	260	21	48 U	19 U	18 U	380 U	19 U
6-ST1-062112-G	96-ST1	06/21/12	S 96th St SD	Inline	158 J	19 U	29	110	19 U	46 U		19 U	370 U	19 L
6-ST1-120110-G	96-ST1	12/01/10	S 96th St SD	Inline	194 J	11 J	32	130 U	20 U	29 U		19 U	200 U	97 L
6-ST1-062112	96-ST1	06/21/12	S 96th St SD	SedTrap	2,458	120	450	670 B	60	47 U		14 J	380 U	36
6-ST1-042513	96-ST1	04/25/13	S 96th St SD	SedTrap	1,659 J	110	290	820	140	240 U	98 U	30 J	2,000 UJ	98 L
6-ST1-042409-G	96-ST1	04/24/09	S 96th St SD	Inline	8,403	260	1,800	620	140	59 U	59 U	19 U	590 U	59 L
6-ST1-120110	96-ST1	12/01/10	S 96th St SD	SedTrap	2,010	120	300	1,100 B	85 J	89 U	89 U	28	890 U	440 L
6-ST1-121108-G	96-ST1	12/11/08	S 96th St SD	Inline	1,737	53	420	920	28	20 U	24	89	200 U	20 L
6-ST2-050914G	96-ST1	05/09/14	S 96th St SD	Inline	1,069 J	65 J	190	680	120 U	120 U	120 U	37 J	1,200 UJ	120 U
6-ST1-042409	96-ST1	04/24/09	S 96th St SD	SedTrap	13,900	440	3,100	3,300	130	69 U	69 U	20 U	690 U	69 L
6-ST2-050914	96-ST1	05/09/14	S 96th St SD	SedTrap	4,950	300	950	2,500	240 U	240 U	190 J	73	2,400 UJ	240 L
6-ST2-121108-G	96-ST2	12/11/08	S 96th St SD	Inline	1,170	35	260	170	37	19 U	19 U	19 U	190 U	19 L
6-ST2-062112-G	96-ST2	06/21/12	S 96th St SD	Inline	1,607	61	310	210	19 U	34 J	100	19 U	370 U	19 L
6-ST2-042409-G	96-ST2	04/24/09	S 96th St SD	Inline	1,729	60	350	640	60 U	60 U	60 U	19 U	600 U	94
6-ST2-042513-G	96-ST2	04/25/13	S 96th St SD	Inline	8,320	340	1,800	870	58 U	140 U	110	24 U	1,200 U	58 L

Table J-13: Chemicals exceeding CSL/2LAET in near end-of-pipe inline samples.

SYS_SAMPLE_COD E	CODE	ATE		LOC_TYPE_2	НРАН	Indeno(1,2, 3- Cd)pyrene	Pyrene	Bis(2- ethylhexyl)p hthalate	Butylbenzyl phthalate	alate	Dimethylpht halate	Total PCBs	Benzoic acid	Benzyl alcohol
96-ST3-051914G	96-ST2	05/19/14	S 96th St SD	Inline	602	32	100	230	19 U	19 U	19 U	18 U	60 J	19 U
96-ST2-042409	96-ST2	04/24/09	S 96th St SD	SedTrap	2,075	61	440	1,500	110	58 U	58 U	19 U	580 U	92
96-ST2-062112	96-ST2	06/21/12	S 96th St SD	SedTrap	3,543	140	690	850 B	89	76	41	82 J	340 J	82
96-ST2-120110-G	96-ST2	12/01/10	S 96th St SD	Inline	6,180	270	1,100	730 B	100	92 U	92 U	20 U	920 U	460 UJ
96-ST2-042513	96-ST2	04/25/13	S 96th St SD	SedTrap	6,100	340	1,200	2,400	130	240 U	240	50 J	750 J	200
96-ST3-051914	96-ST2	05/19/14	S 96th St SD	SedTrap	2,964 J	180	500	2,100	500	57 U	57	92	870	190
96-ST2-120110	96-ST2	12/01/10	S 96th St SD	SedTrap	8,670	490	1,500	4,500 B	550	240 U	130 J	62	2,400 U	1,200 UJ
MH206-011509-G	MH206	01/15/09	S Nevada St SD	Inline	6,750 J	280	1,300	1,300	84	39 U	39 U	201	390 U	39 U
NST5-110310	NST5	11/03/10	S Norfolk St CSO/PS17 EOF/SD	SedTrap	21,040 J	1,800	2,900	30,000 B	1,200 U	1,200 U	1,200 U	380	12,000 U	1,200 UJ
NST5-052813	NST5	05/28/13	S Norfolk St CSO/PS17 EOF/SD	SedTrap	6,010 J	640	890	2,000	190	440 U	180 U	400	3,500 U	180 UJ
NST5-100208	NST5	10/02/08	S Norfolk St CSO/PS17 EOF/SD	SedTrap								136		
NST5-100709	NST5	10/07/09	S Norfolk St CSO/PS17 EOF/SD	SedTrap								530		
NST5-063014	NST5	06/30/14	S Norfolk St CSO/PS17 EOF/SD	Inline								680		
IDST2-051914	ID-ST2	05/19/14	SW Idaho St SD	SedTrap	840 J	55 J	130	2,900	55 J	58 U	58 U	92	670	490
KN-ST1-042513-G	KN-ST1	04/25/13	SW Kenny St SD/T115 CSO	Inline	6,640	350	1,200	3,100	330	170 U	68 U	710	1,400 U	110
KN-ST1-111810-G	KN-ST1	11/18/10	SW Kenny St SD/T115 CSO	Inline	5,410	310	810	2,000 B	110 U	110 U	110 U	403	1,100 U	110 U
KEN-ST1-050610G	KN-ST1	05/06/10	SW Kenny St SD/T115 CSO	Inline	19,030 J	590	2,900 J	2,900 J	150 J	77 UJ	77 U	400	770 U	77 U
KEN-ST1-091008-G	KN-ST1	09/10/08	SW Kenny St SD/T115 CSO	Inline	1,947	83	290	830	75 U	75 U	75 U	298	750 U	75 U
KN-ST1-111810	KN-ST1	11/18/10	SW Kenny St SD/T115 CSO	SedTrap	7,800	450	1,000	5,500 B	160	100 U	100 U	187	1,000 U	100 U
KN-ST1-062012	KN-ST1	06/20/12	SW Kenny St SD/T115 CSO	SedTrap	5,210	280	800	1,400 B	72	46 U	18 U	179 J	320 J	380
KN-ST1-031709-G	KN-ST1	03/17/09	SW Kenny St SD/T115 CSO	Inline	6,850 J	560 J	940	2,100 B	140	120 U	120 U	167	1,200 U	120 U
KNST1-063014	KN-ST1	06/30/14	SW Kenny St SD/T115 CSO	Inline	6,170	400	970	3,700	520	84 U	84 U	155	840 UJ	600
KN-ST1-031709	KN-ST1	03/17/09	SW Kenny St SD/T115 CSO	SedTrap	10,690	640	1,800	4,900 B	160	150 U	150 U	100	1,500 U	150 U
KN-ST1-042513	KN-ST1	04/25/13	SW Kenny St SD/T115 CSO	SedTrap	4,370	370	670	3,400	270	250 U	99 U	93	2,000 UJ	470
KN-ST1-062012-G	KN-ST1	06/20/12	SW Kenny St SD/T115 CSO	Inline	5,090	240	870	1,600	77 U	190 U	77 U	18 U	1,500 U	54 J
DS-CB-H1	DS-CB-H1	12/16/14	Duwamish substation SD #2	СВ	140,000	5,100	30,000	19,000 U	6,500 U	6,500 U	390 J	62 J	81,000 U	3,200 U
DS-CB-I3	DS-CB-I3	12/16/14	Duwamish substation SD #3	СВ	2,300 J	120 J	420	11,000 U	3,600 U	3,600 U	260 J	35 J	44,000 U	1,800 U
LAET					12,000	600	2,600	1,300	63	200	71	130	650	57
2LAET					17,000	690	3,300	1,900	900	1,200	160	1,000	650	73

Units: Metals and motor oil: mg/kg, organic compounds: ug/kg dw

Bold = chemical detected

Concentration exceeds the SQS/LAET, MTCA Method A soil cleanup level for unrest Concentration exceeds the CSL/2LAET

J = Concentration is less than the reporting limit.

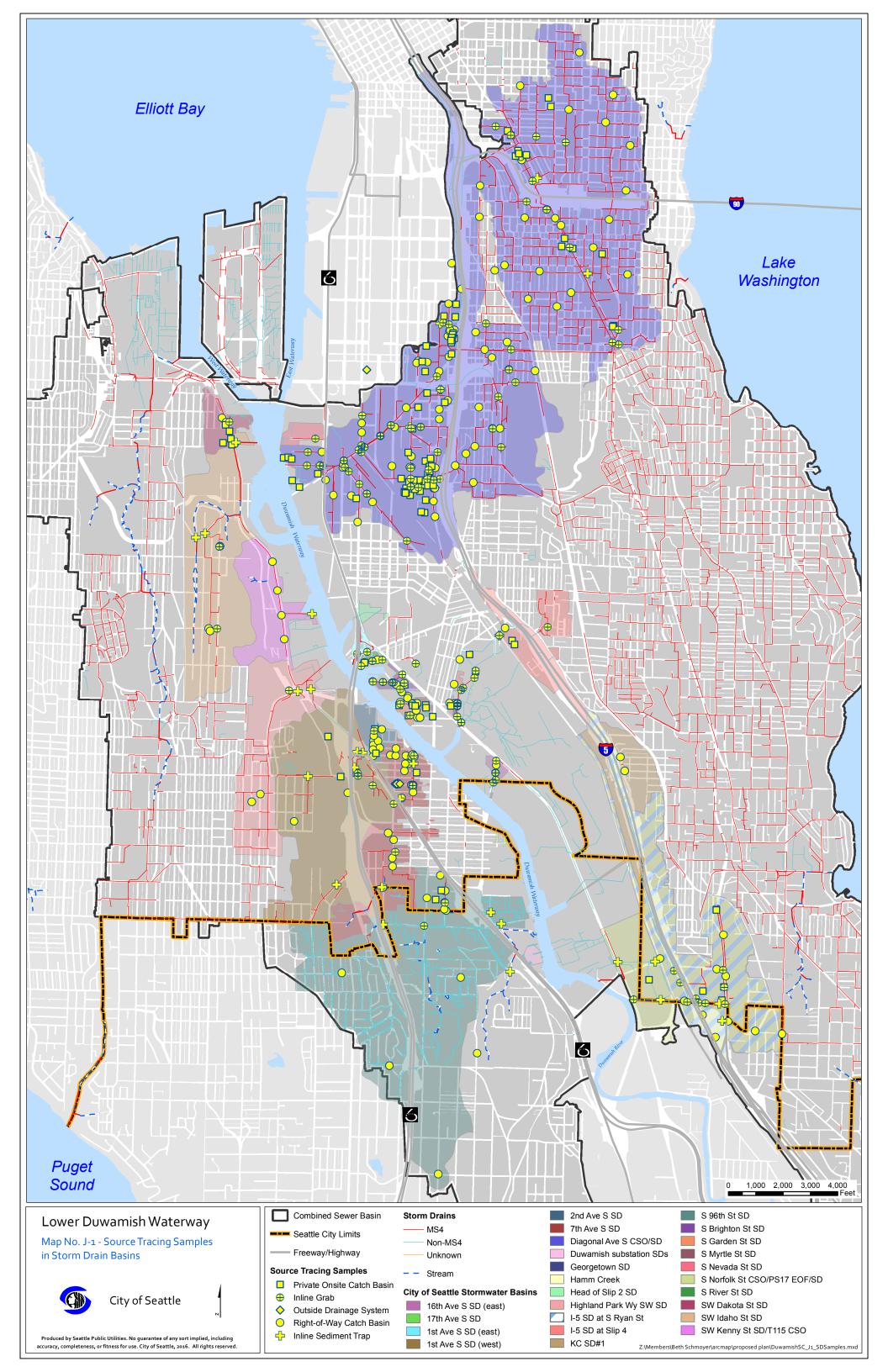
U = Chemical not detected at concentration shown

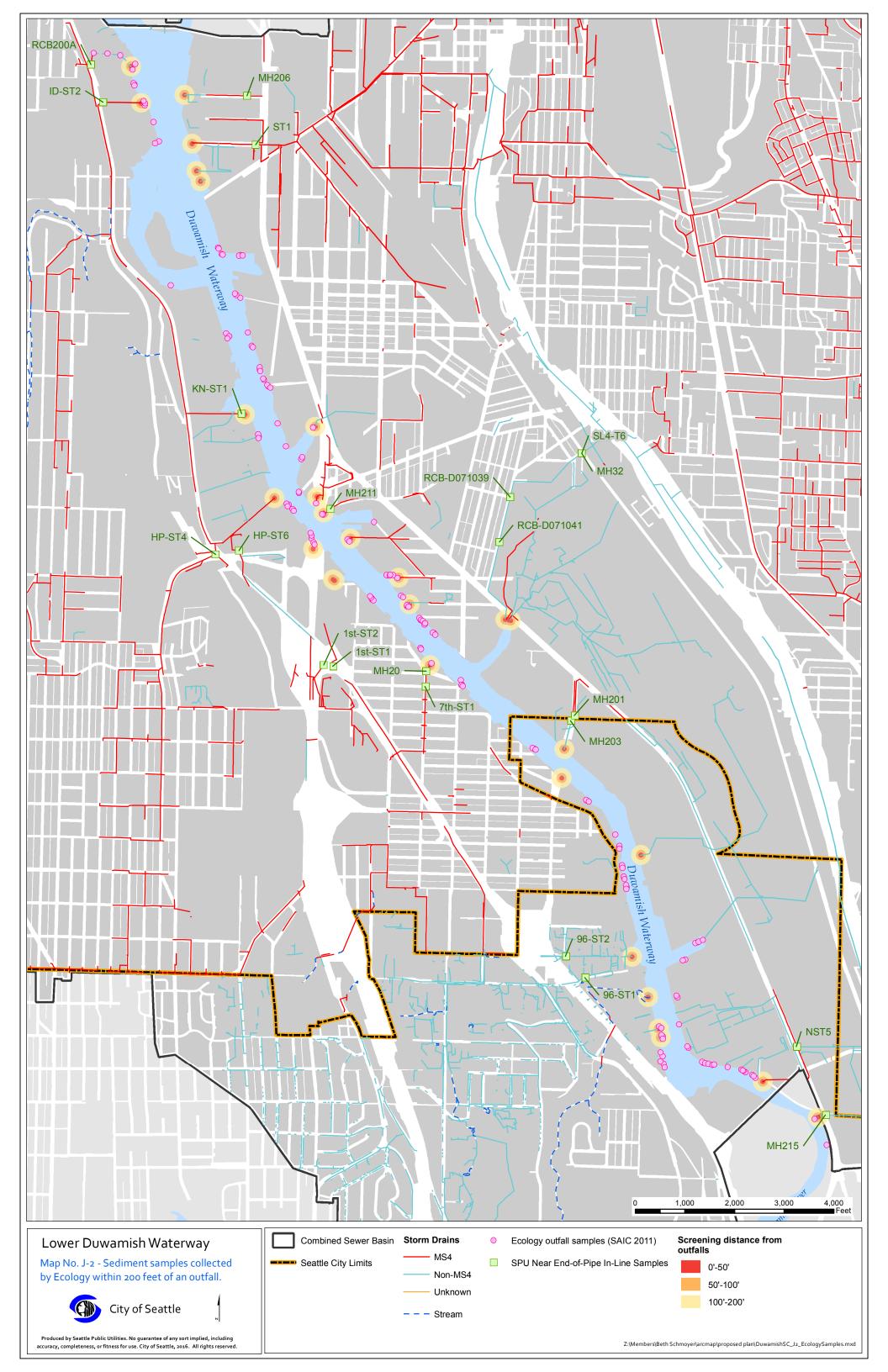
Y = Chemical not detected at concentration shown. Reporting limit raised due to background interference.

