

Table C-1. CSO and CSO-like Composite Sample Results for Samples Collected in September 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 09/04/07 8:17:00 AM
 TimeSpan: 1
 Lab ID: L43790-1
 Matrix: STORM WTR
 % Solids:

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 09/30/07 7:27:00 AM
 TimeSpan: 2
 Lab ID: L43913-1
 Matrix: STORM WTR
 % Solids:

Locator: A00602
 Descrip: DUWAMISH SIPHON FOREBAY
 Sampled: 09/30/07 2:10:00 PM
 TimeSpan: 2
 Lab ID: L43913-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab	Valid	MDL	RDL	Units	Value	Lab	Valid	MDL	RDL	Units	Value	Lab	Valid	MDL	RDL	Units	
		Qual	Qual					Qual	Qual					Qual	Qual				
-Wet Weight Basis																			
COMBINED LABS																			
M=CV SM2320-B (03-03-001-003)																			
Total Alkalinity	--	--	--	--	--	--	24.8			1	10	mg CaCO3/L	58.7			1	10	mg CaCO3/L	
M=CV SM2540-D (03-01-009-002)																			
Total Suspended Solids	124			2	4	mg/L	43.5			2.5	5	mg/L	101			5.6	11	mg/L	
M=CV SM2540-E (03-01-009-002)																			
Volatile Suspended Solids	67.2			2	4	mg/L	29			2.5	5	mg/L	74.4			5.6	11	mg/L	
M=CV SM4500-N-C (03-03-013-003)C																			
Total Nitrogen	5.22			0.25	0.5	mg/L	4.91			0.15	0.3	mg/L	9.86			0.15	0.3	mg/L	
M=CV SM4500-NH3-G (03-03-012-004)																			
Ammonia Nitrogen	2.25			0.1	0.2	mg/L	2.2			0.1	0.2	mg/L	5.82			0.5	1	mg/L	
M=CV SM4500-NO3-F (03-03-012-004)																			
Nitrite + Nitrate Nitrogen	<MDL	U		0.02	0.04	mg/L	0.318			0.02	0.04	mg/L	0.0607			0.02	0.04	mg/L	
M=CV SM4500-P-B,F(03-03-013-003)C																			
Total Phosphorus	1.09			0.025	0.05	mg/L	0.745			0.015	0.03	mg/L	2.08			0.045	0.09	mg/L	
M=CV SM5220-D (03-04-008-003)																			
Chemical Oxygen Demand	109			20	40	mg/L	55.8			10	20	mg/L	182	E	J	30	60	mg/L	
M=CV SM5310-B (03-04-001-004)																			
Dissolved Organic Carbon	9.86			0.5	1	mg/L	7.06			0.5	1	mg/L	16.1			0.5	1	mg/L	
Total Organic Carbon	32.2			0.5	1	mg/L	21.9			0.5	1	mg/L	48.2			2.5	5	mg/L	
M=MT EPA 200.8 (06-03-004&004A-001)																			
Arsenic, Total, ICP-MS	2.55			0.5	2.5	ug/L	1.4	<RDL	J	0.5	2.5	ug/L	2.4	<RDL	J	0.5	2.5	ug/L	
Cadmium, Total, ICP-MS	0.47	<RDL	J	0.1	0.5	ug/L	0.22	<RDL	J	0.1	0.5	ug/L	0.3	<RDL	J	0.1	0.5	ug/L	
Calcium, Total, ICP-MS	9320			50	250	ug/L	6670			50	250	ug/L	14900			50	250	ug/L	
Chromium, Total, ICP-MS	5.15			0.4	2	ug/L	2.1			0.4	2	ug/L	6.5			0.4	2	ug/L	
Copper, Total, ICP-MS	41.3			0.4	2	ug/L	14.9			0.4	2	ug/L	80.7			0.4	2	ug/L	
Lead, Total, ICP-MS	20.5			0.2	1	ug/L	13.6			0.2	1	ug/L	96.3			0.2	1	ug/L	
Magnesium, Total, ICP-MS	1230			30	150	ug/L	953			30	150	ug/L	12000			30	150	ug/L	
Manganese, Total, ICP-MS	57.5			0.2	1	ug/L	34.3			0.2	1	ug/L	78			0.2	1	ug/L	
Nickel, Total, ICP-MS	5.81			0.3	1.5	ug/L	2.52			0.3	1.5	ug/L	6.78			0.3	1.5	ug/L	
Silver, Total, ICP-MS	0.25	<RDL	J	0.2	1	ug/L	<MDL	U		0.2	1	ug/L	0.22	<RDL	J	0.2	1	ug/L	
Zinc, Total, ICP-MS	158			0.5	2.5	ug/L	88.3			0.5	2.5	ug/L	232			0.5	2.5	ug/L	
M=MT EPA 245.1 (06-01-004-003)																			
Mercury, Total, CVAA	0.256			0.05	0.15	ug/L	<MDL	U		0.05	0.15	ug/L	<MDL	U		0.05	0.15	ug/L	
M=OR SW-846 8270C (7-3-01-004)																			
1,4-Dichlorobenzene	0.177			0.005	0.01	ug/L	0.126			0.0047	0.0094	ug/L	--	--	--	--	--	--	
2-Methylnaphthalene	0.0338			0.01	0.02	ug/L	0.06			0.0094	0.0189	ug/L	--	--	--	--	--	--	
4-Methylphenol	3.01			0.05	0.1	ug/L	<MDL	U		0.047	0.0943	ug/L	--	--	--	--	--	--	
Acenaphthene	<MDL	U		0.01	0.02	ug/L	<MDL	U		0.0094	0.0189	ug/L	--	--	--	--	--	--	

Table C-1. CSO and CSO-like Composite Sample Results for Samples Collected in September 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 09/04/07 8:17:00 AM
 TimeSpan: 1
 Lab ID: L43790-1
 Matrix: STORM WTR
 % Solids:

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 09/30/07 7:27:00 AM
 TimeSpan: 2
 Lab ID: L43913-1
 Matrix: STORM WTR
 % Solids:

Locator: A00602
 Descrip: DUWAMISH SIPHON FOREBAY
 Sampled: 09/30/07 2:10:00 PM
 TimeSpan: 2
 Lab ID: L43913-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Acenaphthylene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Anthracene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Benzo(a)anthracene	0.0246			0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Benzo(a)pyrene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Benzo(b)fluoranthene			U	0.01	0.02	ug/L	0.0389		0.0094	0.0189	ug/L		--	--	--	--	--	--
Benzo(g,h,i)perylene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Benzo(k)fluoranthene			U	0.01	0.02	ug/L	0.0209		0.0094	0.0189	ug/L		--	--	--	--	--	--
Benzyl Alcohol	0.058		J	0.05	0.1	ug/L	<MDL	U	0.047	0.0943	ug/L		--	--	--	--	--	--
Benzyl Butyl Phthalate	0.813			0.05	0.1	ug/L	0.31		0.047	0.0943	ug/L		--	--	--	--	--	--
Bis(2-ethylhexyl)adipate	0.454	B	U	0.05	0.1	ug/L	0.29		0.047	0.0943	ug/L		--	--	--	--	--	--
Bis(2-Ethylhexyl)Phthalate	1.51			0.025	0.05	ug/L	1.99	B	U	0.024	0.0472	ug/L		--	--	--	--	--
Bisphenol A	0.995			0.13	0.25	ug/L	0.852		0.12	0.236	ug/L		--	--	--	--	--	--
Caffeine	2.71			0.01	0.02	ug/L	6.08		0.0094	0.0189	ug/L		--	--	--	--	--	--
Chrysene	0.0394			0.01	0.02	ug/L	0.0386		0.0094	0.0189	ug/L		--	--	--	--	--	--
Dibenzo(a,h)anthracene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Diethyl Phthalate	0.546			0.025	0.05	ug/L	0.549		0.024	0.0472	ug/L		--	--	--	--	--	--
Dimethyl Phthalate	0.108			0.025	0.05	ug/L	<MDL	U	0.024	0.0472	ug/L		--	--	--	--	--	--
Di-N-Butyl Phthalate	0.562	B	U	0.025	0.05	ug/L	0.234	B	U	0.024	0.0472	ug/L		--	--	--	--	--
Di-N-Octyl Phthalate			U	0.025	0.05	ug/L	<MDL	U	0.024	0.0472	ug/L		--	--	--	--	--	--
Fluoranthene	0.0696			0.01	0.02	ug/L	0.0729		0.0094	0.0189	ug/L		--	--	--	--	--	--
Fluorene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene			U	0.01	0.02	ug/L	<MDL	U	0.0094	0.0189	ug/L		--	--	--	--	--	--
Naphthalene	0.0371			0.01	0.02	ug/L	0.0542		0.0094	0.0189	ug/L		--	--	--	--	--	--
Pentachlorophenol	0.626			0.1	0.2	ug/L	0.371		0.094	0.189	ug/L		--	--	--	--	--	--
Phenanthrene	0.0588			0.01	0.02	ug/L	0.0678		0.0094	0.0189	ug/L		--	--	--	--	--	--
Phenol	0.479			0.05	0.1	ug/L	0.052	<RDL	0.047	0.0943	ug/L		--	--	--	--	--	--
Pyrene			U	0.01	0.02	ug/L	0.0649		0.0094	0.0189	ug/L		--	--	--	--	--	--
Total 4-Nonylphenol	5.26			0.05	0.1	ug/L	2.51		0.047	0.0943	ug/L		--	--	--	--	--	--

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-2 CSO and CSO-like Composite Sample Results for Samples Collected in December 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-1
 Matrix: STORM WTR
 % Solids:

Locator: A00602
 Descrip: DUWAMISH SIPHON FORBAY
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						-Wet Weight Basis						
COMBINED LABS												
M=CV SM2320-B (03-03-001-003)												
Total Alkalinity	26.5			1	10	mg CaCO3/L	45.2			1	10	mg CaCO3/L
M=CV SM2540-D (03-01-009-002)												
Total Suspended Solids	165			9.8	20	mg/L	97			5	10	mg/L
M=CV SM2540-E (03-01-009-002)												
Volatile Suspended Solids	100			9.8	20	mg/L	48			5	10	mg/L
M=CV SM4500-N-C (03-03-013-003)C												
Total Nitrogen	7.11			0.5	1	mg/L	8.71			0.5	1	mg/L
M=CV SM4500-NH3-G (03-03-012-004)												
Ammonia Nitrogen	1.69			0.25	0.5	mg/L	5.2			0.25	0.5	mg/L
M=CV SM4500-NO3-F (03-03-012-004)												
Nitrite + Nitrate Nitrogen	0.261			0.02	0.04	mg/L	1.2			0.02	0.04	mg/L
M=CV SM4500-P-B,F(03-03-013-003)C												
Total Phosphorus	1.54			0.05	0.1	mg/L	1.24			0.05	0.1	mg/L
M=CV SM5220-D (03-04-008-003)												
Chemical Oxygen Demand	181			20	40	mg/L	101			10	20	mg/L
M=CV SM5310-B (03-04-001-004)												
Dissolved Organic Carbon	7.94			0.5	1	mg/L	11.4			0.5	1	mg/L
Total Organic Carbon	45.2			5	10	mg/L	29.1			5	10	mg/L
M=MT EPA 200.8 (06-03-004&004A-001)												
Arsenic, Dissolved, ICP-MS							1.6	<RDL	J	0.5	2.5	ug/L
Arsenic, Total, ICP-MS	1.9	<RDL	J	0.5	2.5	ug/L	2.94			0.5	2.5	ug/L
Cadmium, Dissolved, ICP-MS								<MDL	U	0.1	0.5	ug/L
Cadmium, Total, ICP-MS	0.585			0.1	0.5	ug/L	0.22	<RDL	J	0.1	0.5	ug/L
Calcium, Dissolved, ICP-MS							21200			50	250	ug/L
Calcium, Total, ICP-MS	10200			50	250	ug/L	22600			50	250	ug/L
Chromium, Dissolved, ICP-MS							0.62	<RDL	J	0.4	2	ug/L
Chromium, Total, ICP-MS	6.15			0.4	2	ug/L	7.18			0.4	2	ug/L
Copper, Dissolved, ICP-MS							2.62			0.4	2	ug/L

Table C-2 CSO and CSO-like Composite Sample Results for Samples Collected in December 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-1
 Matrix: STORM WTR
 % Solids:

Locator: A00602
 Descrip: DUWAMISH SIPHON FORBAY
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
						-Wet Weight Basis						
COMBINED LABS												
Copper, Total, ICP-MS	41			0.4	2	ug/L	51.3			0.4	2	ug/L
Lead, Dissolved, ICP-MS							0.4	<RDL	J	0.2	1	ug/L
Lead, Total, ICP-MS	30.8			0.2	1	ug/L	14.2			0.2	1	ug/L
Magnesium, Dissolved, ICP-MS							33700			30	150	ug/L
Magnesium, Total, ICP-MS	1760			30	150	ug/L	35300			30	150	ug/L
Manganese, Dissolved, ICP-MS							44.6			0.2	1	ug/L
Manganese, Total, ICP-MS	78.6			0.2	1	ug/L	83.3			0.2	1	ug/L
Nickel, Dissolved, ICP-MS							1.3	<RDL	J	0.3	1.5	ug/L
Nickel, Total, ICP-MS	6.72			0.3	1.5	ug/L	5.38			0.3	1.5	ug/L
Silver, Dissolved, ICP-MS							<MDL	U		0.2	1	ug/L
Silver, Total, ICP-MS	<MDL	U		0.2	1	ug/L	<MDL	U		0.2	1	ug/L
Zinc, Dissolved, ICP-MS							26.3			0.5	2.5	ug/L
Zinc, Total, ICP-MS	185			0.5	2.5	ug/L	107			0.5	2.5	ug/L
M=MT EPA 245.1 (06-01-004-003)												
Mercury, Total, CVAA	<MDL	U		0.05	0.15	ug/L	0.051	<RDL	J	0.05	0.15	ug/L
M=OR SW-846 8270C (7-3-01-004)												
1,4-Dichlorobenzene	0.848			0.0047	0.00943	ug/L	0.506			0.0047	0.00943	ug/L
2-Methylnaphthalene	0.289			0.0094	0.0189	ug/L	0.549			0.0094	0.0189	ug/L
4-Methylphenol	0.879	J		0.047	0.0943	ug/L	5.72			0.047	0.0943	ug/L
Acenaphthene	0.125			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Acenaphthylene	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Anthracene	0.245			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(a)anthracene	0.271			0.0094	0.0189	ug/L	0.116			0.0094	0.0189	ug/L
Benzo(a)pyrene	0.27			0.0094	0.0189	ug/L	0.159			0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.151			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.157			0.0094	0.0189	ug/L	0.0652			0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.225			0.0094	0.0189	ug/L	0.126			0.0094	0.0189	ug/L
Benzyl Alcohol	1.61			0.047	0.0943	ug/L	3.28			0.047	0.0943	ug/L
Benzyl Butyl Phthalate	0.847			0.047	0.0943	ug/L	0.876			0.047	0.0943	ug/L

Table C-2 CSO and CSO-like Composite Sample Results for Samples Collected in December 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-1
 Matrix: STORM WTR
 % Solids:

Locator: A00602
 Descrip: DUWAMISH SIPHON FORBAY
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab	Valid	MDL	RDL	Units	Value	Lab	Valid	MDL	RDL	Units
		Qual	Qual					Qual	Qual			
-Wet Weight Basis												
COMBINED LABS												
Bis(2-ethylhexyl)adipate	0.441	B	U	0.047	0.0943	ug/L	0.595	B	U	0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	3.85	B	U	0.024	0.0472	ug/L	3.3	B	U	0.024	0.0472	ug/L
Bisphenol A	0.449			0.12	0.236	ug/L	0.356			0.12	0.236	ug/L
Caffeine	7.98			0.0094	0.0189	ug/L	16.6			0.0094	0.0189	ug/L
Chrysene	0.24			0.0094	0.0189	ug/L	0.0415			0.0094	0.0189	ug/L
Dibenzo(a,h)anthracene	0.0617			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Diethyl Phthalate	1.63			0.024	0.0472	ug/L	1.68			0.024	0.0472	ug/L
Dimethyl Phthalate	<MDL		U	0.024	0.0472	ug/L	0.173			0.024	0.0472	ug/L
Di-N-Butyl Phthalate	0.699	B	U	0.024	0.0472	ug/L	0.831	B	U	0.024	0.0472	ug/L
Di-N-Octyl Phthalate	0.649			0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L
Fluoranthene	0.641			0.0094	0.0189	ug/L	0.115			0.0094	0.0189	ug/L
Fluorene	0.201			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	0.147			0.0094	0.0189	ug/L	0.0724			0.0094	0.0189	ug/L
Naphthalene	0.294			0.0094	0.0189	ug/L	0.687			0.0094	0.0189	ug/L
Pentachlorophenol	1.28		J	0.094	0.189	ug/L	1.23		J	0.094	0.189	ug/L
Phenanthrene	0.848			0.0094	0.0189	ug/L	0.125			0.0094	0.0189	ug/L
Phenol	0.313			0.047	0.0943	ug/L	1.16			0.047	0.0943	ug/L
Pyrene	0.454			0.0094	0.0189	ug/L	0.0722			0.0094	0.0189	ug/L
Total 4-Nonylphenol	2.73			0.047	0.0943	ug/L	3.73			0.047	0.0943	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-2 CSO and CSO-like Composite Sample Results for Samples Collected in December 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis												
COMBINED LABS												
M=CV SM2320-B (03-03-001-003)												
Total Alkalinity	40			1	10	mg CaCO3/L	40.7			1	10	mg CaCO3/L
M=CV SM2540-D (03-01-009-002)												
Total Suspended Solids	79			5	10	mg/L	56.7			3.3	6.7	mg/L
M=CV SM2540-E (03-01-009-002)												
Volatile Suspended Solids	46			5	10	mg/L	32.7			3.3	6.7	mg/L
M=CV SM4500-N-C (03-03-013-003)C												
Total Nitrogen	5.96			0.5	1	mg/L	7.28			0.5	1	mg/L
M=CV SM4500-NH3-G (03-03-012-004)												
Ammonia Nitrogen	2.54			0.25	0.5	mg/L	3.36			0.25	0.5	mg/L
M=CV SM4500-NO3-F (03-03-012-004)												
Nitrite + Nitrate Nitrogen	0.807			0.02	0.04	mg/L	0.859			0.02	0.04	mg/L
M=CV SM4500-P-B,F(03-03-013-003)C												
Total Phosphorus	0.741			0.05	0.1	mg/L	1.07			0.05	0.1	mg/L
M=CV SM5220-D (03-04-008-003)												
Chemical Oxygen Demand	83.8			10	20	mg/L	118			10	20	mg/L
M=CV SM5310-B (03-04-001-004)												
Dissolved Organic Carbon	12.4			0.5	1	mg/L	13.9			0.5	1	mg/L
Total Organic Carbon	21.5			5	10	mg/L	27.3			5	10	mg/L
M=MT EPA 200.8 (06-03-004&004A-001)												
Arsenic, Dissolved, ICP-MS	1.2	<RDL	J	0.5	2.5	ug/L	1.3	<RDL	J	0.5	2.5	ug/L
Arsenic, Total, ICP-MS	1.5	<RDL	J	0.5	2.5	ug/L	1.9	<RDL	J	0.5	2.5	ug/L
Cadmium, Dissolved, ICP-MS	<MDL		U	0.1	0.5	ug/L	<MDL		U	0.1	0.5	ug/L
Cadmium, Total, ICP-MS	0.17	<RDL	J	0.1	0.5	ug/L	0.23	<RDL	J	0.1	0.5	ug/L
Calcium, Dissolved, ICP-MS	9050			50	250	ug/L	9330			50	250	ug/L
Calcium, Total, ICP-MS	9580			50	250	ug/L	10200			50	250	ug/L
Chromium, Dissolved, ICP-MS	0.44	<RDL	J	0.4	2	ug/L	0.4	<RDL	J	0.4	2	ug/L
Chromium, Total, ICP-MS	3.48			0.4	2	ug/L	4.17			0.4	2	ug/L
Copper, Dissolved, ICP-MS	3.64			0.4	2	ug/L	3.29			0.4	2	ug/L

Table C-2 CSO and CSO-like Composite Sample Results for Samples Collected in December 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
						-Wet Weight Basis						
COMBINED LABS												
Copper, Total, ICP-MS	17.3			0.4	2	ug/L	22.4			0.4	2	ug/L
Lead, Dissolved, ICP-MS	0.38	<RDL	J	0.2	1	ug/L	0.37	<RDL	J	0.2	1	ug/L
Lead, Total, ICP-MS	9.57			0.2	1	ug/L	13			0.2	1	ug/L
Magnesium, Dissolved, ICP-MS	2190			30	150	ug/L	2090			30	150	ug/L
Magnesium, Total, ICP-MS	2450			30	150	ug/L	2470			30	150	ug/L
Manganese, Dissolved, ICP-MS	38.8			0.2	1	ug/L	36.4			0.2	1	ug/L
Manganese, Total, ICP-MS	74.2			0.2	1	ug/L	73.9			0.2	1	ug/L
Nickel, Dissolved, ICP-MS	1.1	<RDL	J	0.3	1.5	ug/L	1.2	<RDL	J	0.3	1.5	ug/L
Nickel, Total, ICP-MS	4.57			0.3	1.5	ug/L	5.01			0.3	1.5	ug/L
Silver, Dissolved, ICP-MS		<MDL	U	0.2	1	ug/L		<MDL	U	0.2	1	ug/L
Silver, Total, ICP-MS	0.23	<RDL	J	0.2	1	ug/L		<MDL	U	0.2	1	ug/L
Zinc, Dissolved, ICP-MS	30.6			0.5	2.5	ug/L	22			0.5	2.5	ug/L
Zinc, Total, ICP-MS	89.4			0.5	2.5	ug/L	95			0.5	2.5	ug/L
M=MT EPA 245.1 (06-01-004-003)												
Mercury, Total, CVAA		<MDL	U	0.05	0.15	ug/L	0.064	<RDL	J	0.05	0.15	ug/L
M=OR SW-846 8270C (7-3-01-004)												
1,4-Dichlorobenzene	120			0.0047	0.00943	ug/L	72.2			0.0047	0.00943	ug/L
2-Methylnaphthalene	1.33			0.0094	0.0189	ug/L	0.71			0.0094	0.0189	ug/L
4-Methylphenol	1.05			0.047	0.0943	ug/L	4.16			0.047	0.0943	ug/L
Acenaphthene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(a)anthracene	0.132			0.0094	0.0189	ug/L	0.117			0.0094	0.0189	ug/L
Benzo(a)pyrene	0.18			0.0094	0.0189	ug/L	0.163			0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.0343			0.0094	0.0189	ug/L	0.0236			0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.0785			0.0094	0.0189	ug/L	0.0692			0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.138			0.0094	0.0189	ug/L	0.136			0.0094	0.0189	ug/L
Benzyl Alcohol	1.41			0.047	0.0943	ug/L	1.88			0.047	0.0943	ug/L
Benzyl Butyl Phthalate	0.745			0.047	0.0943	ug/L	0.79			0.047	0.0943	ug/L

Table C-2 CSO and CSO-like Composite Sample Results for Samples Collected in December 2007.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 12/02/07 12:00:00 AM
 TimeSpan: 2
 Lab ID: L44133-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units						
							Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis							-Wet Weight Basis					
COMBINED LABS												
Bis(2-ethylhexyl)adipate	0.37	B	U	0.047	0.0943	ug/L	0.566	B	U	0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	2.88	B	U	0.024	0.0472	ug/L	2.55	B	U	0.024	0.0472	ug/L
Bisphenol A	0.291			0.12	0.236	ug/L	0.262			0.12	0.236	ug/L
Caffeine	8.33			0.0094	0.0189	ug/L	10.4			0.0094	0.0189	ug/L
Chrysene	0.0737			0.0094	0.0189	ug/L	0.0584			0.0094	0.0189	ug/L
Dibenzo(a,h)anthracene	<MDL		U	0.0094	0.0189	ug/L	<MDL		U	0.0094	0.0189	ug/L
Diethyl Phthalate	1.37			0.024	0.0472	ug/L	1.4			0.024	0.0472	ug/L
Dimethyl Phthalate	<MDL		U	0.024	0.0472	ug/L	<MDL		U	0.024	0.0472	ug/L
Di-N-Butyl Phthalate	0.539	B	U	0.024	0.0472	ug/L	0.71	B	U	0.024	0.0472	ug/L
Di-N-Octyl Phthalate	<MDL		U	0.024	0.0472	ug/L	<MDL		U	0.024	0.0472	ug/L
Fluoranthene	0.181			0.0094	0.0189	ug/L	0.154			0.0094	0.0189	ug/L
Fluorene	<MDL		U	0.0094	0.0189	ug/L	<MDL		U	0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	0.0793			0.0094	0.0189	ug/L	0.0738			0.0094	0.0189	ug/L
Naphthalene	0.451			0.0094	0.0189	ug/L	0.276			0.0094	0.0189	ug/L
Pentachlorophenol	<MDL		U	0.094	0.189	ug/L	<MDL		U	0.094	0.189	ug/L
Phenanthrene	0.25			0.0094	0.0189	ug/L	0.222			0.0094	0.0189	ug/L
Phenol	1.32			0.047	0.0943	ug/L	1.48			0.047	0.0943	ug/L
Pyrene	0.125			0.0094	0.0189	ug/L	0.107			0.0094	0.0189	ug/L
Total 4-Nonylphenol	1.61			0.047	0.0943	ug/L	2.43			0.047	0.0943	ug/L

Valid Qual = Validation qualifier

MDL = Method Detection Limit

RDL = Reporting Detection Limit

B = Detected in Method Blank

J = Estimated Value

U = not detected

Table C-3. CSO-like Composite Sample Results for Samples Collected in June 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-41

Locator: Lander II
 Descrip: Lander II Regulator
 Sampled: 06/03/08 9:09:00 AM
 TimeSpan: 2
 Lab ID: L44912-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						
COMBINED LABS						
M=CV SM2320-B (319V4)						
Total Alkalinity	58.6			1	5	mg CaCO3/L
M=CV SM2540-D (309V2)						
Total Suspended Solids	109			5	10	mg/L
M=CV SM2540-E (309V2)						
Volatile Suspended Solids	80			5	10	mg/L
M=CV SM4110B (320V4)						
Chloride	10.8			0.05	0.1	mg/L
M=CV SM4500-N-C (331V3)C						
Total Nitrogen	13.9			1	2	mg/L
M=CV SM4500-NH3-G (330V4)						
Ammonia Nitrogen	7.42			1	2	mg/L
M=CV SM4500-NO3-F (330V4)						
Nitrite + Nitrate Nitrogen	0.436			0.02	0.04	mg/L
M=CV SM4500-P-B,F(331V3)C						
Total Phosphorus	2.26			0.1	0.2	mg/L
M=CV SM5220-D (339V2)						
Chemical Oxygen Demand	196			50	100	mg/L
M=CV SM5310-B (336V4)						
Dissolved Organic Carbon	16.8			0.5	1	mg/L
Total Organic Carbon	52.2			0.5	1	mg/L
M=MT EPA 200.8 (06-03-004&004A-001)						
Arsenic, Total, ICP-MS	2.67			0.5	2.5	ug/L
Cadmium, Total, ICP-MS	0.23	<RDL	J	0.1	0.5	ug/L
Calcium, Total, ICP-MS	11200			50	250	ug/L
Chromium, Total, ICP-MS	4.18			0.4	2	ug/L
Copper, Total, ICP-MS	40.4			0.4	2	ug/L
Iron, Total, ICP-MS	1620			20	100	ug/L
Lead, Total, ICP-MS	14			0.2	1	ug/L
Magnesium, Total, ICP-MS	2480			30	150	ug/L
Manganese, Total, ICP-MS	69.9			0.2	1	ug/L
Nickel, Total, ICP-MS	4.52			0.3	1.5	ug/L
Silver, Total, ICP-MS	0.59	<RDL	J	0.2	1	ug/L
Zinc, Total, ICP-MS	174			0.5	2.5	ug/L
M=MT EPA 245.1 (06-01-004-003)						
Mercury, Total, CVAA	0.287			0.05	0.15	ug/L
M=OR SW-846 8270C (7-3-01-004)						
1,4-Dichlorobenzene	--	--	--	--	--	--

Table C-3. CSO-like Composite Sample Results for Samples Collected in June 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-41

Locator: Lander II
 Descrip: Lander II Regulator
 Sampled: 06/03/08 9:09:00 AM
 TimeSpan: 2
 Lab ID: L44912-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						
2-Methylnaphthalene	0.427			0.005	0.01	ug/L
4-Methylphenol						
Acenaphthene	<MDL	U		0.005	0.01	ug/L
Acenaphthylene	<MDL	U		0.005	0.01	ug/L
Anthracene	0.0294			0.005	0.01	ug/L
Benzo(a)anthracene	0.0187			0.005	0.01	ug/L
Benzo(a)pyrene	0.063			0.005	0.01	ug/L
Benzo(b)fluoranthene	0.0357			0.005	0.01	ug/L
Benzo(g,h,i)perylene	0.0226			0.005	0.01	ug/L
Benzo(k)fluoranthene	0.0366			0.005	0.01	ug/L
Benzyl Alcohol	--	--	--	--	--	--
Benzyl Butyl Phthalate	0.782			0.025	0.05	ug/L
Bis(2-ethylhexyl)adipate						
Bis(2-Ethylhexyl)Phthalate	1.97	B	U	0.013	0.025	ug/L
Bisphenol A	--	--	--	--	--	--
Caffeine	32	J2				ug/L
Chrysene	0.023			0.005	0.01	ug/L
Dibenzo(a,h)anthracene	0.009	<RDL		0.005	0.01	ug/L
Diethyl Phthalate	1.2			0.013	0.025	ug/L
Dimethyl Phthalate	<MDL	U		0.013	0.025	ug/L
Di-N-Butyl Phthalate	0.282	B	U	0.013	0.025	ug/L
Di-N-Octyl Phthalate	<MDL	U		0.013	0.025	ug/L
Fluoranthene	0.0438			0.005	0.01	ug/L
Fluorene	0.0592			0.005	0.01	ug/L
Indeno(1,2,3-Cd)Pyrene	0.0188			0.005	0.01	ug/L
Naphthalene	0.0904			0.005	0.01	ug/L
Pentachlorophenol	--	--	--	--	--	--
Phenanthrene	0.0902			0.005	0.01	ug/L
Phenol	--	--	--	--	--	--
Pyrene	0.0886			0.005	0.01	ug/L
Total 4-Nonylphenol	--	--	--	--	--	--