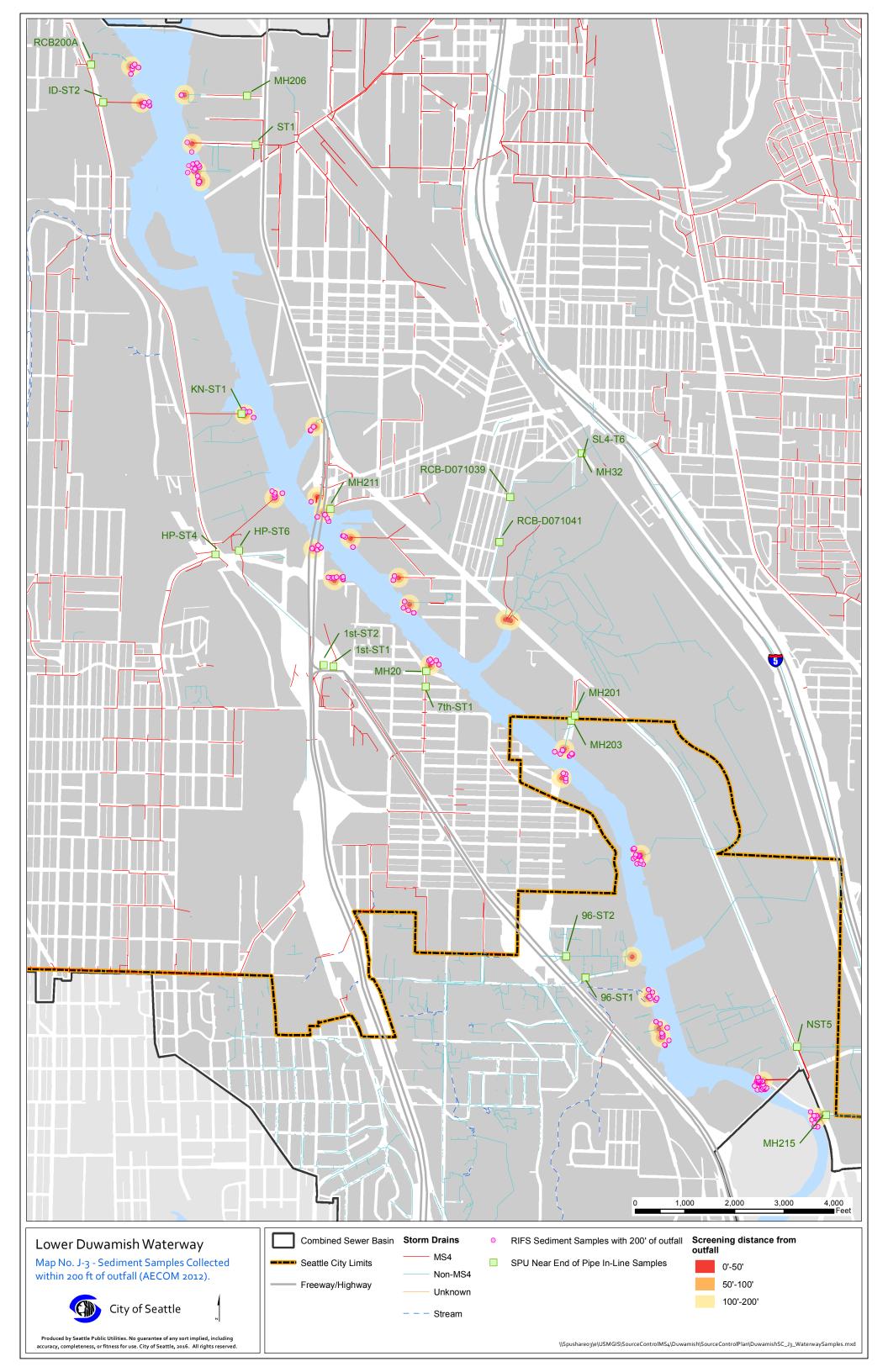
B = Analyte detected in associated method blank at concentration >5% of 1) the reporting limit, 2) the regula

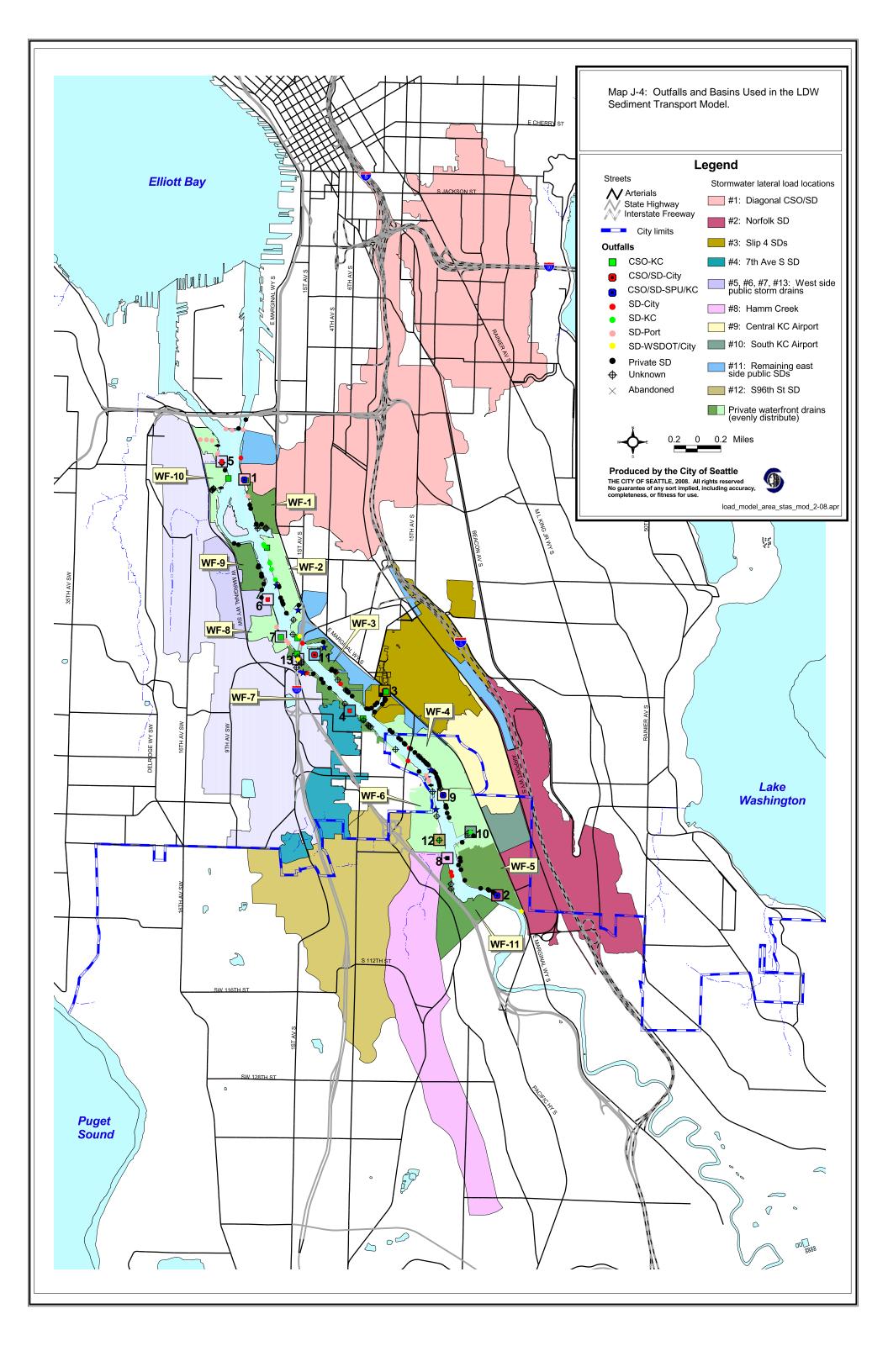
NJ = Detection of the analyte is not confirmed and the reported value is an estimate.

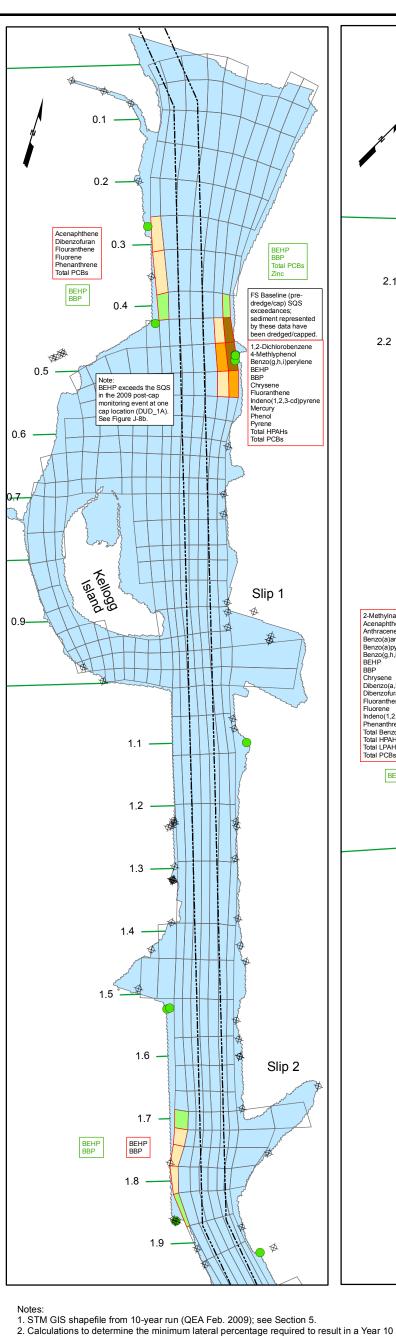
UJ = Analyte is not detected at the reporting limit and the reporting limit is an estimated value

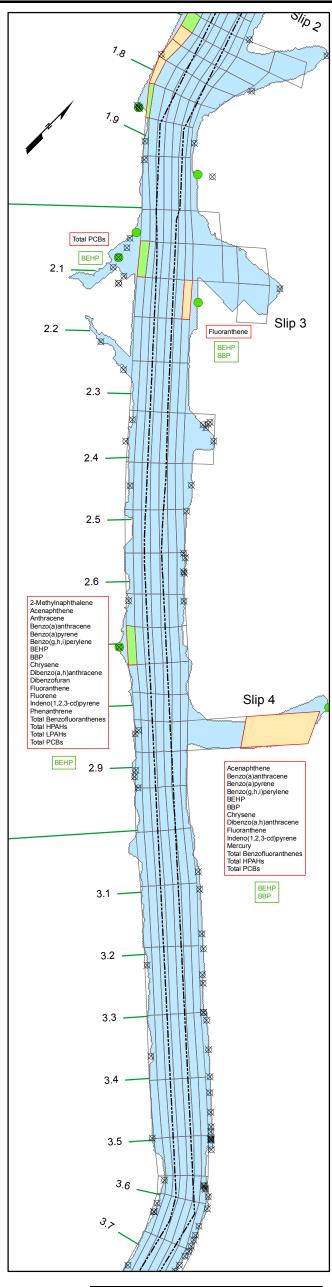












3.6 3.7 3.8 3.9 Indeno(1,2,3-cd)pyrene No Data Slip 6 BEHF BBP 4.2 Total PCBs 4.3 Upper Turning 4.6 φ. 60 **b**.

Legend

Risk Drivers Predicted to have Greater Potential to Exceed SQS at Year 10

None

BEHP BEHP and BBP

BEHP, BBP, and Total PCBs

BEHP, BBP, Total PCBs, and Zinc

Grid Cell with ≥ 5.4% Lateral Source at Year 10

Modeled Redistributed Lateral Load Discharge Location

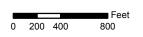
- Individual Discharge Location (CSOs, Storm Drains, and Tributaries)
- Waterfront Area Modeled Location
- **Navigation Channel**
 - River Mile Marker

parameters for other risk drivers. These vary by risk driver; see Table J-8.

4. BEHP = bis(2-ethylhexyl)phthalate; BBP = butylbenzyl phthalate;
CSO = combined sewer overflow; HPAHs = high molecular weight polycyclic aromatic hydrocarbons; LPAHs = low molecular weight polycyclic aromatic hydrocarbons; STM = sediment transport model.



Risk drivers exceeding the SQS in the FS dataset, in grid cells predicted to have greater recontamination potential



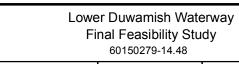


Risk drivers predicted to exceed BEHP

SQS with year 10 predictions

exceedance of the SQS, when the bed concentration is assumed to be zero.

3. Used high BCM lateral values for total PCBs and arsenic and recommended BCM input



Risk Driver

BEHP

Butyl Benzyl Phtalate

Total PCB

Zinc

STM Grid Cells With Greater Potential for Recontamination

DATE: 10/31/12 DWRN:DE/sea Revision: 0

Estimated Lateral

Percentage (required to

cause possible SQS

exceedance)

5.4

9.1

21.5

62.2

AECOM

Map J-5

APPENDIX K PRIVATE FACILITY INSPECTIONS

DBA Business	Address	Outfall	Sewer Type	Last Inspect	Last Inspection	SWI_FCLTY_	Flow Control	Treatment	Xcoord	Ycoord
COO CIM Clausadala Ct	COO CIM CLOVERDALE CT	Ant Ave C CD went	Computed	04/00/44	Type Initial	SFR	Y	NI.	4 007 070 50	405 740 70
600 SW Cloverdale St 811, 815, 819 & 823 SW Henderson St	600 SW CLOVERDALE ST 823 SW HENDERSON ST	1st Ave S SD-west 1st Ave S SD-west	Separated Separated	04/29/14 01/29/14	Self-Cert	SFR	<u>Ү</u> Ү	N N	1,267,379.50 1,266,597.56	195,749.79 194,320.27
8429 5th Ave SW	8429 5TH AVE SW	1st Ave S SD-west	Separated	01/06/14	Initial	SFR	Y	N	1,267,688.72	196,051.63
8431 5th Ave SW	8431 5TH AVE SW	1st Ave S SD-west	Separated	01/02/14	Initial	SFR	Υ	N	1,267,685.21	195,969.94
9016 10th Ave SW	9016 10TH AVE SW	1st Ave S SD-west	Separated	03/31/14	Initial	SFR	Y	N	1,266,272.78	194,172.93
9229, 9231, 9233, 9235, 9237 3rd Ave SW	9237 3RD AVE SW	1st Ave S SD-west	Separated	03/17/14	Self-Cert	SFR SFR	Y	N	1,268,385.48	193,333.78
9235 Olson PL SW Ages In Stages	9235 OLSON PL SW 9461 Olson PL SW	1st Ave S SD-west 1st Ave S SD-west	Separated Separated	01/28/14 11/08/12	Initial Followup	SFR Commercial	Y Y	N N	1,268,654.26 1,268,131.74	193,418.95 192,658.70
IMS	7901 1st Ave S	1st Ave S SD-west	Part. Sep.	11/13/13	Followup	Commercial	Y	N	1,269,301.50	197,527.14
International Construction Equipment	8101 Occidental Ave S	1st Ave S SD-west	Separated	12/05/12	Initial	Commercial	Υ	N	1,269,690.61	196,995.85
Lion Trucking, Inc.	8425 1st Ave S	1st Ave S SD-west	Separated	03/28/13	Self-Cert	Industrial	Υ	Υ	1,269,171.72	196,199.11
MacDonald Miller Co., Inc.	7707 DETROIT AVE SW	1st Ave S SD-west	Separated	11/19/13	Self-Cert	Commercial	Y	N	1,268,567.74	198,305.00
MAPSCO Public Storage	8135 1st Ave S 9200 Olson PL SW	1st Ave S SD-west 1st Ave S SD-west	Separated	11/07/14 01/28/13	Initial Followup	Industrial Commercial	Y Y	N N	1,269,268.74 1,269,003.83	196,717.43 193,508.17
Seattle Gospel Hall	9200 OISON PL SW 9215 3rd Ave SW	1st Ave S SD-west	Separated Separated	11/08/12	Followup	Church	Y	N N	1,269,003.83	193,508.17
Versatile Drilling	7201 DETROIT AVE SW	1st Ave S SD-west	Separated	11/07/14	Initial	Commercial	Y	Y	1,268,129.12	199,551.28
Waste Management of Seattle	8101 1st Ave S	1st Ave S SD-west	Separated	10/04/11	Followup	Commercial	Y	Y	1,269,151.16	197,196.50
Waste Management of Seattle	8111 1st Ave S	1st Ave S SD-west	Separated	06/29/11	Initial	Industrial	Υ	Υ	1,269,227.06	196,790.46
Pacific Plumbing Supply	7500 WEST MARGINAL WAY S	2nd Ave S SD	Separated	03/01/10	Initial	Commercial	Υ	N	1,270,208.63	199,034.47
Pacific Western Agencies	7700 2nd Ave S	2nd Ave S SD	Separated	01/18/13	Followup	Commercial	Y	N	1,270,563.80	198,309.67
W.G. Clark Construction Co. 8812 & 8816 4th Ave S	7958 Occidental Ave S 8812 4TH AVE S	2nd Ave S SD 7th Ave S SD	Part. Sep.	09/10/13 04/22/14	Initial Initial	Industrial SFR	Y Y	N N	1,269,882.84 1,270,801.17	197,191.83
9143. 9147 & 9149 7th Ave S	9143 7TH AVE S	7th Ave S SD 7th Ave S SD	Separated Separated	04/22/14	Followup	SFR	Υ Υ	N N	1,270,801.17	194,800.63 193,625.38
9151, 9153, 9155, 9157, 9301, 9303, 9305 & 9307 7th Ave S	9157 7TH AVE S	7th Ave S SD	Separated	01/08/14	Initial	SFR	Y	N	1,271,682.50	193,492.50
9408, 9409, 9415, 9416 6th & 7th Ave SW	9416 7th Ave SW	7th Ave S SD	Separated	09/20/13	Initial	SFR	Y	N	1,267,212.15	192,848.11
City of Seattle - Joint Training Facility	9401 Myers Wy S	7th Ave S SD	Separated	06/02/11	Initial	Public	Υ	Υ	1,269,574.25	192,878.25
Eagle Eye Enterprise Corp	8219 7TH AVE S	7th Ave S SD	Part. Sep.	11/13/13	Followup	Industrial	Υ	N	1,271,612.38	196,669.64
Machinists Inc. Plant 4	8101 7TH AVE S	7th Ave S SD	Separated	09/11/14	Initial	Industrial	Y	N	1,271,568.91	196,909.03
Modern Coach/Modern Pattern	7601 5th Ave S	7th Ave S SD	Separated	01/29/13	Followup	Commercial	Y	N	1,271,069.94	198,582.09
Olsson Manufacturing Inc. Rogers Machinery Co.	525 S Elmgrove St 7800 5th Ave S	7th Ave S SD 7th Ave S SD	Separated Separated	09/09/14 08/08/13	Initial Initial	Industrial Commercial	Y Y	N N	1,271,437.39 1,271,220.67	197,023.25 197,794.78
10035 & 10037 61st Ave S	10035 61st Ave S	Combined	Combined	03/21/12	Initial	SFR	Y Y	N N	1,271,220.67	189,505.35
1011 S Weller St & 611 12th Ave S	1011 S Weller St	Combined	Combined	12/06/02	Followup	Commercial	Y	N	1,273,895.81	221,372.26
10123 Cornell Ave S	10123 Cornell Ave S	Combined	Combined	04/10/12	Initial	SFR	Y	N	1,291,378.53	189,364.23
1022, 1024, 1026 E Terrace St & 403 11th Ave	1026 E Terrace St	Combined	Combined	06/27/12	Self-Cert	Multi-Family	Υ	N	1,274,101.71	224,346.88
1024 S Bailey St	1024 S Bailey St	Combined	Combined	02/11/02	Initial	Commercial	Y	N	1,273,531.25	203,363.83
1025 S King St 10323 Rainier Ave S	1025 S King St	Combined	Combined	09/17/12	Followup	Commercial	Y	N	1,274,035.46	221,583.64
10323 Rainier Ave S 1040 S Henderson St	10323 Rainier Ave S 1040 S HENDERSON ST	Combined Combined	Combined Combined	04/05/12 06/25/13	Initial Followup	SFR Commercial	Y Y	N N	1,292,755.92 1,273,449.50	189,383.66 194,668.92
1112, 1114 & 1116 14th Ave	1114 14th Ave	Combined	Combined	06/11/12	Self-Cert	Multi-Family	Y	N	1,275,262.83	226,754.79
1125, 1127 & 1129 18th Ave	1129 18th Ave	Combined	Combined	05/16/12	Initial	Multi-Family	Y	N	1,276,428.83	226,858.58
1126 14th Ave	1126 14th Ave	Combined	Combined	05/14/12	Initial	Multi-Family	Υ	N	1,275,284.60	226,893.19
114 S Findlay St	114 S Findlay St	Combined	Combined	12/17/12	Followup	Commercial	Υ	N	1,270,020.30	205,271.27
1201, 1203, 1205, 1207, 1211 S Lucile St	1205 S Lucile St	Combined	Combined	06/06/12	Initial	Multi-Family	Y	N	1,274,093.84	205,311.84
1220 & 1222 E Fir St	1220 E Fir St	Combined	Combined	07/03/12	Initial	Multi-Family	Y Y	N	1,274,727.12	223,485.59
1248 S King St 1323 E Cherry St	1248 S KING ST 1323 E Cherry St	Combined Combined	Combined Combined	02/07/13 07/19/12	Self-Cert Initial	Commercial School	<u>Ү</u> Ү	N N	1,274,857.43 1,275,062.07	221,879.18 225,249.89
135 S Brandon St	135 S BRANDON ST	Combined	Combined	05/28/02	Initial	Commercial	Y	N	1,270,161.69	205,649.42
1404 & 1406 E Fir St	1404 E Fir St	Combined	Combined	05/10/12	Followup	Multi-Family	Ϋ́	N	1,275,212.38	223,391.53
1404 E Yesler Way	1404 E Yesler Wy	Combined	Combined	04/23/12	Initial	Mixed Use	Υ	N	1,275,200.06	223,067.16
1407, 1409, 1411 & 1413 E Fir St	1411 E Fir St	Combined	Combined	08/29/12	Followup	Multi-Family	Υ	N	1,275,247.98	223,229.00
1412 & 1414 24th Ave	1412 24th Ave	Combined	Combined	05/10/12	Initial	Multi-Family	Y	N	1,278,385.33	227,217.56
1515 E Yesler Way	1515 E Yesler WY	Combined	Combined	05/25/05	Initial	Multi-Family	Y Y	N	1,275,518.86	222,865.95
161, 163 & 165 10th Ave 162, 164, 166 & 168 18th Ave	161 10th Ave 162 18th Ave	Combined Combined	Combined Combined	06/27/12 08/02/12	Initial Initial	Multi-Family Multi-Family	Y	N N	1,273,701.55 1,276,475,57	223,483.37 223,478.71
1621 E Spring St	1621 E Spring St	Combined	Combined	08/20/12	Followup	Multi-Family	Y	N	1,276,092.85	226,503.32
164 & 166 11th Ave	166 11th Ave	Combined	Combined	07/02/12	Initial	Multi-Family	Ϋ́	N	1,274,209.42	223,556.99
166 17th Ave	166 17th Ave	Combined	Combined	08/02/12	Initial	Multi-Family	Υ	N	1,276,170.12	223,529.73
167 19th Ave	167 19th Ave	Combined	Combined	05/02/12	Initial	Multi-Family	Υ	N	1,276,643.12	223,535.86
1700 Airport Way S	1700 Airport Wy S	Combined	Combined	04/26/13	Followup	Commercial	Y	N	1,273,314.46	217,788.81
1701 16th Ave S 1706 22nd Ave	1701 16TH AVE S 1706 22nd Ave	Combined Combined	Combined Combined	05/03/12 09/24/12	Initial Followup	Multi-Family	Y Y	N Y	1,275,290.50 1,277,877.00	218,103.22 228,676.27
1706 22nd Ave 1715, 1717, 1719, 1723 SW Henderson St & 9002, 9004 18th Ave SW	1706 22nd Ave 1723 SW Henderson St	Combined	Combined	09/24/12	Followup Followup	Commercial Multi-Family	Y	N	1,277,877.00	194,397.04
1760 & 1762 19th Ave S	1760 19th Ave S	Combined	Combined	06/05/12	Initial	Multi-Family	Y	N	1,276,487.91	217,739.03
1768 19th Ave S	1768 19th Ave S	Combined	Combined	08/20/12	Followup	Multi-Family	Y	N	1,276,612.03	217,691.74
177 S Orcas St	177 S Orcas St	Combined	Combined	08/14/12	Initial	Commercial	Y	N	1,270,171.33	204,805.84
1770 19th Ave S	1770 19th Ave S	Combined	Combined	07/12/12	Self-Cert	Multi-Family	Υ	N	1,276,513.56	217,690.29
1812, 1814, 1816 & 1818 E Pike St	1814 E Pike St	Combined	Combined	06/12/12	Self-Cert	Multi-Family	Y	N	1,276,710.24	227,559.72
1901, 1903, 1905, 1907, 1911 E Pine St & 1526, 1528 19th Ave	1911 E Pine St	Combined	Combined	08/13/12	Followup	Multi-Family	Y	N	1,276,988.56	227,857.83
2633, 2635, 2637 & 2639 SW Nevada St 2814, 2816 & 2818 SW Adams St	2635 SW Nevada St 2814 SW Adams St	Combined Combined	Combined Combined	07/30/12 09/05/12	Initial Self-Cert	Multi-Family Multi-Family	Y Y	N N	1,261,821.31 1,261,366.79	209,938.37 210,358.58
ZUIT, ZUIU & ZUIU OVV AUAIIIS OL	ZUIT OW AUGIIIS SI	COMBINED	COMBINE	03/03/12	Jen-Cell	iviuiu-Faitilly		IN	1,201,300.78	210,000.00