Valid Qual = Validation qualifier

MDL = Method Detection Limit

RDL = Reporting Detection Limit

B = Detected in Method Blank

J = Estimated Value

U = not detected

Table C-4. CSO and CSO-like Composite Sample Results for Samples Collected in August 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 08/19/08 10:14:00 PM
 TimeSpan: 2
 Lab ID: L45811-1
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 08/20/08 1:35:00 AM
 TimeSpan: 1
 Lab ID: L45811-3
 Matrix: STORM WTR
 % Solids:

Locator: LANDER II
 Descrip: LANDER II Regulator
 Sampled: 08/20/08 1:01:00 AM
 TimeSpan: 2
 Lab ID: L45811-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
																			-Wet Weight Basis
COMBINED LABS																			
M=CV SM2320-B (319V4)																			
Total Alkalinity	28.7			1	5	mg CaCO3/L	54.7			1	5	mg CaCO3/L	34.8			1	5	mg CaCO3/L	
M=CV SM2540-D (309V3)																			
Total Suspended Solids	227			8.3	17	mg/L	53			5	10	mg/L	38			5	10	mg/L	
M=CV SM2540-E (309V3)																			
Volatile Suspended Solids	148			8.3	17	mg/L	40			5	10	mg/L	28			5	10	mg/L	
M=CV SM4110B (320V4)																			
Chloride	3.52			0.05	0.1	mg/L	19.3			0.25	0.5	mg/L	6.71			0.05	0.1	mg/L	
M=CV SM4500-N-C (331V3)C																			
Total Nitrogen	8.33			0.5	1	mg/L	11.6			0.5	1	mg/L	5.74			0.5	1	mg/L	
M=CV SM4500-NH3-G (330V4)																			
Ammonia Nitrogen	1.46	H	J	0.2	0.4	mg/L	10.2			1	2	mg/L	2.62			0.2	0.4	mg/L	
M=CV SM4500-NO3-F (330V4)																			
Nitrite + Nitrate Nitrogen	0.221	H	J	0.02	0.04	mg/L	1.06			0.06	0.12	mg/L	0.541			0.02	0.04	mg/L	
M=CV SM4500-P-B,F(331V3)C																			
Total Phosphorus	2.03			0.05	0.1	mg/L	2.11			0.05	0.1	mg/L	1.05			0.05	0.1	mg/L	
M=CV SM5220-D (339V2)																			
Chemical Oxygen Demand	188			50	100	mg/L	116			20	40	mg/L	76.5			10	20	mg/L	
M=CV SM5310-B (336V4)																			
Dissolved Organic Carbon	15		J	0.5	1	mg/L	17.9			0.5	1	mg/L	13.5			0.5	1	mg/L	
Total Organic Carbon	60.7			1	2	mg/L	34.5			0.5	1	mg/L	27.3			0.5	1	mg/L	
M=MT CVAA EPA 245.1 (604V4)																			
Mercury, Total, CVAA	0.11	<RDL	J	0.05	0.15	ug/L	<MDL	U		0.05	0.15	ug/L	<MDL	U		0.05	0.15	ug/L	
M=MT ICPMS EPA 200.8 (623V0,624V0)																			
Arsenic, Total, ICP-MS	2.92			0.1	0.5	ug/L	2.71			0.1	0.5	ug/L	2.02			0.1	0.5	ug/L	
Cadmium, Total, ICP-MS	1.05			0.05	0.25	ug/L	0.23	<RDL	J	0.05	0.25	ug/L	0.18	<RDL	J	0.05	0.25	ug/L	
Calcium, Total, ICP-MS	10700			10	50	ug/L	12600			10	50	ug/L	9130			10	50	ug/L	
Chromium, Total, ICP-MS	8.05			0.2	1	ug/L	3.06			0.2	1	ug/L	2.32			0.2	1	ug/L	
Copper, Total, ICP-MS	76.3			0.4	2	ug/L	23.7			0.4	2	ug/L	23.6			0.4	2	ug/L	
Iron, Total, ICP-MS	3530			10	10	ug/L	1120			10	10	ug/L	708			10	10	ug/L	
Lead, Total, ICP-MS	49.9			0.1	0.1	ug/L	8.69			0.1	0.1	ug/L	8.24			0.1	0.1	ug/L	
Magnesium, Total, ICP-MS	1660			10	50	ug/L	2040			10	50	ug/L	1510			10	50	ug/L	
Manganese, Total, ICP-MS	83.5			0.05	0.25	ug/L	59.4			0.05	0.25	ug/L	38.4			0.05	0.25	ug/L	
Nickel, Total, ICP-MS	9.77			0.1	0.5	ug/L	4.23			0.1	0.5	ug/L	2.73			0.1	0.5	ug/L	
Silver, Total, ICP-MS	0.396			0.05	0.25	ug/L	0.099	<RDL	J	0.05	0.25	ug/L	0.19	<RDL	J	0.05	0.25	ug/L	
Zinc, Total, ICP-MS	244			0.5	2.5	ug/L	111			0.5	2.5	ug/L	125			0.5	2.5	ug/L	

Table C-4. CSO and CSO-like Composite Sample Results for Samples Collected in August 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1		Locator: A4007					Locator: CS030					Locator: LANDER II							
		Descr: MICHIGAN STREET REG					Descr: HANFORD ST CSO					Descr: LANDER II Regulator							
		Sampled: 08/19/08 10:14:00 PM					Sampled: 08/20/08 1:35:00 AM					Sampled: 08/20/08 1:01:00 AM							
		TimeSpan: 2					TimeSpan: 1					TimeSpan: 2							
		Lab ID: L45811-1					Lab ID: L45811-3					Lab ID: L45811-6							
		Matrix: STORM WTR					Matrix: STORM WTR					Matrix: STORM WTR							
		% Solids:					% Solids:					% Solids:							
Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
						-Wet Weight Basis						-Wet Weight Basis							
M=MT ICPMS EPA 200.8 (623V1)																			
Arsenic, Dissolved, ICP-MS	1.57			0.1	0.5	ug/L	2.45			0.1	0.5	ug/L	1.8			0.1	0.5	ug/L	
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Calcium, Dissolved, ICP-MS	8080			10	50	ug/L	11500			10	50	ug/L	8440			10	50	ug/L	
Chromium, Dissolved, ICP-MS	0.49	<RDL	J	0.2	1	ug/L	0.86	<RDL	J	0.2	1	ug/L	0.76	<RDL	J	0.2	1	ug/L	
Copper, Dissolved, ICP-MS	4.62			0.4	2	ug/L	5.83			0.4	2	ug/L	7.82			0.4	2	ug/L	
Lead, Dissolved, ICP-MS	1.14			0.1	0.1	ug/L	0.436			0.1	0.1	ug/L	0.964			0.1	0.1	ug/L	
Magnesium, Dissolved, ICP-MS	761			10	50	ug/L	1640			10	50	ug/L	1230			10	50	ug/L	
Manganese, Dissolved, ICP-MS	38.4			0.05	0.25	ug/L	36.2			0.05	0.25	ug/L	28.6			0.05	0.25	ug/L	
Nickel, Dissolved, ICP-MS	1.77			0.1	0.5	ug/L	2.12			0.1	0.5	ug/L	1.4			0.1	0.5	ug/L	
Silver, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Zinc, Dissolved, ICP-MS	12.5			0.5	2.5	ug/L	43.4			0.5	2.5	ug/L	80.3			0.5	2.5	ug/L	
M=OR SW-846 8270C (7-3-01-004)																			
1,4-Dichlorobenzene	0.222			0.0047	0.00943	ug/L	534			0.0047	0.00943	ug/L	0.537			0.0047	0.00943	ug/L	
2-Methylnaphthalene	0.252			0.0094	0.0189	ug/L	0.086			0.0094	0.0189	ug/L	0.495			0.0094	0.0189	ug/L	
4-Methylphenol	0.276		J	0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	
Acenaphthene	<MDL	U		0.0094	0.0189	ug/L	0.0692			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Acenaphthylene	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Anthracene	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Benzo(a)anthracene	0.0631			0.0094	0.0189	ug/L	0.0237			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Benzo(a)pyrene	0.058			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Benzo(b)fluoranthene	0.0732			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Benzo(g,h,i)perylene	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Benzo(k)fluoranthene	0.0711			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Benzyl Alcohol	<MDL	U		0.047	0.0943	ug/L	2.49	J		0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	
Benzyl Butyl Phthalate	1.23	B	U	0.047	0.0943	ug/L	0.476	B	U	0.047	0.0943	ug/L	0.542	B	U	0.047	0.0943	ug/L	
Bis(2-ethylhexyl)adipate	0.486	B	U	0.047	0.0943	ug/L	0.349	B	U	0.047	0.0943	ug/L	<MDL,B	U		0.047	0.0943	ug/L	
Bis(2-Ethylhexyl)Phthalate	2.87	B	U	0.024	0.0472	ug/L	2.34	B	U	0.024	0.0472	ug/L	2.41	B	U	0.024	0.0472	ug/L	
Bisphenol A	1.65			0.12	0.236	ug/L	0.614			0.12	0.236	ug/L	0.608			0.12	0.236	ug/L	
Caffeine	5.42			0.0094	0.0189	ug/L	9.85			0.0094	0.0189	ug/L	7.11			0.0094	0.0189	ug/L	
Chrysene	0.0987			0.0094	0.0189	ug/L	0.038			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Dibenzo(a,h)anthracene	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	
Diethyl Phthalate	0.698	B	U	0.024	0.0472	ug/L	1.52			0.024	0.0472	ug/L	1.02	B	U	0.024	0.0472	ug/L	
Dimethyl Phthalate	<MDL	UJ		0.024	0.0472	ug/L	0.33	J		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
Di-N-Butyl Phthalate	0.283	B	U	0.024	0.0472	ug/L	0.255	B	U	0.024	0.0472	ug/L	0.318	B	U	0.024	0.0472	ug/L	
Di-N-Octyl Phthalate	0.918			0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L	
Fluoranthene	0.111			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	

Table C-4. CSO and CSO-like Composite Sample Results for Samples Collected in August 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 08/19/08 10:14:00 PM
 TimeSpan: 2
 Lab ID: L45811-1
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 08/20/08 1:35:00 AM
 TimeSpan: 1
 Lab ID: L45811-3
 Matrix: STORM WTR
 % Solids:

Locator: LANDER II
 Descrip: LANDER II Regulator
 Sampled: 08/20/08 1:01:00 AM
 TimeSpan: 2
 Lab ID: L45811-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Fluorene	0.14			0.0094	0.0189	ug/L	0.141			0.0094	0.0189	ug/L	0.129			0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	0.0538			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Naphthalene	0.11			0.0094	0.0189	ug/L	0.0959			0.0094	0.0189	ug/L	0.445			0.0094	0.0189	ug/L
Pentachlorophenol	0.16	<RDL	J	0.094	0.189	ug/L	0.15	<RDL	J	0.094	0.189	ug/L	0.11	<RDL	J	0.094	0.189	ug/L
Phenanthrene	0.168			0.0094	0.0189	ug/L	0.14			0.0094	0.0189	ug/L	0.0927			0.0094	0.0189	ug/L
Phenol	0.185			0.047	0.0943	ug/L	6.22			0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L
Pyrene	0.118			0.0094	0.0189	ug/L	0.025			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Total 4-Nonylphenol	7.63			0.047	0.0943	ug/L	5.71			0.047	0.0943	ug/L	2.47			0.047	0.0943	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 11/04/08 5:34:00 AM
 TimeSpan: 2
 Lab ID: L46418-3
 Matrix: STORM WTR
 % Solids:

Locator: Lander II Reg
 Descrip: Lander II Reg
 Sampled: 11/04/08 4:14:00 AM
 TimeSpan: 2
 Lab ID: L46418-6
 Matrix: STORM WTR
 % Solids:

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 11/06/08 2:58:00 PM
 TimeSpan: 2
 Lab ID: L46918-1
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid			Units	Value	Lab Qual	Valid			Units	Value	Lab Qual	Valid			Units
			Qual	MDL	RDL				Qual	MDL	RDL				Qual	MDL	RDL	
-Wet Weight Basis						-Wet Weight Basis						-Wet Weight Basis						
COMBINED LABS																		
M=CV SM2320-B (319V4)																		
Total Alkalinity	35			1	5	mg CaCO3/L	24.5			1	5	mg CaCO3/L	23.1			1	5	mg CaCO3/L
M=CV SM2540-D (309V3)																		
Total Suspended Solids	62.5			2.5	5	mg/L	51.5			2.5	5	mg/L	89.2			2	4	mg/L
M=CV SM2540-E (309V3)																		
Volatile Suspended Solids	25.5			2.5	5	mg/L	28.5			2.5	5	mg/L	41.2			2	4	mg/L
M=CV SM4110B (320V4)																		
Chloride	6.57			0.05	0.1	mg/L	3.45			0.05	0.1	mg/L	34.2			0.5	1	mg/L
M=CV SM4500-N-C (331V3)C																		
Total Nitrogen	5.33			1	2	mg/L	3.92			0.5	1	mg/L	3			1	2	mg/L
M=CV SM4500-NH3-G (330V4)																		
Ammonia Nitrogen	2.18			0.25	0.5	mg/L	1.43			0.2	0.4	mg/L	0.5			0.05	0.1	mg/L
M=CV SM4500-NO3-F (330V4)																		
Nitrite + Nitrate Nitrogen	1.24			0.08	0.16	mg/L	0.435			0.02	0.04	mg/L	0.279			0.02	0.04	mg/L
M=CV SM4500-P-B,F(331V3)C																		
Total Phosphorus	0.706			0.1	0.2	mg/L	0.637			0.05	0.1	mg/L	0.507			0.1	0.2	mg/L
M=CV SM5220-D (339V2)																		
Chemical Oxygen Demand	65.3			20	40	mg/L	65			20	40	mg/L	108			20	40	mg/L
M=CV SM5310-B (336V4)																		
Dissolved Organic Carbon	7.23			0.5	1	mg/L	7.91			0.5	1	mg/L	12.1			0.5	1	mg/L
Total Organic Carbon	20.1			0.5	1	mg/L	20.6			0.5	1	mg/L	29.1			0.5	1	mg/L
M=MT CVAA EPA 245.1 (604V4)																		
Mercury, Dissolved, CVAA	<MDL,H	U		0.05	0.15	ug/L	<MDL,H	U		0.05	0.15	ug/L	<MDL,H	U		0.005	0.015	ug/L
Mercury, Total, CVAA	<MDL	U		0.05	0.15	ug/L	<MDL	U		0.05	0.15	ug/L	0.039			0.005	0.015	ug/L
M=MT EPA 200.8*SW846 6020A																		
Arsenic, Dissolved, ICP-MS	1.79	H		0.1	0.5	ug/L	0.958	H		0.1	0.5	ug/L	0.872	H		0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS	<MDL,H	U		0.05	0.25	ug/L	<MDL,H	U		0.05	0.25	ug/L	0.06	<RDL,H	J	0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	11400	H		10	50	ug/L	6910	H		10	50	ug/L	6850	H		10	50	ug/L
Chromium, Dissolved, ICP-MS	0.49	<RDL,H	J	0.2	1	ug/L	0.41	<RDL,H	J	0.2	1	ug/L	0.6	<RDL,H	J	0.2	1	ug/L
Copper, Dissolved, ICP-MS	3.19	H		0.4	2	ug/L	5.81	H		0.4	2	ug/L	4.24	H		0.4	2	ug/L
Iron, Dissolved, ICP-MS	71.9	H		10	10	ug/L	62.8	H		10	10	ug/L	66.5	H		10	10	ug/L
Lead, Dissolved, ICP-MS	0.513	H		0.075	0.1	ug/L	1.14	H		0.075	0.1	ug/L	0.804	H		0.075	0.1	ug/L
Magnesium, Dissolved, ICP-MS	1720	H		10	50	ug/L	1270	H		10	50	ug/L	2570	H		10	50	ug/L
Manganese, Dissolved, ICP-MS	36.3	H		0.1	0.5	ug/L	22.6	H		0.1	0.5	ug/L	20.4	H		0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	1.32	H		0.1	0.5	ug/L	0.937	H		0.1	0.5	ug/L	0.996	H		0.1	0.5	ug/L
Silver, Dissolved, ICP-MS	<MDL,H	U		0.05	0.25	ug/L	<MDL,H	U		0.05	0.25	ug/L	<MDL,H	U		0.05	0.25	ug/L