DBA Business	Address	Outfall	Sewer Type	Last Inspect	Last	SWI_FCLTY_	Flow	Treatment	Xcoord	Ycoord
					Inspection		Control			
2831 & 2833 SW Dakota St	2831 SW Dakota St	Combined	Combined	06/26/12	Type Initial	Multi-Family	Υ	N	1,261,203.02	210,461.16
2841 & 2843 SW Adams St	2841 SW Adams St	Combined	Combined	05/23/12	Self-Cert	Multi-Family	Y	N	1,261,108.90	210,254.53
2845 & 2847 SW Adams St	2847 SW Adams St	Combined	Combined	05/23/12	Self-Cert	Multi-Family	Y	N	1,261,046.92	210,201.90
2851 SW Dakota St 3032 SW AVALON WY	2851 SW DAKOTA ST 3032 SW AVALON WY	Combined Combined	Combined Combined	03/14/03 08/10/99	Followup Initial	Multi-Family SFR	Y	N N	1,260,962.27 1,260,649.82	210,511.37 210,549.73
308 S Orcas St	308 S ORCAS ST	Combined	Combined	12/31/02	Followup	Commercial	Y	N	1,270,738.14	205,005.95
3210 SW Avalon Way	3210 SW AVALON WAY	Combined	Combined	10/11/02	Initial	Multi-Family	Ý	N	1,260,257.81	209,700.68
3230 SW Avalon Way	3230 SW AVALON WAY	Combined	Combined	10/11/02	Initial	Multi-Family	Υ	N	1,260,202.90	209,677.44
3236 SW Avalon Way	3236 SW AVALON WAY	Combined	Combined	10/11/02	Initial	Multi-Family	Y	N	1,260,053.36	209,648.34
3295 SW Avalon Way	3295 SW Avalon Wy	Combined	Combined	06/28/12	Initial	Multi-Family	Y	N	1,259,619.02	209,491.79
3507 SW Alaska St 3710 SW Alaska St	3507 SW ALASKA ST 3710 SW Alaska St	Combined Combined	Combined Combined	12/10/02 07/02/12	Initial Followup	Multi-Family Commercial	<u>Ү</u> Ү	N N	1,259,408.39 1,258,744.55	208,379.17 208,548.79
3809 9th Ave S	3809 9th Ave S	Combined	Combined	08/01/12	Followup	Commercial	Y	N	1,273,060.21	211,258.67
4000 & 4008 Martin Luther King Jr Way S	4000 Martin Luther King Jr Wy S	Combined	Combined	08/03/12	Followup	Multi-Family	Y	N	1,279,245.97	210,591.21
4001 SW Alaska St	4001 SW Alaska ST	Combined	Combined	10/04/12	Followup	Commercial	Υ	N	1,257,640.00	208,395.06
4022 SW Alaska St	4022 SW Alaska St	Combined	Combined	10/04/12	Followup	Commercial	Y	N	1,257,630.88	208,601.67
4029 51st Ave S 4100 SW Alaska St	4029 51st Ave S 4100 SW Alaska St	Combined Combined	Combined Combined	03/26/12 10/28/12	Initial Self-Cert	SFR Mixed Use	Y Y	N N	1,285,789.66	210,067.31
4100 SW Alaska St 4103, 4107 SW Edmunds St & 4801, 4803, 4805 41st Ave SW	4100 SW Alaska St 4103 SW Edmunds St	Combined	Combined	06/28/12	Initial	Multi-Family	Y	N N	1,257,455.25 1,257,378.31	208,600.65 207,837.93
411 10th Ave	411 10TH AVE	Combined	Combined	01/31/02	Initial	Multi-Family	Y	N	1,273,746.14	224,428.06
4111, 4113, 4115, 4117, 4121 & 4123 42nd Ave SW	4117 42nd Ave SW	Combined	Combined	06/12/12	Initial	Multi-Family	Y	N	1,257,184.14	210,311.60
4113 & 4117 25th Ave SW	4117 25TH AVE SW	Combined	Combined	08/26/99	Initial	Multi-Family	Υ	N	1,262,396.20	210,219.55
4120 & 4122 42nd Ave SW	4120 42nd Ave SW	Combined	Combined	06/13/12	Initial	Multi-Family	Y	N	1,257,391.23	210,282.97
4120 Delridge Way SW	4120 DELRIDGE WAY SW	Combined	Combined	06/03/02	Followup	Multi-Family	Y	N N	1,262,798.24	210,091.97
415 10th Ave 417, 419, 421 & 423 11th Ave	415 10th Ave 419 11th Ave	Combined Combined	Combined Combined	03/25/13 08/09/12	Followup Followup	Commercial Multi-Family	Υ Υ	N N	1,273,715.69 1,274,090.37	224,490.53 224,500.42
4400 42nd Ave SW	4400 42nd Ave SW	Combined	Combined	04/02/12	Initial	Church	<u>Т</u> Ү	N	1,257,318.80	209,717.18
4429 & 4431 41st Ave SW	4429 41st Ave SW	Combined	Combined	06/13/12	Initial	Multi-Family	Y	N	1,257,450.57	209,520.09
4456 42nd Ave SW	4456 42nd Ave SW	Combined	Combined	06/20/12	Initial	Church	Υ	N	1,257,331.37	209,380.69
4520 42nd Ave SW	4520 42nd Ave SW	Combined	Combined	08/13/12	Initial	Commercial	Υ	N	1,257,313.83	208,928.60
4522 & 4524 41st Ave SW	4522 41st Ave SW	Combined	Combined	05/10/12	Initial	Multi-Family	Y	N	1,257,637.23	208,921.95
4527 & 4529 40th Ave SW 4530 40th Ave SW	4527 40th Ave SW 4530 40th Ave SW	Combined Combined	Combined Combined	05/10/12 07/25/12	Initial Initial	Multi-Family Multi-Family	Y Y	N N	1,257,803.68 1,257,953.00	208,866.44 208,847.16
4538 & 4544 41st Ave SW	4538 41st Ave SW	Combined	Combined	05/10/12	Initial	Multi-Family	Y	N	1,257,955.00	208,780.08
4580 Fauntleroy Way SW	4580 Fauntleroy WY SW	Combined	Combined	10/05/12	Followup	Commercial	Y	N	1,258,363.24	208,579.40
4611 35th Ave SW	4611 35TH AVE SW	Combined	Combined	03/26/13	Initial	Commercial	Υ	N	1,259,424.93	208,682.53
4621 35TH AV SW	4621 35TH Ave SW	Combined	Combined	05/10/13	Followup	Commercial	Υ	N	1,259,437.57	208,579.46
4721 Rainier Ave S	4721 RAINIER AVE S	Combined	Combined	09/10/12	Followup	Commercial	Y	N	1,281,549.46	207,641.12
4729 42nd Ave SW 4744 41st Ave SW	4729 42nd Ave SW 4744 41ST Ave SW	Combined Combined	Combined Combined	06/20/12 06/18/01	Initial Followup	Multi-Family Multi-Family	Y	N N	1,257,124.81 1,257,647.67	208,196.11 208,230.23
4744 4181 AVE SW - Huling	4745 40th Ave SW	Combined	Combined	11/27/12	Self-Cert	Multi-Family	Y	N	1,257,769.47	208,038.61
4752 41st Ave SW	4752 41st Ave SW	Combined	Combined	06/20/12	Initial	Multi-Family	Y	N	1,257,594.70	207,946.53
4755 40th Ave SW	4755 40th Ave SW	Combined	Combined	11/27/12	Self-Cert	Commercial	Υ	N	1,257,710.09	207,929.00
4814, 4816 & 4818 40th Ave SW	4816 40th Ave SW	Combined	Combined	07/25/12	Initial	Multi-Family	Y	N	1,257,940.60	207,647.09
4817 & 4819 Delridge Way SW	4817 Delridge Wy SW	Combined	Combined	10/11/12	Followup	Multi-Family	Y	N	1,262,710.06	207,549.48
4831, 4833, 4835 & 4837 S Graham St 4833 & 4835 Delridge Way SW	4831 S Graham St 4833 Delridge Wy SW	Combined Combined	Combined Combined	05/10/12 07/10/12	Followup Followup	SFR Multi-Family	Y Y	N N	1,285,346.30 1,262,647.18	202,419.52 207,402.07
4839 & 4841 Delridge Way SW	4841 Delridge Wy SW	Combined	Combined	06/06/12	Initial	Multi-Family	Y	N	1,262,668.58	207,324.24
4839, 4841 & 4843 S Morgan St	4843 S Morgan St	Combined	Combined	08/28/12	Followup	SFR	Y	N	1,285,410.41	201,652.13
500 S Lucile St	500 S Lucile ST	Combined	Combined	06/07/01	Initial	Commercial	Υ	N	1,271,422.61	205,524.31
5030 1st Ave S	5030 1ST Ave S	Combined	Combined	06/25/03	Followup	Commercial	Y	N	1,270,086.69	206,630.95
5107 S Frontenac St	5107 S Frontenac St	Combined	Combined	03/28/12	Initial	SFR	Y	N	1,285,695.86	200,084.70
5117 13th Ave S 5202 & 5204 Delridge Way SW	5117 13th Ave S 5202 Delridge Wy SW	Combined Combined	Combined Combined	06/07/12 06/07/12	Initial Followup	School Multi-Family	Y Y	N N	1,274,230.45 1,262,866.08	206,291.89 206,174.26
5228, 5230, 5232, 5234, 5236 25th Ave SW & 2414 SW Brandon St	5232 25th Ave SW	Combined	Combined	06/06/12	Initial	Multi-Family	Y	N	1,262,467.15	205,836.38
5237 S Juneau St	5237 S Juneau St	Combined	Combined	10/03/13	Initial	SFR	Y	N	1,286,690.37	203,761.24
5303 1st Ave S	5303 1st Ave S	Combined	Combined	07/11/12	Initial	Commercial	Υ	N	1,269,733.44	205,931.40
5332, 5334, 5336 & 5338 16th Ave S	5334 16th Ave S	Combined	Combined	06/04/12	Followup	Multi-Family	Y	N	1,275,298.78	205,476.19
5333, 5335, 5337 & 5339 16th Ave S	5335 16th Ave S	Combined	Combined	05/24/12	Followup	Multi-Family	Y	N	1,275,163.66	205,482.41
5340, 5342, 5344 & 5346 16th Ave S	5340 16th Ave S	Combined	Combined	05/22/12	Followup	Multi-Family	Y Y	N	1,275,351.09	205,452.73
5341, 5343, 5345 & 5347 16th Ave S 535 16th Ave	5345 16th Ave S 535 16th Ave	Combined Combined	Combined Combined	05/22/12 06/27/12	Followup Initial	Multi-Family Commercial	<u>Ү</u> Ү	N N	1,275,172.02 1,275,704.11	205,455.67 224,998.19
5405 Lake Washington Blvd S	5405 Lake Washington Blvd S	Combined	Combined	05/16/12	Followup	SFR	Y	N	1,287,887.86	205,063.41
541 & 545 S Sullivan St	541 S Sullivan St	Combined	Combined	05/03/12	Initial	Multi-Family	Y	N	1,271,523.39	195,875.67
5420 Delridge Way SW	5420 Delridge Wy SW	Combined	Combined	06/14/12	Initial	Commercial	Υ	N	1,262,854.34	205,476.77
5424 Delridge Way SW	5424 Delridge Wy SW	Combined	Combined	06/14/12	Initial	Multi-Family	Y	N	1,262,797.41	205,439.64
5428 Delridge Way SW	5428 Delridge Wy SW	Combined	Combined	06/14/12	Initial	Multi-Family	Y	N	1,262,798.75	205,403.53
5458 & 5462 57th Ave S 548 15th Ave	5458 57TH AVE S 548 15th Ave	Combined Combined	Combined Combined	04/03/12 07/03/12	Initial Initial	SFR Commercial	Y Y	N N	1,287,864.88 1,275,556.10	204,485.31 225,147.41
550 14th Ave	550 14th Ave	Combined	Combined	04/04/12	Initial	School	Y	N	1,275,330.62	225,039.41
550 16th Ave	550 16th Ave	Combined	Combined	11/12/13	Self-Cert	Commercial	Y	N	1,275,903.75	224,921.78
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DBA Business	Address	Outfall	Sewer Type	Last Inspect	Last Inspection	SWI_FCLTY_	Flow Control	Treatment	Xcoord	Ycoord
					Type		Control			
5501 6th Ave S	5501 6th Ave S	Combined	Combined	10/09/12	Followup	Commercial	Υ	N	1,271,513.68	205,306.81
5505, 5507, 5509 & 5511 13th Ave S	5507 13th Ave S	Combined	Combined	06/07/11	Initial	Multi-Family	Υ	N	1,274,161.31	205,319.13
5530 S Brandon St	5530 S Brandon ST	Combined	Combined	03/26/12	Initial	SFR	<u>Y</u>	N	1,287,349.03	205,207.34
5602 2nd Ave S 5700 3rd Ave S	5602 2nd Ave S 5700 3rd Ave S	Combined Combined	Combined Combined	12/05/12 08/28/12	Self-Cert Initial	Commercial Industrial	Y	N N	1,270,305.07 1,270,727.97	205,172.37 204,824.94
5700 Sid Ave S 5701 1st Ave S	5700 31d Ave S 5701 1st Ave S	Combined	Combined	06/06/12	Followup	Commercial	Y	N	1,269,711.63	204,742.88
5747 S Orcas St	5747 S Orcas St	Combined	Combined	04/19/12	Followup	SFR	Ý	N	1,288,206.91	204,213.84
5820 Corson Ave S	5820 Corson Ave S	Combined	Combined	09/26/12	Followup	Commercial	Υ	N	1,273,256.51	204,120.98
5900 Airport Way S	5900 Airport Wy S	Combined	Combined	04/02/12	Initial	Commercial	Y	N	1,274,144.37	203,996.69
5908 Upland Ter S 5958 Corson Ave S	5908 Upland Ter S 5958 Corson Ave S	Combined Combined	Combined Combined	03/27/12 10/03/12	Initial Self-Cert	SFR Commercial	Y Y	N N	1,286,562.23 1,273,109.33	203,716.64 203,729.33
5959 Corson Ave S	5958 Corson Ave S 5959 Corson Ave S	Combined	Combined	10/03/12	Followup	Commercial	<u>Ү</u> Ү	N N	1,273,109.33	203,729.33
6025 52nd Ave S	6025 52nd Ave S	Combined	Combined	07/31/12	Followup	SFR	Y	N	1,286,404.52	203,162.25
6027 & 6031 S Redwing St	6031 S Redwing St	Combined	Combined	07/30/12	Followup	SFR	Υ	N	1,288,480.48	192,099.29
6239 Airport Way S	6239 Airport Wy S	Combined	Combined	08/23/12	Initial	Commercial	Υ	N	1,274,563.06	203,361.87
6316 6th Ave S	6316 6TH Ave S	Combined	Combined	10/28/04	Initial	Commercial	Y	N	1,271,829.86	202,599.92
650 S Lucile St 6521 5th Ave S	650 S Lucile ST 6521 5TH AVE S	Combined Combined	Combined Combined	10/02/01	Followup Initial	Commercial Commercial	Y Y	N N	1,272,101.09	205,556.44
6527 4th Ave S	6527 4th Ave S	Combined	Combined	04/19/01 09/27/12	Self-Cert	Commercial	<u>ү</u> Ү	N N	1,271,103.36 1,270,842.58	202,346.48 202,126.59
6538 4th Ave S	6538 4TH AVE S	Combined	Combined	07/02/01	Followup	Commercial	Y	N	1,271,002.45	202,056.23
6706 & 6708 Corson Ave S	6706 Corson Ave S	Combined	Combined	07/17/12	Initial	Multi-Family	Υ	N	1,272,611.41	201,381.11
6708 & 6710 Carleton Ave S	6708 Carleton Ave S	Combined	Combined	09/05/12	Followup	Multi-Family	Υ	N	1,272,901.82	201,289.37
6734 56th Ave S	6734 56th Ave S	Combined	Combined	03/22/12	Initial	SFR	Y	N	1,287,270.25	200,785.91
6770 East Marginal Way S	6770 E Marginal Wy S	Combined	Combined	10/18/12	Self-Cert	School Multi Familia	Y	Y	1,271,563.93	201,495.79
6901, 6903 & 6905 Carleton Ave S 7 Eleven	6901 Carleton Ave S 3280 SW Avalon WY	Combined Combined	Combined Combined	06/20/12 01/17/03	Followup Followup	Multi-Family Commercial	Y Y	N N	1,272,637.23 1,259,657.02	200,936.48 209,708.76
7100 S Ryan St	7100 S Ryan St	Combined	Combined	08/01/12	Followup	SFR	Y	N	1,291,657.75	189,175.16
7200 S Ryan St	7200 S Ryan St	Combined	Combined	03/21/12	Initial	SFR	Y	N	1,291,912.15	189,192.75
733 S Elmgrove St	733 S Elmgrove St	Combined	Combined	06/25/12	Initial	Commercial	Υ	N	1,272,164.57	197,018.06
7502 S Taft St	7502 S Taft St	Combined	Combined	03/19/12	Initial	SFR	Υ	N	1,292,625.10	189,467.83
801 & 803 SW Trenton St	801 SW Trenton St	Combined	Combined	06/11/12	Initial	Multi-Family	Y	N	1,266,788.74	194,996.52
810 & 812 S Orcas St 8100 8th Ave S	812 S Orcas St 8100 8th Ave S	Combined Combined	Combined Combined	05/02/12 10/03/02	Initial Initial	Multi-Family Commercial	Y Y	N N	1,272,739.60 1,272,504.40	204,333.08
819 & 821 13th Ave	819 13th Ave	Combined	Combined	06/26/12	Initial	Multi-Family	<u>ү</u> Ү	N N	1,272,504.40	197,239.95 225,975.80
8220 7th Ave S	8220 7TH Ave S	Combined	Combined	01/21/03	Followup	Commercial	Y	N	1,271,827.05	196,596.27
828 & 830 15th Ave	830 15th Ave	Combined	Combined	06/26/12	Initial	Multi-Family	Υ	N	1,275,617.44	226,068.56
8415, 8417 Rainier PI S & 8412, 8414 50th Ave S	8415 Rainier PI S	Combined	Combined	08/20/12	Followup	Multi-Family	Υ	N	1,285,254.50	195,727.88
900 S Jackson St	900 S JACKSON ST	Combined	Combined	06/13/02	Initial	Commercial	Y	N	1,273,569.38	222,226.05
9014 14th Ave S 9053 17th Ave SW	9014 14th Ave S 9053 17th Ave SW	Combined Combined	Combined Combined	08/20/12 01/27/12	Initial Initial	Commercial Multi-Family	Y	N N	1,274,485.90 1,264,034.76	194,097.83 193,873.56
920 S Doris St	903 17th Ave SVV 920 S Doris St	Combined	Combined	08/31/12	Initial	Commercial	<u>т</u> Ү	N N	1,273,360.23	204,148.39
9252 16th Ave SW	9252 16TH AVE SW	Combined	Combined	02/07/12	Followup	Church	Ý	N	1,264,472.12	193,356.45
927 & 929 18th Ave	927 18th Ave	Combined	Combined	08/09/12	Followup	Multi-Family	Υ	N	1,276,416.03	226,453.07
960 S Harney St	960 S Harney St	Combined	Combined	12/10/12	Followup	Commercial	Y	N	1,273,636.98	203,659.01
969 S Nebraska St	969 S NEBRASKA ST	Combined	Combined	07/01/02	Initial	Commercial	Y Y	N	1,273,666.29	203,845.55
9844 Arrowsmith Ave S 9925 Arrowsmith Ave S	9844 Arrowsmith Ave S 9925 Arrowsmith Ave S	Combined Combined	Combined Combined	06/12/12 04/12/12	Followup Followup	SFR SFR	<u>Ү</u> Ү	N N	1,289,897.55 1,290,108.60	190,485.31 189,986.83
A. J. Hanson and Co., Inc.	203 S Orcas St	Combined	Combined	09/24/12	Self-Cert	Commercial	Y	N	1,270,348.98	204,819.53
Apartment - 3256 AVALON	3256 SW AVALON WY	Combined	Combined	10/11/02	Initial	Multi-Family	Ϋ́	N	1,259,819.89	209,709.84
Apartment - 4001 EDMUNDS	4001 SW EDMUNDS ST	Combined	Combined	06/18/01	Followup	Multi-Family	Υ	N	1,257,740.07	207,816.64
Apartment - 5517 13th	5517 13TH Ave S	Combined	Combined	09/17/02	Followup	Multi-Family	Y	N	1,274,195.12	205,218.67
Apartment - 9099 Seward Park	9099 Seward Park Ave S	Combined	Combined	11/04/04	Initial	Multi-Family	Y	N	1,287,103.09	193,122.43
Art Brass Plating Inc. Art Brass Plating Inc.	5516 3rd Ave S 5516 3rd Ave S	Combined Combined	Combined Combined	10/04/12 10/04/12	Followup Self-Cert	Industrial Industrial	Y Y	N N	1,270,705.81 1,270,705.81	205,253.94 205,253.94
Avalon House Condominiums	3271 SW AVALON WY	Combined	Combined	10/11/02	Initial	Multi-Family	Y	N	1,259,869.97	209,472.46
Avalon West Apartments	3250 SW AVALON WY	Combined	Combined	10/11/02	Initial	Multi-Family	Y	N	1,259,893.06	209,651.42
Bradford Court Condominiums	3022 SW Bradford ST	Combined	Combined	01/03/03	Initial	Multi-Family	Υ	N	1,260,648.33	211,485.89
Building - 15th	5333 15TH Ave S	Combined	Combined	02/25/02	Followup	Mixed Use	Y	N	1,274,863.91	205,600.71
Capital Industries Carleton Park Apts.	5801 3rd Ave S 6631 Carleton Ave S	Combined Combined	Combined Combined	10/16/12 09/27/04	Followup Followup	Commercial Multi-Family	Y Y	N N	1,270,399.00 1,272,841.79	204,527.38 201,794.25
Chinn Property	1046 S Jackson St	Combined	Combined	11/15/07	Initial	Commercial	<u>Ү</u> Ү	N N	1,272,841.79	201,794.25
Cleveland High School	5511 15th Ave S	Combined	Combined	05/28/09	Initial	School	<u> </u>	N	1,274,823.00	205,005.74
Concord Elementary School	723 S Concord ST	Combined	Combined	06/18/09	Initial	School	Υ	N	1,271,958.50	194,568.03
Corner Stone Fillipino Church	9065 M L KING JR WAY S	Combined	Combined	06/11/02	Initial	Church	Υ	N	1,282,973.49	193,804.59
Cottage Grove Mart	5445 Delridge WY SW	Combined	Combined	06/24/02	Followup	Commercial	Y	N	1,262,606.10	205,252.57
Fauntleroy Landing Apartments Hathaway Building	4831 FAUNTLEROY WY SW 5506 6TH Ave S	Combined Combined	Combined Combined	01/03/03 10/28/04	Initial Initial	Multi-Family	Y	N N	1,258,079.70 1,271,804.16	207,504.20 205,351.53
Huling Bros. Chevrolet - 4550 Fauntlerov	4550 Fauntleroy Wy SW	Combined	Combined	08/13/12	Initial	Commercial Commercial	<u>Ү</u> Ү	N N	1,271,804.16	205,351.53
Huling Brothers Buick	4545 Fauntleroy Wy SW	Combined	Combined	08/13/12	Initial	Commercial	<u>Т</u>	N	1,258,308.62	208,832.91
Hulling Diotriers Duick										
Huling Brothers Chevrolet- Parking Lot - Fauntleroy	4736 Fauntleroy WY SW	Combined	Combined	08/13/12	Initial	Commercial	Υ	N	1,258,344.41	208,109.52

DBA Business	Address	Outfall	Sewer Type	Last Inspect	Last	SWI_FCLTY_	Flow	Treatment	Xcoord	Ycoord
					Inspection Type		Control			
Jorve Roofing	3215 M L KING JR WAY S	Combined	Combined	12/14/11	Initial	Commercial	Y	N	1,279,063.60	213,069.24
Laucks Testing Laboratory Inc.	940 S Harney ST	Combined	Combined	03/07/03	Initial	Commercial	Υ	N	1,273,442.72	203,631.83
Maple Elementary	4925 CORSON AVE S	Combined	Combined	06/04/14	Followup	School	Υ	N	1,273,632.25	207,127.80
Mastercraft of Seattle	300 S Bennett ST	Combined	Combined	05/28/02	Initial	Commercial	Υ	N	1,270,750.45	206,101.03
MC Machinery Company	1200 S Dearborn ST	Combined	Combined	03/15/02	Followup	Commercial	Υ	N	1,274,561.83	220,926.11
Mechanical SLS Inc.	521 S Brandon ST	Combined	Combined	05/28/02	Initial	Commercial	Υ	N	1,271,521.98	205,615.56
Metaltek Manufacturing	8300 7TH Ave S	Combined	Combined	03/29/13	Initial	Industrial	Υ	N	1,271,851.10	196,462.55
Mobile Truck Service	943 S Nebraska ST	Combined	Combined	10/24/02	Followup	Commercial	Y	N	1,273,543.58	203,801.06
Pacific Multiforms Co., Inc.	6600 URSULA PL S	Combined	Combined	01/14/02	Initial	Commercial	Y	N	1,276,685.82	201,186.68
R & T Hood & Duct Svcs. Inc.	6100 12TH AVE S	Combined	Combined	07/01/02	Initial	Commercial	Y	N	1,274,053.97	203,480.07
R. L. Cook Sales & Supply Company	8700 14TH AVE S	Combined	Combined	04/26/01	Initial	Commercial	Y	N	1,274,433.43	195,136.77
Rainier Roaster	4408 Fauntleroy WY SW	Combined	Combined	12/06/02	Initial	Commercial	Y Y	N	1,259,425.87	209,707.97
Ray Moore Construction Rental Service Corporation	2850 SW YANCY ST 5421 1ST AVE S	Combined Combined	Combined Combined	09/04/01 05/30/02	Followup Initial	Commercial Commercial	<u>Ү</u> Ү	N N	1,260,992.53 1,269,742.82	210,923.49 205,580.08
Riverside Business Park	6363 6TH AVE S	Combined	Combined	12/06/02	Followup	Commercial	Y	N N	1,269,742.82	202,166.78
Riverside Plaza Building	6348 6TH AVE S	Combined	Combined	10/28/04	Initial	Commercial	Y	N	1,271,833.82	202,166.78
RJ Cook Sales & Supply Co	8814 14TH AVE S	Combined	Combined	06/18/01	Followup	Commercial	Y	N N	1,271,633.62	194,731.51
Sea Dru Nar	28 S BRANDON ST	Combined	Combined	08/08/02	Followup	Commercial	Y	N	1,269,307.94	205,837.62
Sea/WA State Korean Association	1200 S ANGELO ST	Combined	Combined	01/22/02	Initial	Commercial	Y	N	1,273,919.34	203,138.54
SeaMar Community Health Center	8915 14TH AVE S	Combined	Combined	03/29/13	Initial	Commercial	Y	N	1,274,324.87	194,438.05
Seattle Lutheran High School Parking Lot	4400 41ST AVE SW	Combined	Combined	12/10/02	Initial	School	Y	N	1,257,676.87	209,735.58
Seattle Parks Dept - Pratt	1800 S Main St	Combined	Combined	12/09/08	Initial	Coriooi	N	N	1,276,419.17	222,387.80
Seattle Parks Dept - South Park Community Center	8319 8TH Ave S	Combined	Combined	07/31/14	Initial	Public	Y	N	1,272,086.93	196,285.40
Seattle Parks Dept - Yesler Community Center	917 E Yesler Wy	Combined	Combined	06/12/14	Self-Cert	Commercial	Y	Y	1,273,699.68	222,962.33
Seattle Public Library - Delridge	5423 Delridge WY SW	Combined	Combined	02/12/03	Initial	Public	Υ	N	1,262,634.33	205,489.21
Seattle University	1101 E Madison St	Combined	Combined	10/25/12	Initial	School	N	Υ	1,274,274.50	226,800.47
SHA - 520 S Cloverdale St	520 S CLOVERDALE ST	Combined	Combined	09/26/03	Followup	Multi-Family	Υ	N	1,271,280.93	195,699.62
SHA - 815 S Southern St	815 S SOUTHERN ST	Combined	Combined	12/13/99	Followup	SFR	Υ	N	1,272,644.60	196,739.01
SHA - 818 S Southern St	818 S SOUTHERN ST	Combined	Combined	12/13/99	Followup	SFR	Υ	N	1,272,674.90	196,897.30
Sharp Shop, Inc.	128 S LUCILE ST	Combined	Combined	12/14/04	Followup	Commercial	Υ	N	1,270,162.30	205,582.38
Speiker Properties	823 S FIDALGO ST	Combined	Combined	06/16/02	Initial	Commercial	Υ	N	1,272,622.89	203,679.43
Sun Supply Inc.	5705 AIRPORT WAY S	Combined	Combined	01/18/02	Followup	Commercial	Υ	N	1,273,541.50	204,514.76
Taco Time - SW Avalon WY	3500 SW AVALON WAY	Combined	Combined	02/20/03	Followup	Commercial	Υ	N	1,259,425.87	209,707.97
Tacoma Screw Products	6201 ELLIS AVE S	Combined	Combined	03/31/03	Initial	Commercial	Υ	N	1,273,732.03	203,155.49
Transportation NW Credit Union	6362 6TH AVE S	Combined	Combined	06/11/01	Followup	Commercial	Υ	N	1,271,797.00	202,150.03
UFCW Local 1105	1010 S BAILEY ST	Combined	Combined	02/11/02	Initial	Commercial	Y	N	1,273,397.64	203,317.07
U-Park - 522 Broadway	522 BROADWAY	Combined	Combined	04/04/03	Initial	Parking Lot	Y	N	1,273,619.43	224,859.14
US Bank of Washington Drive-Thru	6520 4TH AVE S	Combined	Combined	02/15/02	Followup	Commercial	Y	N .	1,270,993.36	202,322.53
Washington Square Fruit & Produce	1622 S GRAHAM ST	Combined	Combined	01/24/05	Initial	Commercial	Y	N	1,275,326.90	203,252.04
West Seattle Shurgard	2964 SW AVALON WAY	Combined	Combined	05/09/03	Followup	Commercial	Y	N	1,260,795.38	211,291.44
West Seattle Two L C Harbor	4627 37th Ave SW	Combined	Combined	08/14/12	Initial	Parking Lot	Y Y	N	1,258,800.28	208,553.14
YMCA 1400 S Dearborn St	4515 36TH AVE SW 1400 S DEARBORN ST	Combined	Combined	12/10/02 05/29/13	Initial Followup	Commercial	Υ Υ	N Y	1,259,062.23	208,991.82
1518 29th Ave S	1518 29TH AVE S	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated	06/16/14	Initial	Commercial SFR	Y	•	1,275,139.49 1,279,913.92	220,967.87 218,155.56
1600 E Yesler Way	1600 E YESLER WAY	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated	06/16/14	Initial	Multi-Family	Y	N N	1,279,913.92	223,068.41
1614 S Dearborn St	1614 S Dearborn St	Diagonal Ave S CSO/SD	Separated	11/29/12	Followup	SFR	Y	N	1,275,886.20	220,946.55
1701 19th Ave S	1701 19TH AVE S	Diagonal Ave S CSO/SD	Separated	09/09/13	Initial	Multi-Family	Y	N	1,276,358.08	218,078.82
172 22nd Ave	172 22ND AVE	Diagonal Ave S CSO/SD	Separated	06/16/14	Initial	Multi-Family	Y	N	1,277,798.01	223,560.98
1802 19th Ave	1802 19th Ave	Diagonal Ave S CSO/SD	Separated	11/15/12	Followup	Multi-Family	Y	N	1,276,573.77	217,539.34
2000 28th Ave S	2000 28TH AVE S	Diagonal Ave S CSO/SD	Separated	06/11/14	Initial	SFR	Y	N	1,279,450.57	216,930.11
2001 E Yesler Way	2001 E YESLER WAY	Diagonal Ave S CSO/SD	Separated	07/21/14	Initial	Multi-Family	Y	N	1,277,236.89	222,733.96
2101 E James St	2101 E JAMES ST	Diagonal Ave S CSO/SD	Separated	11/05/12	Initial	Multi-Family	Y	N	1,277,463.56	224,888.11
2106 20th Ave S	2106 20TH AVE S	Diagonal Ave S CSO/SD	Separated	02/06/13	Initial	SFR	Y	N	1,276,854.12	216,589.07
2120 E Fir St	2120 E FIR ST	Diagonal Ave S CSO/SD	Separated	06/16/14	Initial	SFR	Υ	N	1,277,608.82	223,387.82
2121 17TH AV S	2121 17TH Ave S	Diagonal Ave S CSO/SD	Separated	12/04/13	Followup	SFR	Υ	N	1,275,714.81	216,466.47
2122 28th Ave S	2122 28TH AVE S	Diagonal Ave S CSO/SD	Separated	07/15/14	Initial .	SFR	Υ	N	1,279,453.34	216,384.20
2122 E Jefferson St	2122 E JEFFERSON ST	Diagonal Ave S CSO/SD	Separated	11/05/12	Initial	Multi-Family	Υ	N	1,277,600.26	224,645.67
216 26th Ave S	216 26th Ave S	Diagonal Ave S CSO/SD	Separated	03/05/13	Followup	Multi-Family	Υ	N	1,279,004.70	222,422.37
2356 12TH AV S	2356 12TH Ave S	Diagonal Ave S CSO/SD	Separated	09/16/13	Initial	SFR	Υ	N	1,274,305.62	215,582.14
2505 E Yesler Way	2505 E Yesler Wy	Diagonal Ave S CSO/SD	Separated	11/05/12	Initial	Multi-Family	Υ	N	1,278,699.67	222,836.47
2700 S Holgate St	2700 S Holgate St	Diagonal Ave S CSO/SD	Separated	02/14/13	Self-Cert	Multi-Family	Υ	N	1,279,055.79	217,387.43
321 16th Ave S	321 16TH AVE S	Diagonal Ave S CSO/SD	Separated	09/11/14	Initial	Commercial	Υ	N	1,275,644.06	222,293.72
325 MLK Jr Way S	325 M L KING JR WAY S	Diagonal Ave S CSO/SD	Separated	11/21/14	Followup	Multi-Family	Υ	N	1,279,118.47	222,152.06
5000 E Marginal Way S	5000 E Marginal Wy S	Diagonal Ave S CSO/SD	Separated	12/05/12	Initial	Commercial	Υ	N	1,268,824.12	206,898.96
612 21st Ave	612 21ST AVE	Diagonal Ave S CSO/SD	Separated	06/16/14	Initial	Multi-Family	Υ	N	1,277,473.30	225,193.25
808 Davis PI S	808 DAVIS PL S	Diagonal Ave S CSO/SD	Separated	06/10/14	Initial	Multi-Family	Υ	N	1,276,455.99	220,787.80
918 28th Ave S	918 28TH AVE S	Diagonal Ave S CSO/SD	Separated	10/01/14	Followup	Multi-Family	Υ	N	1,279,491.22	220,080.14
Dealin Dahkina	2001 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	11/27/12	Initial	Commercial	Υ	N	1,277,501.47	216,979.04
Baskin Robbins										
Buck & Buck Designs	3111 27TH AVE S	Diagonal Ave S CSO/SD	Separated	11/10/14	Initial	Commercial	Υ	N	1,278,764.45	213,408.44
							Y Y Y	N N N		213,408.44 216,745.00 211,066.22