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 11/04/08 5:34:00 AM
 TimeSpan: 2
 Lab ID: L46418-3
 Matrix: STORM WTR
 % Solids:

Locator: Lander II Reg
 Descrip: Lander II Reg
 Sampled: 11/04/08 4:14:00 AM
 TimeSpan: 2
 Lab ID: L46418-6
 Matrix: STORM WTR
 % Solids:

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 11/06/08 2:58:00 PM
 TimeSpan: 2
 Lab ID: L46918-1
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units												
							Value	Lab Qual	Valid Qual	MDL	RDL	Units						
-Wet Weight Basis																		
Zinc, Dissolved, ICP-MS	30.6	H		0.5	2.5	ug/L	38	H		0.5	2.5	ug/L	35.6	H		0.5	2.5	ug/L
M=MT ICPMS EPA 200.8 (623V1)																		
Arsenic, Total, ICP-MS	2.54			0.1	0.5	ug/L	1.34			0.1	0.5	ug/L	1.85			0.1	0.5	ug/L
Cadmium, Total, ICP-MS	0.24	<RDL	J	0.05	0.25	ug/L	0.18	<RDL	J	0.05	0.25	ug/L	0.471			0.05	0.25	ug/L
Calcium, Total, ICP-MS	12000			10	50	ug/L	7020			10	50	ug/L	7090			10	50	ug/L
Chromium, Total, ICP-MS	3.73			0.2	1	ug/L	2.68			0.2	1	ug/L	5.12			0.2	1	ug/L
Copper, Total, ICP-MS	19			0.4	2	ug/L	22.8			0.4	2	ug/L	25.2			0.4	2	ug/L
Iron, Total, ICP-MS	1950			10	10	ug/L	960			10	10	ug/L	2260			10	10	ug/L
Lead, Total, ICP-MS	12.5			0.075	0.1	ug/L	12			0.075	0.1	ug/L	20.2			0.075	0.1	ug/L
Magnesium, Total, ICP-MS	2280			10	50	ug/L	1550			10	50	ug/L	3130			10	50	ug/L
Manganese, Total, ICP-MS	69.1			0.1	0.5	ug/L	36.7			0.1	0.5	ug/L	57.9			0.1	0.5	ug/L
Nickel, Total, ICP-MS	4.84			0.1	0.5	ug/L	2.67			0.1	0.5	ug/L	4.67			0.1	0.5	ug/L
Silver, Total, ICP-MS	0.12	<RDL	J	0.05	0.25	ug/L	0.19	<RDL	J	0.05	0.25	ug/L	0.12	<RDL	J	0.05	0.25	ug/L
Zinc, Total, ICP-MS	95.4			0.5	2.5	ug/L	84			0.5	2.5	ug/L	105			0.5	2.5	ug/L
M=OR SW-846 8270C (7-3-01-004)																		
1,4-Dichlorobenzene	78.8			0.0047	0.00943	ug/L	0.332			0.0047	0.00943	ug/L	0.0811			0.0047	0.00943	ug/L
2-Methylnaphthalene	0.0908			0.0094	0.0189	ug/L	0.0453			0.0094	0.0189	ug/L	0.146			0.0094	0.0189	ug/L
4-Methylphenol	0.255			0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L
Acenaphthene	0.0286			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	0.0687			0.0094	0.0189	ug/L
Acenaphthylene	<MDL		U	0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Anthracene	0.0289			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	0.024			0.0094	0.0189	ug/L
Benzo(a)anthracene	0.05			0.0094	0.0189	ug/L	0.0307			0.0094	0.0189	ug/L	0.0226			0.0094	0.0189	ug/L
Benzo(a)pyrene	0.0363			0.0094	0.0189	ug/L	0.041			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.0498			0.0094	0.0189	ug/L	0.0379			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.0363			0.0094	0.0189	ug/L	0.0297			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.0442			0.0094	0.0189	ug/L	0.0375			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzyl Alcohol	0.672			0.047	0.0943	ug/L	0.775			0.047	0.0943	ug/L	0.257			0.047	0.0943	ug/L
Benzyl Butyl Phthalate	0.395			0.047	0.0943	ug/L	0.338			0.047	0.0943	ug/L	0.257			0.047	0.0943	ug/L
Bis(2-ethylhexyl)adipate	<MDL		U	0.047	0.0943	ug/L	0.314			0.047	0.0943	ug/L	0.257			0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	1.7	B	U	0.024	0.0472	ug/L	1.99	B	U	0.024	0.0472	ug/L	1.05	B	U	0.024	0.0472	ug/L
Bisphenol A	0.18	<RDL		0.12	0.236	ug/L	0.271			0.12	0.236	ug/L	0.332			0.12	0.236	ug/L
Caffeine	3.64			0.0094	0.0189	ug/L	3.14			0.0094	0.0189	ug/L	4.33			0.0094	0.0189	ug/L
Chrysene	0.071			0.0094	0.0189	ug/L	0.0557			0.0094	0.0189	ug/L	0.0452			0.0094	0.0189	ug/L
Dibenzo(a,h)anthracene	<MDL		U	0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Diethyl Phthalate	0.544			0.024	0.0472	ug/L	0.457			0.024	0.0472	ug/L	0.483			0.024	0.0472	ug/L

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 11/04/08 5:34:00 AM
 TimeSpan: 2
 Lab ID: L46418-3
 Matrix: STORM WTR
 % Solids:

Locator: Lander II Reg
 Descrip: Lander II Reg
 Sampled: 11/04/08 4:14:00 AM
 TimeSpan: 2
 Lab ID: L46418-6
 Matrix: STORM WTR
 % Solids:

Locator: A4007
 Descrip: MICHIGAN STREET REG
 Sampled: 11/06/08 2:58:00 PM
 TimeSpan: 2
 Lab ID: L46918-1
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid		MDL	RDL	Units	Value	Lab Qual	Valid		MDL	RDL	Units	Value	Lab Qual	Valid		MDL	RDL	Units
			Qual	Qual						Qual	Qual										
-Wet Weight Basis																					
Dimethyl Phthalate		<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L		
Di-N-Butyl Phthalate	0.259	B	U		0.024	0.0472	ug/L	0.386	B	U	0.024	0.0472	ug/L	0.163			0.024	0.0472	ug/L		
Di-N-Octyl Phthalate		<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L		
Fluoranthene	0.117				0.0094	0.0189	ug/L	0.0666			0.0094	0.0189	ug/L	0.0877			0.0094	0.0189	ug/L		
Fluorene	0.0639				0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	0.0777			0.0094	0.0189	ug/L		
Indeno(1,2,3-Cd)Pyrene	0.0207				0.0094	0.0189	ug/L	0.0262			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L		
Naphthalene	<MDL		U		0.0094	0.0189	ug/L	0.0433			0.0094	0.0189	ug/L	0.302			0.0094	0.0189	ug/L		
Pentachlorophenol	0.13	<RDL			0.094	0.189	ug/L	0.11	<RDL		0.094	0.189	ug/L	0.11	<RDL		0.094	0.189	ug/L		
Phenanthrene	0.185				0.0094	0.0189	ug/L	0.0626			0.0094	0.0189	ug/L	0.152			0.0094	0.0189	ug/L		
Phenol	<MDL		U		0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L		
Pyrene	0.126				0.0094	0.0189	ug/L	0.0761			0.0094	0.0189	ug/L	0.093			0.0094	0.0189	ug/L		
Total 4-Nonylphenol	1.31				0.047	0.0943	ug/L	1.16			0.047	0.0943	ug/L	0.755			0.047	0.0943	ug/L		

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 11/06/08 4:05:00 PM
 TimeSpan: 2
 Lab ID: L46918-3
 Matrix: STORM WTR
 % Solids:

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 11/06/08 8:28:00 PM
 TimeSpan: 2
 Lab ID: L46918-5
 Matrix: STORM WTR
 % Solids:

Locator: Lander II Reg
 Descrip: Lander II Reg
 Sampled: 11/06/08 3:42:00 PM
 TimeSpan: 2
 Lab ID: L46918-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid			Units	Value	Lab Qual	Valid			Units	Value	Lab Qual	Valid			Units					
			Qual	MDL	RDL				Qual	MDL	RDL				Qual	MDL	RDL						
						-Wet Weight Basis												-Wet Weight Basis					
COMBINED LABS																							
M=CV SM2320-B (319V4)																							
Total Alkalinity	63.8			1		5 mg CaCO3/L	18.4			1		5 mg CaCO3/L	54.3			1		5 mg CaCO3/L					
M=CV SM2540-D (309V3)																							
Total Suspended Solids	156			5		10 mg/L	103			2.5		5 mg/L	84.2			4.2		8.3 mg/L					
M=CV SM2540-E (309V3)																							
Volatile Suspended Solids	82			5		10 mg/L	26.5			2.5		5 mg/L	40			4.2		8.3 mg/L					
M=CV SM4110B (320V4)																							
Chloride	24.7			0.5		1 mg/L	6.95			0.05		0.1 mg/L	9.79			0.5		1 mg/L					
M=CV SM4500-N-C (331V3)C																							
Total Nitrogen	10.8			1		2 mg/L	2.7			0.5		1 mg/L	7.83			0.5		1 mg/L					
M=CV SM4500-NH3-G (330V4)																							
Ammonia Nitrogen	5.33			0.5		1 mg/L	0.577			0.1		0.2 mg/L	4.01			0.5		1 mg/L					
M=CV SM4500-NO3-F (330V4)																							
Nitrite + Nitrate Nitrogen	<MDL		U		0.02	0.04 mg/L	0.192			0.02		0.04 mg/L	0.0648			0.02		0.04 mg/L					
M=CV SM4500-P-B,F(331V3)C																							
Total Phosphorus	2.17			0.1		0.2 mg/L	0.392			0.1		0.2 mg/L	1.41			0.05		0.1 mg/L					
M=CV SM5220-D (339V2)																							
Chemical Oxygen Demand	1750			250		500 mg/L	65.7			20		40 mg/L	487			50		100 mg/L					
M=CV SM5310-B (336V4)																							
Dissolved Organic Carbon	610			50		100 mg/L	5.06			0.5		1 mg/L	68.6			5		10 mg/L					
Total Organic Carbon	625			50		100 mg/L	18.8			0.5		1 mg/L	92.2			5		10 mg/L					
M=MT CVAA EPA 245.1 (604V4)																							
Mercury, Dissolved, CVAA	0.0435	H		0.005		0.015 ug/L	<MDL,H		U	0.005		0.015 ug/L	0.0088	<RDL,H	J	0.005		0.015 ug/L					
Mercury, Total, CVAA	0.113			0.01		0.03 ug/L	0.0415			0.005		0.015 ug/L	0.0613			0.005		0.015 ug/L					
M=MT EPA 200.8*SW846 6020A																							
Arsenic, Dissolved, ICP-MS	2.82	H,J,L	J	0.1		0.5 ug/L	0.699	H		0.1		0.5 ug/L	1.66	H		0.1		0.5 ug/L					
Cadmium, Dissolved, ICP-MS	<MDL,H		U	0.05		0.25 ug/L	<MDL,H		U	0.05		0.25 ug/L	<MDL,H		U	0.05		0.25 ug/L					
Calcium, Dissolved, ICP-MS	13400	H		10		50 ug/L	5060	H		10		50 ug/L	11000	H		10		50 ug/L					
Chromium, Dissolved, ICP-MS	1.05	H		0.2		1 ug/L	0.5	<RDL,H	J	0.2		1 ug/L	0.69	<RDL,H	J	0.2		1 ug/L					
Copper, Dissolved, ICP-MS	2.78	H		0.4		2 ug/L	3.78	H		0.4		2 ug/L	7.04	H		0.4		2 ug/L					
Iron, Dissolved, ICP-MS	186	H		10		10 ug/L	146	H		10		10 ug/L	92.7	H		10		10 ug/L					
Lead, Dissolved, ICP-MS	0.43	H		0.075		0.1 ug/L	0.8	H		0.075		0.1 ug/L	0.841	H		0.075		0.1 ug/L					
Magnesium, Dissolved, ICP-MS	3280	H		10		50 ug/L	681	H		10		50 ug/L	2060	H		10		50 ug/L					
Manganese, Dissolved, ICP-MS	50.2	H		0.1		0.5 ug/L	17.2	H		0.1		0.5 ug/L	38.4	H		0.1		0.5 ug/L					
Nickel, Dissolved, ICP-MS	1.81	H		0.1		0.5 ug/L	5.27	H		0.1		0.5 ug/L	1.91	H		0.1		0.5 ug/L					
Silver, Dissolved, ICP-MS	<MDL,H		U	0.05		0.25 ug/L	<MDL,H		U	0.05		0.25 ug/L	0.051	<RDL,H	J	0.05		0.25 ug/L					

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 11/06/08 4:05:00 PM
 TimeSpan: 2
 Lab ID: L46918-3
 Matrix: STORM WTR
 % Solids:

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 11/06/08 8:28:00 PM
 TimeSpan: 2
 Lab ID: L46918-5
 Matrix: STORM WTR
 % Solids:

Locator: Lander II Reg
 Descrip: Lander II Reg
 Sampled: 11/06/08 3:42:00 PM
 TimeSpan: 2
 Lab ID: L46918-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid			Units	Value	Lab Qual	Valid			Units	Value	Lab Qual	Valid			Units
			Qual	MDL	RDL				Qual	MDL	RDL				Qual	MDL	RDL	
-Wet Weight Basis																		
Zinc, Dissolved, ICP-MS	26.3	H		0.5	2.5	ug/L	21.7	H		0.5	2.5	ug/L	34.6	H		0.5	2.5	ug/L
M=MT ICPMS EPA 200.8 (623V1)																		
Arsenic, Total, ICP-MS	2.99			0.1	0.5	ug/L	1.9			0.1	0.5	ug/L	2.18			0.1	0.5	ug/L
Cadmium, Total, ICP-MS	0.345			0.05	0.25	ug/L	0.388			0.05	0.25	ug/L	0.25	<RDL	J	0.05	0.25	ug/L
Calcium, Total, ICP-MS	13400			10	50	ug/L	6170			10	50	ug/L	11100			10	50	ug/L
Chromium, Total, ICP-MS	8.25			0.2	1	ug/L	8.41			0.2	1	ug/L	4.46			0.2	1	ug/L
Copper, Total, ICP-MS	41.1			0.4	2	ug/L	53.3			0.4	2	ug/L	31.1			0.4	2	ug/L
Iron, Total, ICP-MS	3680			10	10	ug/L	3290			10	10	ug/L	2180			10	10	ug/L
Lead, Total, ICP-MS	24.5			0.075	0.1	ug/L	22			0.075	0.1	ug/L	17.1			0.075	0.1	ug/L
Magnesium, Total, ICP-MS	4180			10	50	ug/L	1500			10	50	ug/L	2730			10	50	ug/L
Manganese, Total, ICP-MS	106			0.1	0.5	ug/L	54.7			0.1	0.5	ug/L	72.7			0.1	0.5	ug/L
Nickel, Total, ICP-MS	8.5			0.1	0.5	ug/L	16.7			0.1	0.5	ug/L	5.93			0.1	0.5	ug/L
Silver, Total, ICP-MS	0.467			0.05	0.25	ug/L	0.62			0.05	0.25	ug/L	0.3			0.05	0.25	ug/L
Zinc, Total, ICP-MS	153			0.5	2.5	ug/L	165			0.5	2.5	ug/L	109			0.5	2.5	ug/L
M=OR SW-846 8270C (7-3-01-004)																		
1,4-Dichlorobenzene	128			0.0047	0.00943	ug/L	0.153			0.0047	0.00943	ug/L	0.212			0.0047	0.00943	ug/L
2-Methylnaphthalene	0.146			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	0.0836			0.0094	0.0189	ug/L
4-Methylphenol	12			0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	0.865			0.047	0.0943	ug/L
Acenaphthene	0.0708			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Acenaphthylene	0.0839			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Anthracene	0.079			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	0.0233			0.0094	0.0189	ug/L
Benzo(a)anthracene	0.09			0.0094	0.0189	ug/L	0.0557			0.0094	0.0189	ug/L	0.0481			0.0094	0.0189	ug/L
Benzo(a)pyrene	0.0739			0.0094	0.0189	ug/L	0.061			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.0983			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.052			0.0094	0.0189	ug/L	0.041			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.0706			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Benzyl Alcohol	5.41			0.047	0.0943	ug/L	1.74			0.047	0.0943	ug/L	9.27			0.047	0.0943	ug/L
Benzyl Butyl Phthalate	0.462			0.047	0.0943	ug/L	0.334			0.047	0.0943	ug/L	0.382			0.047	0.0943	ug/L
Bis(2-ethylhexyl)adipate	<MDL	U		0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L	<MDL	U		0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	2.29	B	U	0.024	0.0472	ug/L	2.11	B	U	0.024	0.0472	ug/L	1.97	B	U	0.024	0.0472	ug/L
Bisphenol A	0.632			0.12	0.236	ug/L	7.8			0.12	0.236	ug/L	0.665			0.12	0.236	ug/L
Caffeine	24.1			0.0094	0.0189	ug/L	3.46			0.0094	0.0189	ug/L	31.6			0.0094	0.0189	ug/L
Chrysene	0.101			0.0094	0.0189	ug/L	0.0816			0.0094	0.0189	ug/L	0.0576			0.0094	0.0189	ug/L
Dibenzo(a,h)anthracene	0.0249			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Diethyl Phthalate	1.64			0.024	0.0472	ug/L	0.246			0.024	0.0472	ug/L	1.33			0.024	0.0472	ug/L

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: CS030
 Descrip: HANFORD ST CSO
 Sampled: 11/06/08 4:05:00 PM
 TimeSpan: 2
 Lab ID: L46918-3
 Matrix: STORM WTR
 % Solids:

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 11/06/08 8:28:00 PM
 TimeSpan: 2
 Lab ID: L46918-5
 Matrix: STORM WTR
 % Solids:

Locator: Lander II Reg
 Descrip: Lander II Reg
 Sampled: 11/06/08 3:42:00 PM
 TimeSpan: 2
 Lab ID: L46918-6
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid		MDL	RDL	Units	Value	Lab Qual	Valid		MDL	RDL	Units	Value	Lab Qual	Valid		MDL	RDL	Units
			Qual	Qual						Qual	Qual										
-Wet Weight Basis																					
Dimethyl Phthalate	0.0936				0.024	0.0472	ug/L	0.28				0.024	0.0472	ug/L	0.104				0.024	0.0472	ug/L
Di-N-Butyl Phthalate	0.478				0.024	0.0472	ug/L	0.219				0.024	0.0472	ug/L	0.247				0.024	0.0472	ug/L
Di-N-Octyl Phthalate	<MDL	U			0.024	0.0472	ug/L	<MDL	U			0.024	0.0472	ug/L	<MDL	U			0.024	0.0472	ug/L
Fluoranthene	0.232				0.0094	0.0189	ug/L	0.118				0.0094	0.0189	ug/L	0.0987				0.0094	0.0189	ug/L
Fluorene	0.135				0.0094	0.0189	ug/L	<MDL	U			0.0094	0.0189	ug/L	0.0527				0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	0.0403				0.0094	0.0189	ug/L	0.0332				0.0094	0.0189	ug/L	<MDL	U			0.0094	0.0189	ug/L
Naphthalene	0.0978				0.0094	0.0189	ug/L	0.0281				0.0094	0.0189	ug/L	0.0525				0.0094	0.0189	ug/L
Pentachlorophenol	0.1	<RDL			0.094	0.189	ug/L	<MDL	U			0.094	0.189	ug/L	<MDL	U			0.094	0.189	ug/L
Phenanthrene	0.419				0.0094	0.0189	ug/L	0.0914				0.0094	0.0189	ug/L	0.164				0.0094	0.0189	ug/L
Phenol	3.23				0.047	0.0943	ug/L	<MDL	U			0.047	0.0943	ug/L	0.352				0.047	0.0943	ug/L
Pyrene	0.254				0.0094	0.0189	ug/L	0.136				0.0094	0.0189	ug/L	0.112				0.0094	0.0189	ug/L
Total 4-Nonylphenol	4.67				0.047	0.0943	ug/L	4.45				0.047	0.0943	ug/L	0.903				0.047	0.0943	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1 Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 11/06/08 4:59:00 PM
 TimeSpan: 0.67
 Lab ID: L46918-8
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						
COMBINED LABS						
M=CV SM2320-B (319V4)						
Total Alkalinity		--	--	--	--	--
M=CV SM2540-D (309V3)						
Total Suspended Solids	95.6			2.8	5.6	mg/L
M=CV SM2540-E (309V3)						
Volatile Suspended Solids	45.6			2.8	5.6	mg/L
M=CV SM4110B (320V4)						
Chloride		--	--	--	--	--
M=CV SM4500-N-C (331V3)C						
Total Nitrogen		--	--	--	--	--
M=CV SM4500-NH3-G (330V4)						
Ammonia Nitrogen		--	--	--	--	--
M=CV SM4500-NO3-F (330V4)						
Nitrite + Nitrate Nitrogen		--	--	--	--	--
M=CV SM4500-P-B,F(331V3)C						
Total Phosphorus		--	--	--	--	--
M=CV SM5220-D (339V2)						
Chemical Oxygen Demand		--	--	--	--	--
M=CV SM5310-B (336V4)						
Dissolved Organic Carbon	8.73			0.5	1	mg/L
Total Organic Carbon	30.2			0.5	1	mg/L
M=MT CVAA EPA 245.1 (604V4)						
Mercury, Dissolved, CVAA		--	--	--	--	--
Mercury, Total, CVAA		--	--	--	--	--
M=MT EPA 200.8*SW846 6020A						
Arsenic, Dissolved, ICP-MS		--	--	--	--	--
Cadmium, Dissolved, ICP-MS		--	--	--	--	--
Calcium, Dissolved, ICP-MS		--	--	--	--	--
Chromium, Dissolved, ICP-MS		--	--	--	--	--
Copper, Dissolved, ICP-MS		--	--	--	--	--
Iron, Dissolved, ICP-MS		--	--	--	--	--
Lead, Dissolved, ICP-MS		--	--	--	--	--
Magnesium, Dissolved, ICP-MS		--	--	--	--	--
Manganese, Dissolved, ICP-MS		--	--	--	--	--
Nickel, Dissolved, ICP-MS		--	--	--	--	--
Silver, Dissolved, ICP-MS		--	--	--	--	--

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1 Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 11/06/08 4:59:00 PM
 TimeSpan: 0.67
 Lab ID: L46918-8
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						
Zinc, Dissolved, ICP-MS		--	--	--	--	--
M=MT ICPMS EPA 200.8 (623V1)						
Arsenic, Total, ICP-MS		--	--	--	--	--
Cadmium, Total, ICP-MS		--	--	--	--	--
Calcium, Total, ICP-MS		--	--	--	--	--
Chromium, Total, ICP-MS		--	--	--	--	--
Copper, Total, ICP-MS		--	--	--	--	--
Iron, Total, ICP-MS		--	--	--	--	--
Lead, Total, ICP-MS		--	--	--	--	--
Magnesium, Total, ICP-MS		--	--	--	--	--
Manganese, Total, ICP-MS		--	--	--	--	--
Nickel, Total, ICP-MS		--	--	--	--	--
Silver, Total, ICP-MS		--	--	--	--	--
Zinc, Total, ICP-MS		--	--	--	--	--
M=OR SW-846 8270C (7-3-01-004)						
1,4-Dichlorobenzene		--	--	--	--	--
2-Methylnaphthalene		--	--	--	--	--
4-Methylphenol		--	--	--	--	--
Acenaphthene		--	--	--	--	--
Acenaphthylene		--	--	--	--	--
Anthracene		--	--	--	--	--
Benzo(a)anthracene		--	--	--	--	--
Benzo(a)pyrene		--	--	--	--	--
Benzo(b)fluoranthene		--	--	--	--	--
Benzo(g,h,i)perylene		--	--	--	--	--
Benzo(k)fluoranthene		--	--	--	--	--
Benzyl Alcohol		--	--	--	--	--
Benzyl Butyl Phthalate		--	--	--	--	--
Bis(2-ethylhexyl)adipate		--	--	--	--	--
Bis(2-Ethylhexyl)Phthalate		--	--	--	--	--
Bisphenol A		--	--	--	--	--
Caffeine		--	--	--	--	--
Chrysene		--	--	--	--	--
Dibenzo(a,h)anthracene		--	--	--	--	--
Diethyl Phthalate		--	--	--	--	--

Table C-5. CSO and CSO-like Composite Sample Results for Samples Collected in November 2008.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1 Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 11/06/08 4:59:00 PM
 TimeSpan: 0.67
 Lab ID: L46918-8
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						
Dimethyl Phthalate		--	--	--	--	--
Di-N-Butyl Phthalate		--	--	--	--	--
Di-N-Octyl Phthalate		--	--	--	--	--
Fluoranthene		--	--	--	--	--
Fluorene		--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene		--	--	--	--	--
Naphthalene		--	--	--	--	--
Pentachlorophenol		--	--	--	--	--
Phenanthrene		--	--	--	--	--
Phenol		--	--	--	--	--
Pyrene		--	--	--	--	--
Total 4-Nonylphenol		--	--	--	--	--

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-6. CSO and CSO-like Composite Sample Results for Samples Collected in January 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 01/07/09 6:15:00 PM
 TimeSpan: 2
 Lab ID: L47190-2
 Matrix: STORM WTR
 % Solids:

Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 01/07/09 7:19:00 PM
 TimeSpan: 2
 Lab ID: L47190-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						-Wet Weight Basis						
COMBINED LABS												
M=CV EPA 160.4												
Volatile Suspended Solids	160			20	40	mg/L	51			5	10	mg/L
M=CV KEROUEL & AMINOT 1997												
Ammonia Nitrogen	0.558			0.025	0.05	mg/L	1.21			0.05	0.1	mg/L
M=CV SM2320-B												
Total Alkalinity	19.7			1	5	mg CaCO3/L	35.8			1	5	mg CaCO3/L
M=CV SM2540-D												
Total Suspended Solids	640			20	40	mg/L	148			5	10	mg/L
M=CV SM4110B CL												
Chloride	5.09			0.05	0.1	mg/L	17.2			0.5	1	mg/L
M=CV SM4500-N-C												
Total Nitrogen	4.94			0.5	1	mg/L	3.77			0.5	1	mg/L
M=CV SM4500-NO3-F												
Nitrite + Nitrate Nitrogen	0.0904			0.02	0.04	mg/L	0.238			0.02	0.04	mg/L
M=CV SM4500-P-B,F												
Total Phosphorus	1.85			0.05	0.1	mg/L	0.736			0.05	0.1	mg/L
M=CV SM5220-D												
Chemical Oxygen Demand	399			5	10	mg/L	169			5	10	mg/L
M=CV SM5310-B												
Dissolved Organic Carbon	27.7			0.5	1	mg/L	10.4			0.5	1	mg/L
Total Organic Carbon	81			5	10	mg/L	33.4			5	10	mg/L
M=MT EPA 200.8'SW846 6020A												
Arsenic, Dissolved, ICP-MS	1.01			0.1	0.5	ug/L	1.08			0.1	0.5	ug/L
Arsenic, Total, ICP-MS	6.97			0.1	0.5	ug/L	2.39			0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	0.1	<RDL	J	0.05	0.25	ug/L
Cadmium, Total, ICP-MS	2.01			0.05	0.25	ug/L	0.423			0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	4220			10	50	ug/L	9230			10	50	ug/L
Calcium, Total, ICP-MS	9410			10	50	ug/L	12000			10	50	ug/L
Chromium, Dissolved, ICP-MS	0.26	<RDL	J	0.2	1	ug/L	0.75	<RDL	J	0.2	1	ug/L
Chromium, Total, ICP-MS	53.8			0.2	1	ug/L	10.1			0.2	1	ug/L
Copper, Dissolved, ICP-MS	2	<RDL	J	0.4	2	ug/L	14.7			0.4	2	ug/L
Copper, Total, ICP-MS	279			0.4	2	ug/L	58.3			0.4	2	ug/L
Iron, Dissolved, ICP-MS	155			10	10	ug/L	48.9			10	10	ug/L
Iron, Total, ICP-MS	16700			10	10	ug/L	4770			10	10	ug/L
Lead, Dissolved, ICP-MS	0.47	<RDL	J	0.1	0.5	ug/L	0.45	<RDL	J	0.1	0.5	ug/L
Lead, Total, ICP-MS	157			0.1	0.5	ug/L	28.6			0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	840			10	50	ug/L	1730			10	50	ug/L

Table C-6. CSO and CSO-like Composite Sample Results for Samples Collected in January 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 01/07/09 6:15:00 PM
 TimeSpan: 2
 Lab ID: L47190-2
 Matrix: STORM WTR
 % Solids:

Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 01/07/09 7:19:00 PM
 TimeSpan: 2
 Lab ID: L47190-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis												
Magnesium, Total, ICP-MS	4480			10	50	ug/L	3130			10	50	ug/L
Manganese, Dissolved, ICP-MS	25.6			0.1	0.5	ug/L	29.1			0.1	0.5	ug/L
Manganese, Total, ICP-MS	244			0.1	0.5	ug/L	121			0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	5.09			0.1	0.5	ug/L	1.31			0.1	0.5	ug/L
Nickel, Total, ICP-MS	87.7			0.1	0.5	ug/L	8.08			0.1	0.5	ug/L
Silver, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	0.12	<RDL	J	0.05	0.25	ug/L
Silver, Total, ICP-MS	4.95			0.05	0.25	ug/L	0.482			0.05	0.25	ug/L
Zinc, Dissolved, ICP-MS	5.89			0.5	2.5	ug/L	58.4			0.5	2.5	ug/L
Zinc, Total, ICP-MS	753			2.5	12.5	ug/L	185			0.5	2.5	ug/L
M=MT EPA 245.1*SW846 7470A												
Mercury, Dissolved, CVAA	<MDL,H	U		0.005	0.015	ug/L	<MDL,H	U		0.005	0.015	ug/L
Mercury, Total, CVAA	0.43			0.025	0.075	ug/L	0.0386			0.005	0.015	ug/L
M=OR SW846 3520C*SW846 8081B												
4,4'-DDD	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
4,4'-DDE	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
4,4'-DDT	<MDL	UJ		0.024	0.0476	ug/L	--	--	--	--	--	--
Aldrin	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Alpha-BHC	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Alpha-Chlordane	<MDL	U		0.12	0.238	ug/L	--	--	--	--	--	--
Beta-BHC	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Chlordane	<MDL	U		0.12	0.238	ug/L	--	--	--	--	--	--
Delta-BHC	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Dieldrin	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Endosulfan I	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Endosulfan II	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Endosulfan Sulfate	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Endrin	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Endrin Aldehyde	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Gamma-BHC (Lindane)	<MDL	UJ		0.024	0.0476	ug/L	--	--	--	--	--	--
Gamma-Chlordane	<MDL	U		0.12	0.238	ug/L	--	--	--	--	--	--
Heptachlor	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Heptachlor Epoxide	<MDL	U		0.024	0.0476	ug/L	--	--	--	--	--	--
Methoxychlor	<MDL	U		0.12	0.238	ug/L	--	--	--	--	--	--
Toxaphene	<MDL	U		0.24	0.476	ug/L	--	--	--	--	--	--
M=OR SW846 3520C*SW846 8270D												

Table C-6. CSO and CSO-like Composite Sample Results for Samples Collected in January 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 01/07/09 6:15:00 PM
 TimeSpan: 2
 Lab ID: L47190-2
 Matrix: STORM WTR
 % Solids:

Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 01/07/09 7:19:00 PM
 TimeSpan: 2
 Lab ID: L47190-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis												
1,2,4-Trichlorobenzene	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
1,2-Dichlorobenzene	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
1,2-Diphenylhydrazine	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
1,3-Dichlorobenzene	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
1,4-Dichlorobenzene	0.157			0.024	0.0472	ug/L	0.152			0.0047	0.00943	ug/L
2,4,5-Trichlorophenol	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
2,4,6-Trichlorophenol	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
2,4-Dichlorophenol	<MDL	U	U	0.047	0.0943	ug/L	--	--	--	--	--	--
2,4-Dimethylphenol	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
2,4-Dinitrophenol	<MDL	U	U	0.24	0.943	ug/L	--	--	--	--	--	--
2,4-Dinitrotoluene	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
2,6-Dinitrotoluene	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
2-Chloronaphthalene	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
2-Chlorophenol	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
2-Methylnaphthalene	0.103			0.024	0.0472	ug/L	2.4			0.0094	0.0189	ug/L
2-Methylphenol	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--
2-Nitroaniline	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
2-Nitrophenol	<MDL	U	U	0.094	0.189	ug/L	--	--	--	--	--	--
3,3'-Dichlorobenzidine	<MDL	U	U	0.094	0.189	ug/L	--	--	--	--	--	--
3-Methylphenol	<MDL	U	U	0.047	0.0943	ug/L	--	--	--	--	--	--
3-Nitroaniline	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
4,6-Dinitro-O-Cresol	<MDL	U	U	0.24	0.943	ug/L	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	<MDL	U	U	0.047	0.0943	ug/L	--	--	--	--	--	--
4-Chloro-3-Methylphenol	<MDL	U	U	0.094	0.189	ug/L	--	--	--	--	--	--
4-Chloroaniline	<MDL	U	U	0.047	0.0943	ug/L	--	--	--	--	--	--
4-Chlorophenyl Phenyl Ether	<MDL	U	U	0.047	0.0943	ug/L	--	--	--	--	--	--
4-Methylphenol	5.49			0.047	0.0943	ug/L	0.69			0.047	0.0943	ug/L
4-Nitroaniline	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
4-Nitrophenol	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--
Acenaphthene	0.0564			0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Acenaphthylene	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Aniline	<MDL	R	R	0.024	0.0472	ug/L						
Anthracene	0.0974			0.0094	0.0189	ug/L	0.109			0.0094	0.0189	ug/L
Benzo(a)anthracene	0.37			0.0094	0.0189	ug/L	0.0978			0.0094	0.0189	ug/L

Table C-6. CSO and CSO-like Composite Sample Results for Samples Collected in January 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 01/07/09 6:15:00 PM
 TimeSpan: 2
 Lab ID: L47190-2
 Matrix: STORM WTR
 % Solids:

Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 01/07/09 7:19:00 PM
 TimeSpan: 2
 Lab ID: L47190-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis												
Benzo(a)pyrene	0.37			0.0094	0.0189	ug/L	0.0758			0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.506			0.0094	0.0189	ug/L	0.103			0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.257			0.0094	0.0189	ug/L	0.0699			0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.325			0.0094	0.0189	ug/L	0.0559			0.0094	0.0189	ug/L
Benzoic Acid	7.74			0.24	0.472	ug/L	--	--	--	--	--	--
Benzyl Alcohol	<MDL	U		0.094	0.189	ug/L	<MDL	U		0.047	0.0943	ug/L
Benzyl Butyl Phthalate	0.52			0.047	0.0943	ug/L	0.408			0.047	0.0943	ug/L
Bis(2-Chloroethoxy)Methane	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-Chloroethyl)Ether	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-Chloroisopropyl)Ether	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-ethylhexyl)adipate				<MDL	U		<MDL	U		0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	6.88			0.024	0.472	ug/L	2.93	B	R	0.024	0.0472	ug/L
Bisphenol A	--	--	--	--	--	--	<MDL	U		0.12	0.236	ug/L
Caffeine	1.71			0.024	0.0472	ug/L	5.22			0.0094	0.0189	ug/L
Carbazole	<MDL	U		0.024	0.0472	ug/L	0.0983			0.0094	0.0189	ug/L
Chrysene	0.497			0.0094	0.0189	ug/L	0.142			0.0094	0.0189	ug/L
Coprostanol	6.62			0.47	0.943	ug/L	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.0925			0.0094	0.0189	ug/L	0.019	<RDL		0.0094	0.0189	ug/L
Dibenzofuran	0.0533			0.024	0.0472	ug/L	0.149			0.0094	0.0189	ug/L
Diethyl Phthalate	0.43	<RDL		0.024	0.472	ug/L	0.459			0.024	0.0472	ug/L
Dimethyl Phthalate	0.383			0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L
Di-N-Butyl Phthalate	0.405	B	U	0.024	0.0472	ug/L	0.282	B	U	0.024	0.0472	ug/L
Di-N-Octyl Phthalate	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0472	ug/L
Fluoranthene	0.687			0.0094	0.0189	ug/L	<MDL	U		0.0094	0.0189	ug/L
Fluorene	0.168			0.0094	0.0189	ug/L	0.273			0.0094	0.0189	ug/L
Hexachlorobenzene	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Hexachlorobutadiene	<MDL	U		0.047	0.0943	ug/L	--	--	--	--	--	--
Hexachlorocyclopentadiene	<MDL	U		0.24	0.472	ug/L	--	--	--	--	--	--
Hexachloroethane	<MDL	U		0.047	0.0943	ug/L	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene	0.212			0.0094	0.0189	ug/L	0.04			0.0094	0.0189	ug/L
Isophorone	<MDL	U		0.047	0.0943	ug/L	--	--	--	--	--	--
Naphthalene	0.109			0.0094	0.0189	ug/L	1.29			0.0094	0.0189	ug/L
Nitrobenzene	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
N-Nitrosodimethylamine	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	<MDL	U		0.047	0.0943	ug/L	--	--	--	--	--	--
N-Nitrosodiphenylamine	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--

Table C-6. CSO and CSO-like Composite Sample Results for Samples Collected in January 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 63053
 Descrip: BRANDON ST OUTFALL
 Sampled: 01/07/09 6:15:00 PM
 TimeSpan: 2
 Lab ID: L47190-2
 Matrix: STORM WTR
 % Solids:

Locator: Kingdome Reg
 Descrip: Kingdome Reg
 Sampled: 01/07/09 7:19:00 PM
 TimeSpan: 2
 Lab ID: L47190-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units					
							Value	Lab Qual	Valid Qual	MDL	RDL
							-Wet Weight Basis				
Pentachlorophenol	<MDL		U	0.24	0.472	ug/L	0.294		0.094	0.189	ug/L
Phenanthrene	0.623			0.0094	0.0236	ug/L	0.594		0.0094	0.0189	ug/L
Phenol	0.984			0.024	0.0472	ug/L	0.123		0.047	0.0943	ug/L
Pyrene	0.793			0.0094	0.0189	ug/L	0.222		0.0094	0.0189	ug/L
Pyridine	<MDL		R	0.047	0.0943	ug/L	--	--	--	--	--
Total 4-Nonylphenol	--	--	--	--	--	--	<MDL	U	0.047	0.0943	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected
 R = Rejected Value

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON For
 Sampled: 04/02/09 6:58:00 PM
 TimeSpan: 2
 Lab ID: L47597-2
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
						-Wet Weight Basis							-Wet Weight Basis						
COMBINED LABS																			
M=CV EPA 160.4																			
Volatile Suspended Solids	140			17	33	mg/L	62.9			7.1	14	mg/L	53.8			6.3	13	mg/L	
M=CV KEROUEL & AMINOT 1997																			
Ammonia Nitrogen	3.43			0.1	0.2	mg/L	13.2			0.25	0.5	mg/L	14.2			0.25	0.5	mg/L	
M=CV SM2320-B																			
Total Alkalinity	46.2			1	5	mg CaCO3/L	174			1	5	mg CaCO3/L	169			1	5	mg CaCO3/L	
M=CV SM2540-D																			
Total Suspended Solids	320			17	33	mg/L	109			7.1	14	mg/L	80			6.3	13	mg/L	
M=CV SM4110B CL																			
Chloride	18.2			0.5	1	mg/L	148			5	10	mg/L	165			1	2	mg/L	
M=CV SM4500-N-C																			
Total Nitrogen	12.7			0.5	1	mg/L	22.4			0.5	1	mg/L	23.4			0.5	1	mg/L	
M=CV SM4500-NO3-F																			
Nitrite + Nitrate Nitrogen	0.386			0.01	0.04	mg/L	0.016	<RDL	J	0.01	0.04	mg/L	0.014	<RDL		0.01	0.04	mg/L	
M=CV SM4500-P-B,F																			
Total Phosphorus	4.02			0.15	0.3	mg/L	3.98			0.1	0.2	mg/L	4.75			0.15	0.3	mg/L	
M=CV SM5220-D																			
Chemical Oxygen Demand	300			5	10	mg/L	417			5	10	mg/L	452			5	10	mg/L	
M=CV SM5310-B																			
Dissolved Organic Carbon	11.2			0.5	1	mg/L	68.6			25	50	mg/L	71.7			25	50	mg/L	
Total Organic Carbon	62.9			10	20	mg/L	113			25	50	mg/L	103			25	50	mg/L	
M=MT EPA 200.8*SW846 6020A																			
Arsenic, Dissolved, ICP-MS	3.02			0.1	0.5	ug/L	0.951			0.1	0.5	ug/L	0.826			0.1	0.5	ug/L	
Arsenic, Total, ICP-MS	8.06			0.1	0.5	ug/L	2.15			0.1	0.5	ug/L	1.88			0.1	0.5	ug/L	
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Cadmium, Total, ICP-MS	0.831			0.05	0.25	ug/L	0.313			0.05	0.25	ug/L	0.24	<RDL	J	0.05	0.25	ug/L	
Calcium, Dissolved, ICP-MS	11000			10	50	ug/L	24200			10	50	ug/L	26000			10	50	ug/L	
Calcium, Total, ICP-MS	18800			10	50	ug/L	30100			10	50	ug/L	31300			10	50	ug/L	
Chromium, Dissolved, ICP-MS	0.5	<RDL	J	0.2	1	ug/L	0.9	<RDL	J	0.2	1	ug/L	0.8	<RDL	J	0.2	1	ug/L	
Chromium, Total, ICP-MS	23			0.2	1	ug/L	7.15			0.2	1	ug/L	4.98			0.2	1	ug/L	
Copper, Dissolved, ICP-MS	2.94			0.4	2	ug/L	3.78			0.4	2	ug/L	3.15			0.4	2	ug/L	
Copper, Total, ICP-MS	78.1			0.4	2	ug/L	32.6			0.4	2	ug/L	26.1			0.4	2	ug/L	
Iron, Dissolved, ICP-MS	234			10	50	ug/L	1140			10	50	ug/L	1350			10	50	ug/L	
Iron, Total, ICP-MS	8560			10	50	ug/L	4450			10	50	ug/L	3940			10	50	ug/L	
Lead, Dissolved, ICP-MS	0.694			0.1	0.5	ug/L	1.93			0.1	0.5	ug/L	1.51			0.1	0.5	ug/L	
Lead, Total, ICP-MS	96.4			0.1	0.5	ug/L	20.8			0.1	0.5	ug/L	14.1			0.1	0.5	ug/L	
Magnesium, Dissolved, ICP-MS	2340			10	50	ug/L	9630			10	50	ug/L	11400			10	50	ug/L	
Magnesium, Total, ICP-MS	5270			10	50	ug/L	11900			10	50	ug/L	13500			10	50	ug/L	
Manganese, Dissolved, ICP-MS	75.4			0.1	0.5	ug/L	155			0.1	0.5	ug/L	179			0.1	0.5	ug/L	
Manganese, Total, ICP-MS	219			0.1	0.5	ug/L	219			0.1	0.5	ug/L	225			0.1	0.5	ug/L	