DBA Business	Address	Outfall	Sewer Type	Last Inspect	Last	SWI FCLTY	Flow	Treatment	Xcoord	Ycoord
DBA Business	Addition	Guttun	Oction Type	Lust mopeot	Inspection	0111_1 021 1_	Control	rreatment	λοσοια	100014
					Type					
COSTCO Wholesale	4401 4th Ave S	Diagonal Ave S CSO/SD	Separated	11/14/13	Self-Cert	Commercial	Υ	Υ	1,270,754.59	209,801.01
Garfield High School	400 23RD AVE	Diagonal Ave S CSO/SD	Separated	11/23/11	Initial	School	Υ	N	1,278,156.77	224,295.25
MacMillan Piper Inc.	655 S Edmunds St	Diagonal Ave S CSO/SD	Separated	07/02/13	Initial	Commercial	Υ	N	1,272,257.81	207,580.64
Masta Enterprises	843 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	11/21/14	Followup	Commercial	Υ	N	1,275,837.44	220,360.11
Moonlight Cafe	1919 S Jackson St	Diagonal Ave S CSO/SD	Separated	11/03/11	Initial	Commercial	Υ	N	1,276,914.90	221,926.09
Olympic Foundry	5200 Airport Wy S	Diagonal Ave S CSO/SD	Part. Sep.	10/02/13	Self-Cert	Industrial	Υ	N	1,273,160.62	206,199.14
O'Reilly Auto Parts	2805 Rainier Ave S	Diagonal Ave S CSO/SD	Separated	01/17/13	Followup	Commercial	Υ	N	1,278,842.26	214,302.55
Pacific Tower	1200 12th Ave S	Diagonal Ave S CSO/SD	Separated	03/13/14	Followup	Commercial	Y	N	1,274,594.75	219,759.97
Recycling Depot	851 RAINIER AVE S	Diagonal Ave S CSO/SD	Separated	01/12/09	Initial	Commercial	Y	N	1,275,842.39	220,273.62
Seattle Radiator Works	5011 Ohio Ave S	Diagonal Ave S CSO/SD	Separated	06/02/11	Followup	Commercial	Y	N	1,268,842.64	206,703.77
SHA - 2307 E Fir St	2307 E FIR ST	Diagonal Ave S CSO/SD	Separated	06/24/14	Initial	Multi-Family	Y	N	1,278,075.74	223,203.10
Shiloh Baptist Church	715 23rd Ave S	Diagonal Ave S CSO/SD	Separated	01/16/13	Followup	Church	Y	N	1,277,958.29	220,828.34
Shopping Mall SPU Reuse Store	2309 S Jackson St 3601 2ND AVE S	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated	01/09/13 09/04/14	Followup	Commercial	Y	N N	1,278,115.00 1,270,383.00	221,883.61
The Paper Merchant		Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated	12/06/12	Followup Initial	Commercial	Y	N N	1,270,383.00	211,606.75
University of Washington Consolidated Laundry	4811 AIRPORT WAY S 2901 27th Ave S	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Separated Separated	01/08/13	Followup	Commercial Commercial	Y	N N	1,272,479.77	207,410.47 214,017.51
US Filter	1910 21ST AVE S	Diagonal Ave S CSO/SD Diagonal Ave S CSO/SD	Part. Sep.	05/11/09	Followup	Commercial	<u>т</u> Ү	N	1,277,208.89	217,160.51
Argo Blower	5400 E Marginal Wy S	Duwamish (NEC) CSO	Combined	08/31/12	Initial	Industrial	Y	N	1,269,155.00	205,709.25
Impression Printing	222 S Lucile St	Duwamish (NEC) CSO	Combined	03/17/09	Followup	Commercial	Y	N	1,270,539.64	205,571.25
Iridio	5050 1st Ave S	Duwamish (NEC) CSO	Combined	12/12/08	Initial	Commercial	Y	N	1,270,098.51	206,504.52
McDonalds Restaurant - 6145 4th Ave S	6145 4TH Ave S	Duwamish (NEC) CSO	Combined	04/29/09	Self-Cert	Commercial	Y	N	1,270,738.26	202,860.47
National Products Inc.	1017 S Elmgrove St	Duwamish (NEC) CSO	Combined	12/08/10	Initial	Commercial	Y	N	1,273,396.91	196,989.57
National Products Inc.	1025 S Elmgrove St	Duwamish (NEC) CSO	Combined	12/08/10	Initial	Commercial	Υ	N	1,273,520.71	196,982.90
Seattle Municipal Credit Union	500 S Michigan St	Duwamish (NEC) CSO	Combined	08/27/09	Followup	Commercial	Υ	N	1,271,271.42	202,829.05
821 S Barton St	821 S Barton St	S 96th St SD	Separated	06/26/14	Followup	Commercial	Υ	Υ	1,272,754.12	193,323.33
9200 2nd Ave SW	9200 2ND AVE SW	S 96th St SD	Separated	07/24/14	Followup	Multi-Family	Υ	Υ	1,269,275.88	193,735.89
9228 10th Ave S	9228 10TH AVE S	S 96th St SD	Separated	09/29/14	Followup	Commercial	Υ	N	1,273,192.23	192,927.12
9369 8th Ave S	9369 8TH AVE S	S 96th St SD	Separated	09/09/14	Initial	Commercial	Υ	N	1,272,154.66	193,099.16
Puget Sound Coatings	9220 8th Ave S	S 96th St SD	Separated	05/04/07	Initial	Industrial	Υ	Υ	1,272,555.03	193,125.56
2007 S Orcas St	2007 S Orcas St	Slip 4	Separated	11/05/14	Initial	Church	Y	N	1,276,536.26	204,302.62
6014 21st Ave S	6014 21ST AVE S	Slip 4	Separated	06/11/14	Initial	SFR	Y	N	1,276,826.08	203,449.40
6032 21st Ave S & 6034 22nd Ave S	6032 21ST AVE S	Slip 4	Separated	04/02/14	Followup	SFR	Y	N	1,276,835.71	203,223.85
The Boeing Company	1135 S Webster St	Slip 4 Other	Separated	08/18/09	Followup	Commercial	N	Y	1,273,719.50	198,662.24
741 S Elmgrove St	741 S ELMGROVE ST	South Park/Riverside Dr	Combined	04/08/13	Followup	Commercial	Y	N	1,272,259.50	196,999.06
9456 Olson PI SW 1911, 1915 SW Dawson St & 5240 21st Ave SW	9456 OLSON PL SW 1915 SW DAWSON ST	South Park/Riverside Dr SW Idaho St SD	Separated	08/05/14 03/12/14	Initial Followup	SFR SFR	Υ Υ	N N	1,268,451.56	192,702.03
5200, 5204 17th Ave SW & 5219 16th Ave SW	5200 17TH AVE SW	SW Idaho St SD SW Idaho St SD	Separated Separated	03/12/14	Followup Initial	SFR SFR	<u>Ү</u> Ү	N N	1,263,705.11 1,264,565.13	206,486.43 206,423.50
5216 19th Ave SW	5216 19TH AVE SW	SW Idaho St SD	Separated	09/22/14	Initial	SFR	Y	N	1,263,953.58	206,259.40
5219 18th Ave SW	5210 19111 AVE SW 5219 18TH AVE SW	SW Idaho St SD	Separated	09/22/14	Initial	SFR	Y	N	1,264,127.07	206,245.02
5222 19th Ave SW	5222 19TH AVE SW	SW Idaho St SD	Separated	09/22/14	Initial	SFR	Y	N	1,263,955.87	206,204.26
5226 19th Ave SW	5226 19TH AVE SW	SW Idaho St SD	Separated	09/22/14	Initial	SFR	Y	N	1,263,957.48	206,151.44
5461 16th Ave SW	5461 16TH AVE SW	SW Idaho St SD	Separated	01/07/14	Initial	SFR	Y	N	1,264,638.15	205,081.49
5467 & 5469 18th Ave SW	5469 18th Ave SW	SW Idaho St SD	Direct	12/20/11	Initial	SFR	Y	N	1,263,990.29	204,988.64
5649 & 5651 18th Ave SW	5649 18th Ave SW	SW Idaho St SD	Direct	01/24/12	Followup	SFR	Y	N	1,264,060.43	204,562.14
5903 18th Ave SW	5903 18th Ave SW	SW Idaho St SD	Direct	01/09/12	Followup	SFR	Υ	N	1,264,070.63	204,354.65
5949 17th Ave SW	5949 17TH AVE SW	SW Idaho St SD	Separated	02/27/14	Initial	SFR	Υ	N	1,264,333.58	203,851.75
5962 & 5966 18th Ave SW	5966 18TH AVE SW	SW Idaho St SD	Separated	12/01/10	Initial	SFR	Υ	N	1,264,322.96	203,710.05
6000 17th Ave SW	6000 17TH AVE SW	SW Idaho St SD	Separated	05/13/14	Initial	Multi-Family	Υ	N	1,264,542.31	203,594.45
6010, 6012 & 6014 21st Ave SW	6012 21st Ave SW	SW Idaho St SD	Direct	05/24/12	Self-Cert	SFR	Υ	N	1,263,540.59	203,583.87
6322 21st Ave SW	6322 21st Ave SW	SW Idaho St SD	Direct	12/29/11	Initial	SFR	Υ	N	1,263,541.63	202,848.00
6700, 6710, 6712, 6718 & 6724 15th Ave SW	6700 15TH AVE SW	SW Idaho St SD	Separated	06/24/14	Followup	SFR	Y	N	1,264,982.15	201,653.44
6715 14th Ave SW	6715 14TH AVE SW	SW Idaho St SD	Separated	01/08/14	Initial	SFR	Y	N	1,265,113.10	201,495.83
6731 14th Ave SW	6731 14TH AVE SW	SW Idaho St SD	Separated	01/06/14	Initial	SFR	Y	N	1,265,113.83	201,368.05
Pathfinder School	1901 SW GENESEE ST	SW Idaho St SD	Separated	10/30/14	Followup	School	Υ	N	1,264,019.78	209,314.78
South Seattle Community College	6000 16TH AVE SW	SW Idaho St SD	Separated	10/14/14	Initial	School	Υ	Y	1,265,115.42	203,234.35

APPENDIX L ILLICIT DISCHARGE DETECTION ELIMINATION INVESTIGATIONS (2014)

Seattle Public Utilities (SPU) Illicit Discharge Detection and Elimination (IDDE) Team conducted dry weather screening in the drainage basins outfalling to the Duwamish River in the summer of 2014 from May to September. Two teams were used and screened a total of 16.65% of the total city drainage, all of which were comprised of drainage basins discharging to the Duwamish River. Two percent of the Duwamish drainage basins remain to be screened and these will be screened in the summer of 2015. Below is a summary of the work done in the basins as listed by each individual drainage basin. Two maps also accompany this summary; one showing the area of basins screened and what remains and the other showing the illicit connections discovered in individual basins.