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON For
 Sampled: 04/02/09 6:58:00 PM
 TimeSpan: 2
 Lab ID: L47597-2
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
-Wet Weight Basis																			
Nickel, Dissolved, ICP-MS	1.2			0.1	0.5	ug/L	2.76			0.1	0.5	ug/L	2.71			0.1	0.5	ug/L	
Nickel, Total, ICP-MS	17.8			0.1	0.5	ug/L	8.75			0.1	0.5	ug/L	7.52			0.1	0.5	ug/L	
Selenium, Total, ICP-MS	0.76	<RDL	J	0.5	2.5	ug/L	<MDL	U	0.5	2.5	ug/L	<MDL	U	0.5	2.5	ug/L			
Silver, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U	0.05	0.25	ug/L	<MDL	U	0.05	0.25	ug/L			
Silver, Total, ICP-MS	0.558			0.05	0.25	ug/L	0.092	<RDL	J	0.05	0.25	ug/L	0.073	<RDL	J	0.05	0.25	ug/L	
Zinc, Dissolved, ICP-MS	13.3			0.5	2.5	ug/L	7.87			0.5	2.5	ug/L	5.77			0.5	2.5	ug/L	
Zinc, Total, ICP-MS	326			0.5	2.5	ug/L	133			0.5	2.5	ug/L	103			0.5	2.5	ug/L	
M=MT EPA 245.1*SW846 7470A																			
Mercury, Dissolved, CVAA	<MDL	U		0.005	0.015	ug/L	0.0066	<RDL	J	0.005	0.015	ug/L	0.0073	<RDL	J	0.005	0.015	ug/L	
Mercury, Total, CVAA	0.164			0.01	0.03	ug/L	0.13			0.01	0.03	ug/L	0.0916			0.005	0.015	ug/L	
M=OR SW846 3520C*SW846 8081B																			
4,4'-DDD	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
4,4'-DDE	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
4,4'-DDT	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Aldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Alpha-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Alpha-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L			
Beta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L			
Delta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Dieldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Endosulfan I	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Endosulfan II	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Endosulfan Sulfate	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Endrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Endrin Aldehyde	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Gamma-BHC (Lindane)	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Gamma-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L			
Heptachlor	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Heptachlor Epoxide	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L			
Methoxychlor	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L			
Toxaphene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L			
M=OR SW846 3520C*SW846 8270D																			
1,2,4-Trichlorobenzene	--	--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L			
1,2-Dichlorobenzene	--	--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L			
1,2-Diphenylhydrazine	--	--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L			
1,3-Dichlorobenzene	--	--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L			
1,4-Dichlorobenzene	1.03			0.0047	0.0094	ug/L	292			1.2	2.36	ug/L	253			1.2	2.36	ug/L	
2,4,5-Trichlorophenol	--	--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L			

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON For
 Sampled: 04/02/09 6:58:00 PM
 TimeSpan: 2
 Lab ID: L47597-2
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units											
							Value	Lab Qual	Valid Qual	MDL	RDL	Units					
							-Wet Weight Basis										
2,4,6-Trichlorophenol		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
2,4-Dichlorophenol		--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	
2,4-Dimethylphenol		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
2,4-Dinitrophenol		--	--	--	--	--	<MDL	U	12	47.2	ug/L	<MDL	U	12	47.2	ug/L	
2,4-Dinitrotoluene		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
2,6-Dinitrotoluene		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
2-Chloronaphthalene		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
2-Chlorophenol		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
2-Methylnaphthalene	0.234			0.0094	0.0189	ug/L	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
2-Methylphenol		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
2-Nitroaniline		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
2-Nitrophenol		--	--	--	--	--	<MDL	U	4.7	9.43	ug/L	<MDL	U	4.7	9.43	ug/L	
3,3'-Dichlorobenzidine		--	--	--	--	--	<MDL	U	4.7	9.43	ug/L	<MDL	U	4.7	9.43	ug/L	
3-Methylphenol		--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	
3-Nitroaniline		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
4,6-Dinitro-O-Cresol		--	--	--	--	--	<MDL	U	12	47.2	ug/L	<MDL	U	12	47.2	ug/L	
4-Bromophenyl Phenyl Ether		--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	
4-Chloro-3-Methylphenol		--	--	--	--	--	<MDL	U	4.7	9.43	ug/L	<MDL	U	4.7	9.43	ug/L	
4-Chloroaniline		--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	
4-Chlorophenyl Phenyl Ether		--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	
4-Methylphenol	6.93		J	0.047	0.0943	ug/L	146		2.4	4.72	ug/L	200		2.4	4.72	ug/L	
4-Nitroaniline		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
4-Nitrophenol		--	--	--	--	--	<MDL	U	12	23.6	ug/L	<MDL	U	12	23.6	ug/L	
Acenaphthene	0.0449			0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Acenaphthylene	<MDL		U	0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Aniline		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
Anthracene	0.0528			0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Benzo(a)anthracene	0.11			0.0094	0.0189	ug/L	0.49	<RDL	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Benzo(a)pyrene	0.135			0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Benzo(b)fluoranthene	0.188			0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Benzo(g,h,i)perylene	0.105			0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Benzo(k)fluoranthene	0.129			0.0094	0.0189	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	
Benzoic Acid		--	--	--	--	--	206		12	23.6	ug/L	218		12	23.6	ug/L	
Benzyl Alcohol	1.2			0.047	0.0943	ug/L	<MDL	U	4.7	9.43	ug/L	<MDL	U	4.7	9.43	ug/L	
Benzyl Butyl Phthalate	0.721			0.047	0.0943	ug/L	4.7	<RDL	2.4	4.72	ug/L	4.89		2.4	4.72	ug/L	
Bis(2-Chloroethoxy)Methane		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
Bis(2-Chloroethyl)Ether		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
Bis(2-Chloroisopropyl)Ether		--	--	--	--	--	<MDL	U	1.2	2.36	ug/L	<MDL	U	1.2	2.36	ug/L	
Bis(2-ethylhexyl)adipate	<MDL		U	0.047	0.0943	ug/L	--	--	--	--	--	--	--	--	--	--	
Bis(2-Ethylhexyl)Phthalate	3.9		J	0.024	0.0472	ug/L	7.8	<RDL,B	U	1.2	23.6	ug/L	45		1.2	23.6	ug/L

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON For
 Sampled: 04/02/09 6:58:00 PM
 TimeSpan: 2
 Lab ID: L47597-2
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-3
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/02/09 7:28:00 PM
 TimeSpan: 0.5
 Lab ID: L47597-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units												
							Value	Lab Qual	Valid Qual	MDL	RDL	Units						
							-Wet Weight Basis											
Bisphenol A	<MDL	U		0.12	0.236	ug/L	--	--	--	--	--							
Caffeine	15.5		J	0.0094	0.0189	ug/L	15.9			1.2	2.36	ug/L	19.8			1.2	2.36	ug/L
Carbazole	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Chrysene	0.181			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Coprostanol	--	--	--	--	--	--	<MDL	U		24	47.2	ug/L	<MDL	U		24	47.2	ug/L
Dibenzo(a,h)anthracene	0.0302			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Dibenzofuran	<MDL	U		0.0094	0.0189	ug/L	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Diethyl Phthalate	1.73			0.024	0.0472	ug/L	1.8	<RDL		1.2	23.6	ug/L	2.1	<RDL		1.2	23.6	ug/L
Dimethyl Phthalate	<MDL	U		0.024	0.0472	ug/L	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Di-N-Butyl Phthalate	0.243	B	U	0.024	0.0472	ug/L	<MDL	B2	U	1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Di-N-Octyl Phthalate	<MDL	U		0.024	0.0472	ug/L	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Fluoranthene	0.265			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Fluorene	0.0619			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Hexachlorobenzene	--	--	--	--	--	--	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Hexachlorobutadiene	--	--	--	--	--	--	<MDL	U		2.4	4.72	ug/L	<MDL	U		2.4	4.72	ug/L
Hexachlorocyclopentadiene	--	--	--	--	--	--	<MDL	U		12	23.6	ug/L	<MDL	U		12	23.6	ug/L
Hexachloroethane	--	--	--	--	--	--	<MDL	U		2.4	4.72	ug/L	<MDL	U		2.4	4.72	ug/L
Indeno(1,2,3-Cd)Pyrene	0.093			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Isophorone	--	--	--	--	--	--	<MDL	U		2.4	4.72	ug/L	<MDL	U		2.4	4.72	ug/L
Naphthalene	0.34			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Nitrobenzene	--	--	--	--	--	--	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
N-Nitrosodimethylamine	--	--	--	--	--	--	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
N-Nitrosodi-N-Propylamine	--	--	--	--	--	--	<MDL	U		2.4	4.72	ug/L	<MDL	U		2.4	4.72	ug/L
N-Nitrosodiphenylamine	--	--	--	--	--	--	<MDL	U		1.2	2.36	ug/L	<MDL	U		1.2	2.36	ug/L
Pentachlorophenol	<MDL	UJ		0.094	0.189	ug/L	<MDL	U		12	23.6	ug/L	<MDL	U		12	23.6	ug/L
Phenanthrene	0.25			0.0094	0.0189	ug/L	<MDL	U		0.47	1.18	ug/L	<MDL	U		0.47	1.18	ug/L
Phenol	1.18			0.047	0.0943	ug/L	23	J		1.2	2.36	ug/L	26.3	J		1.2	2.36	ug/L
Pyrene	0.33			0.0094	0.0189	ug/L	<MDL	U		0.47	0.943	ug/L	<MDL	U		0.47	0.943	ug/L
Pyridine	--	--	--	--	--	--	<MDL	R		2.4	4.72	ug/L	<MDL	R		2.4	4.72	ug/L
Total 4-Nonylphenol	4.91			0.047	0.0943	ug/L	--	--		--	--	--	--	--		--	--	--

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 R = Rejected value
 J = Estimated Value
 U = not detected

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 063053
 Descrip: BRANDON ST OUTFALL
 Sampled: 04/02/09 5:53:00 PM
 TimeSpan: 1.5
 Lab ID: L47597-5
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-1
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
-Wet Weight Basis						-Wet Weight Basis						-Wet Weight Basis							
COMBINED LABS																			
M=CV EPA 160.4																			
Volatile Suspended Solids	76			10	20	mg/L	21.3			3.3	6.7	mg/L	22.7			3.3	6.7	mg/L	
M=CV KEROUEL & AMINOT 1997																			
Ammonia Nitrogen	1.83	B3		0.1	0.2	mg/L	7.08	B3		0.25	0.5	mg/L	6.61	B3		0.25	0.5	mg/L	
M=CV SM2320-B																			
Total Alkalinity	27.3			1	5	mg CaCO3/L	67.9			1	5	mg CaCO3/L	68.7			1	5	mg CaCO3/L	
M=CV SM2540-D																			
Total Suspended Solids	248			10	20	mg/L	34			3.3	6.7	mg/L	38.7			3.3	6.7	mg/L	
M=CV SM4110B CL																			
Chloride	4.39			0.05	0.1	mg/L	11			0.25	0.5	mg/L	12.9			0.25	0.5	mg/L	
M=CV SM4500-N-C																			
Total Nitrogen	4.93			0.5	1	mg/L	11			0.5	1	mg/L	9.61			0.5	1	mg/L	
M=CV SM4500-NO3-F																			
Nitrite + Nitrate Nitrogen	0.17			0.01	0.04	mg/L	0.127			0.01	0.04	mg/L	0.0558			0.01	0.04	mg/L	
M=CV SM4500-P-B,F																			
Total Phosphorus	1.31			0.05	0.1	mg/L	1.42			0.05	0.1	mg/L	1.36			0.05	0.1	mg/L	
M=CV SM5220-D																			
Chemical Oxygen Demand	260			5	10	mg/L	154			5	10	mg/L	114			5	10	mg/L	
M=CV SM5310-B																			
Dissolved Organic Carbon	25.1			10	20	mg/L	20.7			5	10	mg/L	15.8			5	10	mg/L	
Total Organic Carbon	53.1			25	50	mg/L	26.1			10	20	mg/L	20.6			10	20	mg/L	
M=MT EPA 200.8*SW846 6020A																			
Arsenic, Dissolved, ICP-MS	0.656			0.1	0.5	ug/L	1.47			0.1	0.5	ug/L	1.44			0.1	0.5	ug/L	
Arsenic, Total, ICP-MS	3.48			0.1	0.5	ug/L	1.9			0.1	0.5	ug/L	1.89			0.1	0.5	ug/L	
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Cadmium, Total, ICP-MS	0.834			0.05	0.25	ug/L	0.1	<RDL	J	0.05	0.25	ug/L	0.11	<RDL	J	0.05	0.25	ug/L	
Calcium, Dissolved, ICP-MS	6130			10	50	ug/L	10500			10	50	ug/L	10800			10	50	ug/L	
Calcium, Total, ICP-MS	10300			10	50	ug/L	12000			10	50	ug/L	12300			10	50	ug/L	
Chromium, Dissolved, ICP-MS	0.79	<RDL	J	0.2	1	ug/L	0.68	<RDL	J	0.2	1	ug/L	0.48	<RDL	J	0.2	1	ug/L	
Chromium, Total, ICP-MS	17.6			0.2	1	ug/L	2.38			0.2	1	ug/L	2.16			0.2	1	ug/L	
Copper, Dissolved, ICP-MS	6.87			0.4	2	ug/L	4.81			0.4	2	ug/L	4.13			0.4	2	ug/L	
Copper, Total, ICP-MS	79.2			0.4	2	ug/L	14.6			0.4	2	ug/L	15.2			0.4	2	ug/L	
Iron, Dissolved, ICP-MS	121			10	50	ug/L	142			10	50	ug/L	150			10	50	ug/L	
Iron, Total, ICP-MS	7190			10	50	ug/L	1070			10	50	ug/L	1200			10	50	ug/L	
Lead, Dissolved, ICP-MS	0.46	<RDL	J	0.1	0.5	ug/L	0.36	<RDL	J	0.1	0.5	ug/L	0.39	<RDL	J	0.1	0.5	ug/L	
Lead, Total, ICP-MS	55.1			0.1	0.5	ug/L	4.34			0.1	0.5	ug/L	5.03			0.1	0.5	ug/L	
Magnesium, Dissolved, ICP-MS	515			10	50	ug/L	2830			10	50	ug/L	2990			10	50	ug/L	
Magnesium, Total, ICP-MS	2740			10	50	ug/L	3290			10	50	ug/L	3500			10	50	ug/L	
Manganese, Dissolved, ICP-MS	24.9			0.1	0.5	ug/L	47.9			0.1	0.5	ug/L	52.3			0.1	0.5	ug/L	
Manganese, Total, ICP-MS	148			0.1	0.5	ug/L	68.5			0.1	0.5	ug/L	75.3			0.1	0.5	ug/L	