2014 Duwamish Basin Triggers

DW_DB_072 (Diagonal Basin)

Closed Triggers

- 1. 44 S Nevada St. (MH Feakey 1548577) had elevated fluoride of 0.77 mg/L. SPU source traced this issue to a broken water line. A work order was created and the repair has since been made.
- 2. Rainier Ave. S & S Grand St. (MH Feakey 1365937) had elevated fluoride of 0.73 mg/L. SPU determined that the fluoride was attributed to irrigation from a nearby park.
- 3. *S Bayview St. & 21st Ave S* (MH Feakey 1408340) had elevated fecal coliform of 8,910 CFU/100mL in the flow from the west. After multiple re-samples showing fecal coliform and fluoride below trigger levels, SPU determined that the original trigger was due to an isolated event and was unable to determine the source.
- 4. *S Snoqualmie St. & 11th Ave S.* (MH Feakey 1584027) had elevated fluoride of 0.60 mg/L in the flows from both the west and east. The other parameters did not indicate anything abnormal and SPU therefore attributed this fluoride level to nearby irrigation.
- 5. *S Dakota St. between 6th & 7th Ave S* (MH Feakey 1537002) had elevated potassium of 5.37 mg/L and after multiple re-samples, SPU determined that the potassium level was likely due to tidally influenced groundwater.
- 6. *S Jackson St. & 18th Ave S* (MH Feakey 1308198) had elevated fluoride of 0.65 mg/L. The source was determined to be runoff from a rooftop garden located at 1800 S Jackson St.
- 7. 1st Ave S & S Dakota St. (MH Feakey 1532997) had elevated fluoride of 1.00 mg/L and potassium of 5.98 mg/L. After source tracing and site visits, it was determined that the fluoride was due to condensate from refrigerators and chillers at Charlie's Produce (3844 1st Ave S) and the potassium was likely due to groundwater. No enforcement actions were taken as condensate discharge is an allowable discharge.
- 8. 6th Ave S & S Charleston St. (MH Feakey 1509203) had elevated conductivity of 3,260 μs/cm. SPU re-checked MH structure and did not observe anything unusual. SPU determined that the elevated conductivity was attributed to a tidally influenced sample.
- S Dearborn St. & Hiawatha Pl. S (MH Feakey 1320540) had elevated fluoride of 0.74 mg/L. SPU source traced this issue to a broken water line. A work order was created to have the broken water line repaired.

- 10. E of 6th Ave S & Hinds St. (MH Feakey 1474225) had elevated conductivity of 940 μs/cm and ammonia of 12 mg/L. CCTV showed infiltration from a crack in the pipe wall. Elevated parameters are likely due to groundwater infiltrating the pipe through the cracks.
- 11. S Mclellan St. & 30th Ave S (MH Feakey 1431621) had elevated fluoride of 0.75 mg/L. After source tracing, SPU determined that the fluoride was likely due to irrigation in a nearby neighborhood.
- 12. Rainier Ave S & S Bayview St. (MH Feakey 1408100) had elevated fluoride of 0.64 mg/L in the flow from the north. SPU determined that the fluoride was likely due to irrigation from the nearby McDonald's property.
- 13. *E of SW Front St & W Marginal Way* (MH Feakey 1788582) had elevated potassium of 13.70 mg/L. Source was determined to be from groundwater from a nearby greenbelt.

Open Triggers

- N of S Charlestown St & S Columbian Way (MH Feakey 1511921) had elevated potassium, ammonia, pH, & conductivity. Flow appears to be originating from a crack in the pipe and is most likely groundwater, however SPU is attempting to contact the owner of 3901 15th Ave S (Mike Brenner) to ask if he is placing lime on the roof of the building.
- 2. W Marginal Wy SW & SW Idaho St (MH Feakey 1552771) had elevated conductivity of 881 µs/cm. Sample is most likely tidally influenced however, SPU will continue to investigate.
- 3. S Snoqualmie St & Airport Way S (MH Feakey 1581652) had elevated potassium of 5.91 mg/L. Will need traffic control to source trace upstream on Airport Way. Investigation remains ongoing at this time.
- 4. 7th Ave S & S Snoqualmie St (MH Feakey 1581665) had elevated conductivity of 754 μs/cm and elevated potassium of 6.64 mg/L. GIS shows this originates from a wooded area on a hill and groundwater may be the source but SPU will continue to source trace. SPU also sampled next upstream MH and found elevated conductivity in the flow from the north. Looked in the business database at Airgas which has a contributing upstream catch basin. Megan W has made a note that "a catch basin on the Airgas property had flecks of paint in it". Will continue to investigate source.

DW_DB_084 (Lander Basin)

Closed Triggers

1. 8^{th} Ave S & S Lander St. (MH Feakey 1415023) had elevated conductivity of 800 μ s/cm. Sampling results from two groundwater sumps on the property were consistent with the results of the original MH. SPU determined the source of elevated conductivity to be groundwater.

- 2. S Lander St and 5th Ave S (MH Feakey 1414396_N) had elevated potassium of 5.57 mg/L. SPU received this trigger from the MH located in the bus only lane on 5th Ave S headed north, with sole drainage to the line coming from curbside catch basins. Newly paved, fully isolated roadway indicates likely groundwater intrusion.
- 3. Airport Way S and S Walker St (MH Feakey 1383179_N) had elevated potassium of 5.77 mg/L. SPU received this trigger from the storm line running north on Airport Way S. This line had a slow moderate flow, with iron bacteria. SPU traced the line upstream and received elevated potassium but no other elevated parameters. SPU observed several homeless encampments in the area. The MH north of S Plum St was dry. Due to the nature of this location, SPU suspects that heavy groundwater intrusion and surface introduction of bacteria (from isolated incidents) are the cause of this trigger.

Open Triggers

- 1. S Lander St and 1st Ave S (MH Feakey 1413517) had elevated fecal coliform and E.coli bacteria. It appears that flow begins one MH south of S Walker St (feakey 1389175), and that this flow location does not contain the contaminants that are present downstream. A MH sample (feakey 1405397) taken mid-block between S Lander St and S Stacy St returned with elevated ammonia and fecal coliform. SPU conducted dye testing at Magical Butter (2225 1st Ave S), The Living Computer Museum (2245 1st Ave S), Urban Reclamations (also 2225 1st Ave S) and the Lighting store (2233 1st Ave S). All dye was observed in sanitary sewer, except dye used at Magical Butter, which was observed in neither the sanitary sewer nor storm line. SPU plans to resample the storm system on 1st Ave S after line cleaning is completed to ensure that the fecal coliform discharged to this pipe system is coming from an illicit connection and not contaminants being pooled in the pipe during high tides from upstream illicit connections. Investigation of source continues.
- 2. S Lander St and 4th Ave S (MH Feakey 1413933) had elevated fecal coliform and ammonia. A business inspection was conducted at Ben's Cleaners on 8/4/2014 because a catch basin is clearly visible from 3rd Ave with soapy discharges entering it. This catch basin is pumped to an oil-water separator and then to the sanitary sewer. During the business inspection, it was noted that two pipes exiting the neighboring "Touch of Class" spa were hard plumbed to a gutter footing on the side of the building. A business inspection was conducted at the spa. The building has a jacuzzi and shower plumbed through an exterior wall to a gutter footing. A subsequent dye test of all plumbing in this building confirmed the gutter footing is connected to the sanitary sewer. The restroom is also connected to the sanitary sewer. None of the plumbing appeared to connect to storm. Investigation of source continues.
- 3. *S Lander St and Utah Ave S* (MH Feakey 1413343) had elevated fecal coliform and E.coli bacteria. This area is tidally influenced and investigation of source remains open at this time.

DW_DB_165

Open Trigger

1. 2900 SW Florida St (MH Feakey 4237397) had elevated surfactants in sample. Gated storage area upstream. SPU dye tested upstream of storage area in two buildings and results were negative. Suspect single washing pulse or tidal interference but SPU will continue this investigation.

DW_DB_169

Closed Trigger

1. 1 block E of W Marginal Way SW & S Front St (MH Feakey 1718071) had elevated conductivity and potassium. This storm line is tidally influenced and no other triggers were found. SPU suspects tidal flow is the source of the elevated parameters.

DW_DB_174

Open Trigger

1. SW Kenyon St/Detroit Ave SW (MH Feakey 1860070) had elevated fluoride (0.78 mg/L), surfactant (3.00 mg/L), and fecal coliform (8,818 CFU/100 mL). This flow appears to be largely coming from an apartment community (The Overlook Apartments) located off of SW Kenyon St. SPU sampled other lines entering the system and received no triggers. SPU conducted a followup site visit and observed a very strong washing machine odor (detergents) from the storm line running from the apartment community. A surfactant test confirmed odor with results of 3.00 mg/L. SPU contacted apartment maintenance manager and the leasing consultant on site to perform source tracing. SPU began tracing through the private lines on site but did not see the surfactant discharge. SPU installed a sewage trap and verified there was no sanitary sewer discharge. SPU also deployed optical brightener cloths into maintenance holes throughout the site, including the lone outfall pipe and detention system on SW Kenyon St. One cloth showed a suspect discharge from one of the apartment buildings, but not enough to confirm an illicit connection from a particular apartment building or unit. SPU installed temperature sensors in the private MHs on site and now need to dye test a block of apartments where a cross connection may exist based on elevated temperature values. Investigation of source continues at this time.

Confirmed Illicit Discharges & Connections

DW_DB_072 (Diagonal Street Outfall)

1. NW of Winthrop St. & MLK Blvd. (MH Feakey 1454327) had elevated surfactants (1.0 mg/L). SPU also observed sewage while source tracing north. Through multiple dye tests and CCTV footage,

- SPU identified six homes (1352, 1356, & 1362 MLK Jr. Way S & 2705, 2707 & 2709 S. Irving St.) that were illicitly connected to the storm system and issued six Notice of Violation's (NOV)'s for repair. The homes were repaired in September of 2014 and confirmed via a dye test.
- 2. Hiawatha Pl. S & S Bush Pl. (MH Feakey 1334655) had a fecal coliform value of 19,700 μs/cm. SPU source traced upstream maintenance holes and observed staining on the pipe and a sewage odor in MH (feakey 1326340). On 8/01/2014 the storm line from MH feakey 1308972 to 1314566 was CCTV'd. The CCTV showed a substantial amount of flow at that particular time, which was more flow than previously observed in the line. SPU traced the flow to Franz Family Bakeries (2006 S Weller St.) and met with site manager Dan Wingle for a walk-through and targeted areas that were using or had recently used large volumes of water. SPU conducted a dye test in each floor drain and found positive results from the drain in the freezer which had been installed and plumbed Bigfoot Plumbing circa February 2013, according to Dan. As per Dan's request, SPU also dye tested the MH located on Franz's property that the freezer drain is tied into (MH lid is mislabeled "sewer"). Dye test confirmed it to be a storm drain. An NOV was sent to Franz Family Bakeries on 08/12/2014, and by 08/27/2014 the connection was repaired. SPU conducted another dye test and confirmed that the freezer is now discharging to sanitary.
- 3. *S Industrial Way & 6th Ave S* (MH Feakey 1542975) had an elevated surfactant level of 3.0 mg/L and conductivity of 2,003 μs/cm and also observed sewage and toilet paper in storm line. SPU conducted a dye test at **601 S Nevada St**. and confirmed an illicit connection and the business was issued a NOV. The property contributed discharges from three toilets, five sinks, and eight floor drains into the storm drain. The business was issued an NOV within two days, portable bathrooms had been delivered and the bathrooms on-site were no longer being used. The repair was made in September of 2014 and confirmed via a dye test.
- 4. *S Industrial Way & 4th Ave S* (MH Feakey 1527600) had elevated conductivity of 823 μs/cm. A subsequent investigation and business inspection of **3828 4th Ave S** revealed an illicitly connected utility sink. The property owner was informed of the cross connection and made the repair shortly thereafter.
- 5. S Brighton St & Fox Ave S (MH Feakey 1785971) had elevated surfactant of 2.0 mg/L. Inspectors conducted a business inspection at **525 S Brighton St** where a cross connection from a floor drain is suspected. Dye testing and/or smoke will be conducted to determine if the floor drain is in fact cross connected.

DW_DB_084

1. 3rd Ave S & S Lander St. (MH Feakey 1416648) had elevated ammonia above trigger level. SPU observed an employee of Rabanco Recycling (at the corner of 3rd Ave S & S Forest St.) cleaning the street surface with a fire hose. Wash water that flows into the storm line contained truck track-out and leachate from recycling center. A corrective action letter was sent to Rabanco Ltd. to stop the discharge and provide a documented plan of operations for track-out prevention. The business modified site activities to ensure no continual discharge. Several follow-up visits were made to ensure no additional discharges were occurring. Final site visit for verification of

- the stopping of washing practices was 9/12/14. No discharge was ever observed after the initial visit, which was on 5/27/14.
- 2. Occidental Ave S & S Lander St. (MH Feakey 1416339) had surfactant and ammonia values above trigger levels. SPU conducted dye tests at the following properties: 2920, 2910, 2930, 2946, 2962, and 2962b 1st Ave S. Positive results from **2946** 1st Ave S (American Life Inc.) indicated an illicit connection in the restroom of the building. An NOV was issued to American Life Inc. This connection has since been fixed and the catch basins have been cleaned. A follow up dye test of all plumbing fixtures in the building confirmed that the plumbing has been corrected and no additional connections exist. The plumbing that was determined to have been illicitly connected includes six toilets, two urinals, and four hand sinks. While investigating this connection, SPU discovered a kitchen sink plumbed to the street curb at the Burlington Northern rail maintenance portable. SPU notified Burlington Northern and they immediately plumbed this sink to the sanitary sewer. No NOV was issued as the repair was made before the NOV was finished.
- 3. 6th Ave S and S Lander St (MH Feakey 1414483) had trigger level for potassium and conductivity, and elevated surfactant and bacteria. SPU also observed visible sewage in the line. Triggers were traced to 1950 6th Ave S (Green Depot), owned by Eastlake Management Inc., where two restrooms (3 toilets, one urinal, two sinks) were found to be illicitly connected to the storm system. The connection was initially suspected to be the result of a separation project in 1991; however, SPU has since determined the restrooms were connected to a storm lateral line serving drainage structures on the north side of the property. A second illicit connection from a sump pump was also located during this investigation that was discharging sink water from a kitchen to the storm drain. Repairs have been made and confirmed via a dye test.

DW_DB_113

1. S River St. & Occidental Ave S (MH Feakey 1767630) had a surfactant value of 2.0 mg/L. SPU visually source traced to a sink inside a repair garage at V. Van Dyke, Inc (150 S River St) and confirmed an illicit connection to the storm line. The drain from the sink has since been cut and the outlet pipe has been capped. No NOV was issued as this work was completed before the NOV was finished.

APPENDIX M

City-owned properties and rights-of-way on Ecology's confirmed and suspected contaminated sites list

Table M-1: City-owned properties and rights-of-way on Ecology's confirmed and suspected contaminated sites list.

FacilitySite d	el CleanupSiteName	Address	SiteStatus	WARMRank Brownfield?	PSI? V	CP?	Contaminant Name	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
22726	640 S Riverside Dr	640 S RIVERSIDE DR	Cleanup Started	N	`	Yes	Arsenic	С		С			
22726	640 S Riverside Dr	640 S RIVERSIDE DR	Cleanup Started	N	١	Yes	Halogenated Organics	С		С			
22726	640 S Riverside Dr	640 S RIVERSIDE DR	Cleanup Started	N	<u> </u>	Yes	Metals Priority Pollutants	С		С			
22726	640 S Riverside Dr	640 S RIVERSIDE DR	Cleanup Started	N	<u> </u>	Yes	Petroleum Products-Unspecified	В		С			
22726	640 S Riverside Dr	640 S RIVERSIDE DR	Cleanup Started	N	`	Yes	Polynuclear Aromatic Hydrocarbons	С		С			
2201	FIRST AVE BRIDGE LANDFILL	7700 BLOCK OF 2ND AVE SW	Awaiting Cleanup	4			Conventional Contaminants, Inorganic			С		С	
2201	FIRST AVE BRIDGE LANDFILL	7700 BLOCK OF 2ND AVE SW	Awaiting Cleanup	4			Metals Priority Pollutants	S	S	С		S	
2282	Fox Ave Building	6900 FOX AVE S	Cleanup Started	1			Halogenated Organics	С		С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Conventional Contaminants, Inorganic	С	S	С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Corrosive Wastes	С	S	С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Dioxin/Dibenzofuran Compounds	S	S	S			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Halogenated Organics	С	S	С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Metals - Other	S	S	S			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Metals Priority Pollutants	C	S	С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Non-Halogenated Solvents	С	S	С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Petroleum Products-Unspecified	С	S	С			
2050	North Boeing Field Georgetown Steam Plant	7370 E MARGINAL WAY S	Cleanup Started	5			Polychlorinated biPhenyls (PCB)	С	S	S			
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Asbestos					S	
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Base/Neutral/Acid Organics	С	С	С			
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Dioxin/Dibenzofuran Compounds			С			
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Halogenated Organics					S	
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Metals Priority Pollutants	С	С	С		_	
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Non-Halogenated Solvents					S	
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Pesticides-Unspecified	С		С			
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Petroleum-Diesel			В			
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Petroleum-Other	С					
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Polychlorinated biPhenyls (PCB)	С	С	С			
2202	Port of Seattle Terminal 117	8700 DALLAS AVE S	Cleanup Started	0			Polynuclear Aromatic Hydrocarbons	C	С	С			
2479	Puget Park	16TH AVE SW & SW EDMUNDS	Cleanup Started	N			Metals Priority Pollutants	S	S	C			
5465696	SEATTLE CHARLES ST EAST	805 S CHARLES ST	Cleanup Started	N N			Benzene			С			
5465696	SEATTLE CHARLES ST EAST	805 S CHARLES ST	Cleanup Started	N			Lead			С			
5465696	SEATTLE CHARLES ST EAST	805 S CHARLES ST	Cleanup Started	N N			Non-Halogenated Solvents Petroleum-Diesel			С			
5465696	SEATTLE CHARLES ST EAST SEATTLE CHARLES ST EAST	805 S CHARLES ST 805 S CHARLES ST	Cleanup Started	N			Petroleum-Gasoline			С			
5465696	SEATTLE CHARLES ST EAST SEATTLE CHARLES ST EAST	805 S CHARLES ST	Cleanup Started	N						C			
5465696	Seattle Charles St Ken Station	1030 7TH AVE S	Cleanup Started Cleanup Started	N N			Petroleum-Other Benzene	С		C			
	Seattle Charles St Ken Station	1030 7TH AVE S	Cleanup Started				Non-Halogenated Solvents	C					
	Seattle Charles St Ken Station	1030 7TH AVE S	Cleanup Started	N			Petroleum-Gasoline	С		C			
			•	N N				C		C			
	SEATTLE CITY CHARLES ST WEST SEATTLE CITY CHARLES ST WEST	705 S CHARLES ST 705 S CHARLES ST	Cleanup Started Cleanup Started	N N			Benzene Lead	C		С			
	SEATTLE CITY CHARLES ST WEST	705 S CHARLES ST	Cleanup Started Cleanup Started	N N			Non-Halogenated Solvents	C		С			
	SEATTLE CITY CHARLES ST WEST	705 S CHARLES ST	Cleanup Started Cleanup Started	N N			Petroleum-Diesel	C		С			
	SEATTLE CITY CHARLES ST WEST	705 S CHARLES ST	Cleanup Started	N			Petroleum-Gasoline	C		C			
	Seattle City DOT Sunny Jim	4200 AIRPORT WAY S	Awaiting Cleanup	N			Halogenated Solvents	C		В			
	Seattle City DOT Sunny Jim	4200 AIRPORT WAY S	Awaiting Cleanup	N			Petroleum-Other	C		В			
	SEATTLE CITY FIRE DEPT 14	3224 4TH AVE S	Cleanup Started	N			Petroleum-Other			С			
	Seattle City Hillman Shops	5952 RAINIER AVE S	Cleanup Started	N			Petroleum-Other			C			
	SEATTLE CITY LIGHT 4TH AVE S	3814 4TH AVE S	Awaiting Cleanup	5			Metals Priority Pollutants	С		C			
	SEATTLE CITY LIGHT 4TH AVE S	3814 4TH AVE S	Awaiting Cleanup	5			Petroleum Products-Unspecified	C		C			
	SEATTLE CITY LIGHT GEORGETOWN	1131 S ELIZABETH	Cleanup Started	N			Benzene	S		C			
	STEAM SEATTLE CITY LIGHT GEORGETOWN	1131 S ELIZABETH	Cleanup Started	N			Metals - Other	s					
	STEAM SEATTLE CITY LIGHT GEORGETOWN	1131 S ELIZABETH	Cleanup Started	N			Petroleum-Diesel	S		С			
	STEAM SEATTLE CITY LIGHT GEORGETOWN	1131 S ELIZABETH	Cleanup Started	N			Petroleum-Other	S		С			
	STEAM SEATTLE CITY LIGHT GEORGETOWN	1131 S ELIZABETH	Cleanup Started	N			Polychlorinated biPhenyls (PCB)	S		s			
	STEAM		C.Ca.lap Glariou				,						

Table M-1: City-owned properties and rights-of-way on Ecology's confirmed and suspected contaminated sites list.

FacilitySitel	CleanupSiteName	Address	SiteStatus	WARMRank Brown	field? PSI?	VCP?	Contaminant Name	Ground Water	Surface Water	Soil	Sediment	Air	Bedrock
	SEATTLE CITY LIGHT GEORGETOWN STEAM	1131 S ELIZABETH	Cleanup Started	N			Polynuclear Aromatic Hydrocarbons	S		S			
2171	Seattle City Light South Service Center	3613 4TH AVE S	Cleanup Started	5			Benzene	S		S			
2171	Seattle City Light South Service Center	3613 4TH AVE S	Cleanup Started	5			Dioxin/Dibenzofuran Compounds	S		S		S	
2171	Seattle City Light South Service Center	3613 4TH AVE S	Cleanup Started	5			Petroleum-Diesel	С		С			
2171	Seattle City Light South Service Center	3613 4TH AVE S	Cleanup Started	5			Petroleum-Gasoline	С		С			
2171	Seattle City Light South Service Center	3613 4TH AVE S	Cleanup Started	5			Petroleum-Other	S		S			
2171	Seattle City Light South Service Center	3613 4TH AVE S	Cleanup Started	5			Polychlorinated biPhenyls (PCB)	S		S		S	
59442629	Seattle City of - Fire Station 6	405 MARTIN LUTHER KING JR WAY S	Cleanup Started	N			Lead			RB			
7109	Seattle DOT W Duwamish Trail Project	S Portland St 5th AVE S to 7th AVE S	Awaiting Cleanup	N			Arsenic			С			
7109	Seattle DOT W Duwamish Trail Project	S Portland St 5th AVE S to 7th AVE S	Awaiting Cleanup	N			Lead	S		С			
7109	Seattle DOT W Duwamish Trail Project	S Portland St 5th AVE S to 7th AVE S	Awaiting Cleanup	N			Metals - Other			С			
7109	Seattle DOT W Duwamish Trail Project	S Portland St 5th AVE S to 7th AVE S	Awaiting Cleanup	N			Petroleum-Other	С		С			
7109	Seattle DOT W Duwamish Trail Project	S Portland St 5th AVE S to 7th AVE S	Awaiting Cleanup	N			Polynuclear Aromatic Hydrocarbons	S		С			
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Halogenated Organics	С	С	С		С	
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Metals - Other	С	С	С		С	
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Metals Priority Pollutants	С	С	С		С	-
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Non-Halogenated Solvents	С	С	С		С	-
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Pesticides-Unspecified	C	C	C		C	
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Petroleum Products-Unspecified	C	C			C	-
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Petroleum-Other			С			
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Phenolic Compounds	С	С	C		С	
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Polychlorinated biPhenyls (PCB)	C	C	C		С	
2027	SEATTLE IRON & METALS MAIN YRD	2955 11TH AVE SW	Cleanup Started	0	Yes		Polynuclear Aromatic Hydrocarbons	C	C	С		С	
7592916	Seattle Parks Colman School	1515 24TH AVE S	Awaiting Cleanup	N Ye			Corrosive Wastes	S		S			
7592916	Seattle Parks Colman School	1515 24TH AVE S	Awaiting Cleanup	N Ye			Halogenated Organics	S		S			
	Seattle Parks Colman School	1515 24TH AVE S		N Ye			<u> </u>	S		S			
7592916 2376		2700 AIRPORT WAY S	Awaiting Cleanup Cleanup Started	5	5		Non-Halogenated Solvents Petroleum-Other	C		C			
	Seattle Public Utilities Operations Ctr	5821 1ST AVE S	•					C		C			
62393528	Seattle Public Utilities Spoils Yard		Awaiting Cleanup	N			Petroleum-Diesel						
62393528	·	5821 1ST AVE S	Awaiting Cleanup	N			Petroleum-Gasoline			С			
	•	5821 1ST AVE S	Awaiting Cleanup	N			Petroleum-Other			С			
62984688	SEATTLE PUBLIC UTILITIES SW BARTON WATER	3816 SW BARTON	Cleanup Started	N			Metals Priority Pollutants			С			
91829569	Seattle West Maintenance HQ	9200 8TH AVE SW	Cleanup Started	N			Petroleum-Diesel			С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye			Base/Neutral/Acid Organics	С	С	С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye			Conventional Contaminants, Inorganic	С	S	С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye			Conventional Contaminants, Organic	С	S	С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	S		Halogenated Organics	С	S	С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	S		Metals Priority Pollutants	С	S	S			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	S		Non-Halogenated Solvents	S		S			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	S		Pesticides-Unspecified	S	S	S			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	s		Petroleum Products-Unspecified	С	S	С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	s		Phenolic Compounds			S			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	S		Polychlorinated biPhenyls (PCB)	S	S	С			
2180	SOUTH PARK LANDFILL	8200 2ND AVE S	Cleanup Started	2 Ye	S		Polynuclear Aromatic Hydrocarbons	S	S	С			_
2175	South Seattle Transfer Station	8100 2nd Ave S	Awaiting Cleanup	N			Conventional Contaminants, Inorganic	S	S	S			
2175	South Seattle Transfer Station	8100 2nd Ave S	Awaiting Cleanup	N			Conventional Contaminants, Organic	S	S	S			
2057	STERNOFF METALS	7201 E MARGINAL WAY S	Awaiting Cleanup	5			Metals Priority Pollutants	С	S	С			
2057	STERNOFF METALS	7201 E MARGINAL WAY S	Awaiting Cleanup	5			Petroleum Products-Unspecified	С					
2057	STERNOFF METALS	7201 E MARGINAL WAY S	Awaiting Cleanup	5			Polychlorinated biPhenyls (PCB)	С	S	С			-
9809	Whitehead Tyee Property	730 S Myrtle Street	Awaiting Cleanup	N		Yes	Non-Halogenated Solvents			С			
9809	Whitehead Tyee Property	730 S Myrtle Street	Awaiting Cleanup	N		Yes	Other Halogenated Organics	С		С			
9809	Whitehead Tyee Property	730 S Myrtle Street	Awaiting Cleanup	N		Yes	Petroleum-Other			С			
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