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 063053
 Descrip: BRANDON ST OUTFALL
 Sampled: 04/02/09 5:53:00 PM
 TimeSpan: 1.5
 Lab ID: L47597-5
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-1
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
						-Wet Weight Basis							-Wet Weight Basis						
Nickel, Dissolved, ICP-MS	10.3			0.1	0.5	ug/L	1.82			0.1	0.5	ug/L	1.65			0.1	0.5	ug/L	
Nickel, Total, ICP-MS	35.2			0.1	0.5	ug/L	2.95			0.1	0.5	ug/L	2.91			0.1	0.5	ug/L	
Selenium, Total, ICP-MS	3.23			0.5	2.5	ug/L													
Silver, Dissolved, ICP-MS	0.94			0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Silver, Total, ICP-MS	3			0.05	0.25	ug/L	0.054	<RDL	J	0.05	0.25	ug/L	0.055	<RDL	J	0.05	0.25	ug/L	
Zinc, Dissolved, ICP-MS	20			0.5	2.5	ug/L	32.2			0.5	2.5	ug/L	32.7			0.5	2.5	ug/L	
Zinc, Total, ICP-MS	284			0.5	2.5	ug/L	66.2			0.5	2.5	ug/L	72.6			0.5	2.5	ug/L	
M=MT EPA 245.1*SW846 7470A																			
Mercury, Dissolved, CVAA	<MDL	U		0.005	0.015	ug/L	<MDL,H	U		0.005	0.015	ug/L	<MDL,H	U		0.005	0.015	ug/L	
Mercury, Total, CVAA	0.0704			0.005	0.015	ug/L	0.0195			0.005	0.015	ug/L	0.015	<RDL	J	0.005	0.015	ug/L	
M=OR SW846 3520C*SW846 8081B																			
4,4'-DDD	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
4,4'-DDE	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
4,4'-DDT	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Aldrin	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Alpha-BHC	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Alpha-Chlordane	<MDL	U		0.12	0.236	ug/L	<MDL	U		0.12	0.24	ug/L	<MDL	U		0.12	0.236	ug/L	
Beta-BHC	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Chlordane	<MDL	U		0.12	0.236	ug/L	<MDL	U		0.12	0.24	ug/L	<MDL	U		0.12	0.236	ug/L	
Delta-BHC	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Dieldrin	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Endosulfan I	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Endosulfan II	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Endosulfan Sulfate	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Endrin	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Endrin Aldehyde	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Gamma-BHC (Lindane)	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Gamma-Chlordane	<MDL	U		0.12	0.236	ug/L	<MDL	U		0.12	0.24	ug/L	<MDL	U		0.12	0.236	ug/L	
Heptachlor	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Heptachlor Epoxide	<MDL	U		0.024	0.0472	ug/L	<MDL	U		0.024	0.0481	ug/L	<MDL	U		0.024	0.0472	ug/L	
Methoxychlor	<MDL	U		0.12	0.236	ug/L	<MDL	U		0.12	0.24	ug/L	<MDL	U		0.12	0.236	ug/L	
Toxaphene	<MDL	U		0.24	0.472	ug/L	<MDL	U		0.24	0.481	ug/L	<MDL	U		0.24	0.472	ug/L	
M=OR SW846 3520C*SW846 8270D																			
1,2,4-Trichlorobenzene	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
1,2-Dichlorobenzene	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
1,2-Diphenylhydrazine	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
1,3-Dichlorobenzene	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
1,4-Dichlorobenzene	0.307			0.024	0.0472	ug/L	111	TA	J	0.024	0.0472	ug/L	154	TA	J	0.024	0.0472	ug/L	
2,4,5-Trichlorophenol	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 063053
 Descrip: BRANDON ST OUTFALL
 Sampled: 04/02/09 5:53:00 PM
 TimeSpan: 1.5
 Lab ID: L47597-5
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-1
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						-Wet Weight Basis						-Wet Weight Basis						
2,4,6-Trichlorophenol	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
2,4-Dichlorophenol	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L
2,4-Dimethylphenol	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
2,4-Dinitrophenol	<MDL	U		0.24	0.943	ug/L	<MDL	UJ		0.24	0.943	ug/L	<MDL	UJ		0.24	0.943	ug/L
2,4-Dinitrotoluene	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
2,6-Dinitrotoluene	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
2-Chloronaphthalene	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
2-Chlorophenol	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
2-Methylnaphthalene	0.155			0.024	0.0472	ug/L	0.146	J		0.024	0.0472	ug/L	0.154	J		0.024	0.0472	ug/L
2-Methylphenol	<MDL	U		0.024	0.0472	ug/L	0.131	J		0.024	0.0472	ug/L	0.15	J		0.024	0.0472	ug/L
2-Nitroaniline	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
2-Nitrophenol	<MDL	U		0.094	0.189	ug/L	<MDL	UJ		0.094	0.189	ug/L	<MDL	UJ		0.094	0.189	ug/L
3,3'-Dichlorobenzidine	<MDL	U		0.094	0.189	ug/L	<MDL	UJ		0.094	0.189	ug/L	<MDL	UJ		0.094	0.189	ug/L
3-Methylphenol	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L
3-Nitroaniline	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
4,6-Dinitro-O-Cresol	<MDL	U		0.24	0.943	ug/L	<MDL	UJ		0.24	0.943	ug/L	<MDL	UJ		0.24	0.943	ug/L
4-Bromophenyl Phenyl Ether	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L
4-Chloro-3-Methylphenol	<MDL	U		0.094	0.189	ug/L	<MDL	UJ		0.094	0.189	ug/L	<MDL	UJ		0.094	0.189	ug/L
4-Chloroaniline	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L
4-Chlorophenyl Phenyl Ether	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L
4-Methylphenol	4.99			0.047	0.0943	ug/L	1.36	J		0.047	0.0943	ug/L	3.14	J		0.047	0.0943	ug/L
4-Nitroaniline	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
4-Nitrophenol	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L
Acenaphthene	<MDL	U		0.0094	0.0189	ug/L	0.0526	J		0.0094	0.0189	ug/L	0.0622	J		0.0094	0.0189	ug/L
Acenaphthylene	<MDL	U		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Aniline	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
Anthracene	0.0851			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Benzo(a)anthracene	0.244			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Benzo(a)pyrene	0.292			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.411			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.231			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.33			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Benzoic Acid	7.17			0.24	0.472	ug/L	2.89	R		0.24	0.472	ug/L	3.13	R		0.24	0.472	ug/L
Benzyl Alcohol	0.861			0.094	0.189	ug/L	3.39	J		0.094	0.189	ug/L	4.64	J		0.094	0.189	ug/L
Benzyl Butyl Phthalate	0.739			0.047	0.0943	ug/L	0.448	J		0.047	0.0943	ug/L	0.641	J		0.047	0.0943	ug/L
Bis(2-Chloroethoxy)Methane	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
Bis(2-Chloroethyl)Ether	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
Bis(2-Chloroisopropyl)Ether	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L
Bis(2-ethylhexyl)adipate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bis(2-Ethylhexyl)Phthalate	10.2	B2	U	0.024	0.472	ug/L	3.76	J		0.024	0.472	ug/L	2.98	J		0.024	0.472	ug/L

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: 063053
 Descrip: BRANDON ST OUTFALL
 Sampled: 04/02/09 5:53:00 PM
 TimeSpan: 1.5
 Lab ID: L47597-5
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-1
 Matrix: STORM WTR
 % Solids:

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sampled: 04/12/09 5:13:00 PM
 TimeSpan: 2
 Lab ID: L47834-2
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
																			-Wet Weight Basis
Bisphenol A	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Caffeine	7.6			0.024	0.0472	ug/L	21.6	J		0.024	0.0472	ug/L	21.1	J		0.024	0.0472	ug/L	
Carbazole	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
Chrysene	0.438			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	
Coprostanol	26.4			0.47	0.943	ug/L	15.8	J		0.47	0.943	ug/L	30	J		0.47	0.943	ug/L	
Dibenzo(a,h)anthracene	0.0805			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	
Dibenzofuran	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
Diethyl Phthalate	0.28	<RDL		0.024	0.472	ug/L	2.44	J		0.024	0.472	ug/L	2.34	J		0.024	0.472	ug/L	
Dimethyl Phthalate	0.166			0.024	0.0472	ug/L	0.0711	J		0.024	0.0472	ug/L	0.0906	J		0.024	0.0472	ug/L	
Di-N-Butyl Phthalate	0.456	B2	U	0.024	0.0472	ug/L	0.184	J		0.024	0.0472	ug/L	0.318	J		0.024	0.0472	ug/L	
Di-N-Octyl Phthalate	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
Fluoranthene	0.593			0.0094	0.0189	ug/L	0.036	J		0.0094	0.0189	ug/L	0.0557	J		0.0094	0.0189	ug/L	
Fluorene	0.0806			0.0094	0.0189	ug/L	0.0569	J		0.0094	0.0189	ug/L	0.0924	J		0.0094	0.0189	ug/L	
Hexachlorobenzene	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
Hexachlorobutadiene	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	
Hexachlorocyclopentadiene	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	
Hexachloroethane	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	
Indeno(1,2,3-Cd)Pyrene	0.199			0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L	
Isophorone	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	
Naphthalene	0.122			0.0094	0.0189	ug/L	0.0766	J		0.0094	0.0189	ug/L	0.0883	J		0.0094	0.0189	ug/L	
Nitrobenzene	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
N-Nitrosodimethylamine	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
N-Nitrosodi-N-Propylamine	<MDL	U		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.047	0.0943	ug/L	
N-Nitrosodiphenylamine	<MDL	U		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	<MDL	UJ		0.024	0.0472	ug/L	
Pentachlorophenol	<MDL	U		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	<MDL	UJ		0.24	0.472	ug/L	
Phenanthrene	0.465			0.0094	0.0236	ug/L	0.111	J		0.0094	0.0236	ug/L	0.14	J		0.0094	0.0236	ug/L	
Phenol	1.52			0.024	0.0472	ug/L	1.02	J		0.024	0.0472	ug/L	2.63	J		0.024	0.0472	ug/L	
Pyrene	0.769			0.0094	0.0189	ug/L	0.0487	J		0.0094	0.0189	ug/L	0.0743	J		0.0094	0.0189	ug/L	
Pyridine	<MDL	R		0.047	0.0943	ug/L	<MDL	R		0.047	0.0943	ug/L	<MDL	R		0.047	0.0943	ug/L	
Total 4-Nonylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 R = Rejected value
 J = Estimated Value
 U = not detected

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sampled: 04/12/09 4:42:00 PM
 TimeSpan: 2
 Lab ID: L47834-3
 Matrix: STORM WTR
 % Solids:

Locator: S070167
 Descrip: W MICHIGAN REG/CSO
 Sampled: 04/12/09 3:52:00 PM
 TimeSpan: 2
 Lab ID: L47834-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						-Wet Weight Basis						
COMBINED LABS												
M=CV EPA 160.4												
Volatile Suspended Solids	47.3			3.3	6.7	mg/L	132			5.6	11	mg/L
M=CV KEROUEL & AMINOT 1997												
Ammonia Nitrogen	3.74			0.1	0.2	mg/L	--	--	--	--	--	--
M=CV SM2320-B												
Total Alkalinity	50			1	5	mg CaCO3/L	--	--	--	--	--	--
M=CV SM2540-D												
Total Suspended Solids	72.7			3.3	6.7	mg/L	149			5.6	11	mg/L
M=CV SM4110B CL												
Chloride	12.6			0.25	0.5	mg/L	--	--	--	--	--	--
M=CV SM4500-N-C												
Total Nitrogen	7.31			0.5	1	mg/L	--	--	--	--	--	--
M=CV SM4500-NO3-F												
Nitrite + Nitrate Nitrogen	0.143			0.01	0.04	mg/L	--	--	--	--	--	--
M=CV SM4500-P-B,F												
Total Phosphorus	1.36			0.05	0.1	mg/L	--	--	--	--	--	--
M=CV SM5220-D												
Chemical Oxygen Demand	139			5	10	mg/L	--	--	--	--	--	--
M=CV SM5310-B												
Dissolved Organic Carbon	12			5	10	mg/L	14.1			5	10	mg/L
Total Organic Carbon	31.8			10	20	mg/L	34.7			10	20	mg/L
M=MT EPA 200.8*SW846 6020A												
Arsenic, Dissolved, ICP-MS	1.22			0.1	0.5	ug/L	--	--	--	--	--	--
Arsenic, Total, ICP-MS	1.83			0.1	0.5	ug/L	1.8			0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	--	--	--	--	--	--
Cadmium, Total, ICP-MS	0.17	<RDL	J	0.05	0.25	ug/L	0.25	<RDL	J	0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	8660			10	50	ug/L	--	--	--	--	--	--
Calcium, Total, ICP-MS	10100			10	50	ug/L	11600			10	50	ug/L
Chromium, Dissolved, ICP-MS	0.51	<RDL	J	0.2	1	ug/L	--	--	--	--	--	--
Chromium, Total, ICP-MS	3.26			0.2	1	ug/L	4.26			0.2	1	ug/L
Copper, Dissolved, ICP-MS	5.19			0.4	2	ug/L	--	--	--	--	--	--
Copper, Total, ICP-MS	22.9			0.4	2	ug/L	24.7			0.4	2	ug/L
Iron, Dissolved, ICP-MS	97.6			10	50	ug/L	--	--	--	--	--	--
Iron, Total, ICP-MS	1370			10	50	ug/L	1960			10	50	ug/L
Lead, Dissolved, ICP-MS	0.37	<RDL	J	0.1	0.5	ug/L	--	--	--	--	--	--
Lead, Total, ICP-MS	10.3			0.1	0.5	ug/L	12.4			0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	2120			10	50	ug/L	--	--	--	--	--	--
Magnesium, Total, ICP-MS	2660			10	50	ug/L	3120			10	50	ug/L
Manganese, Dissolved, ICP-MS	35.3			0.1	0.5	ug/L	--	--	--	--	--	--
Manganese, Total, ICP-MS	57.4			0.1	0.5	ug/L	47.8			0.1	0.5	ug/L

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: LANDER II REGULATOR
 Descr: LANDER II (AKA LAN
 Sampled: 04/12/09 4:42:00 PM
 TimeSpan: 2
 Lab ID: L47834-3
 Matrix: STORM WTR
 % Solids:

Locator: S070167
 Descr: W MICHIGAN REG/CSO
 Sampled: 04/12/09 3:52:00 PM
 TimeSpan: 2
 Lab ID: L47834-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis							-Wet Weight Basis					
Nickel, Dissolved, ICP-MS	1.41			0.1	0.5	ug/L	--	--	--	--	--	--
Nickel, Total, ICP-MS	3.3			0.1	0.5	ug/L	4.68			0.1	0.5	ug/L
Selenium, Total, ICP-MS	--	--	--	--	--	--	--	--	--	--	--	--
Silver, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	--	--	--	--	--	--
Silver, Total, ICP-MS	0.2	<RDL	J	0.05	0.25	ug/L	0.11	<RDL	J	0.05	0.25	ug/L
Zinc, Dissolved, ICP-MS	26.3			0.5	2.5	ug/L	--	--	--	--	--	--
Zinc, Total, ICP-MS	77.2			0.5	2.5	ug/L	84.3			0.5	2.5	ug/L
M=MT EPA 245.1*SW846 7470A												
Mercury, Dissolved, CVAA	<MDL,H	U		0.005	0.015	ug/L	--	--	--	--	--	--
Mercury, Total, CVAA	0.016			0.005	0.015	ug/L	0.0151			0.005	0.015	ug/L
M=OR SW846 3520C*SW846 8081B												
4,4'-DDD	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
4,4'-DDE	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
4,4'-DDT	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Aldrin	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Alpha-BHC	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Alpha-Chlordane	<MDL	U		0.12	0.236	ug/L	--	--	--	--	--	--
Beta-BHC	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Chlordane	<MDL	U		0.12	0.236	ug/L	--	--	--	--	--	--
Delta-BHC	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Dieldrin	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Endosulfan I	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Endosulfan II	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Endosulfan Sulfate	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Endrin	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Endrin Aldehyde	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Gamma-BHC (Lindane)	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Gamma-Chlordane	<MDL	U		0.12	0.236	ug/L	--	--	--	--	--	--
Heptachlor	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Heptachlor Epoxide	<MDL	U		0.024	0.0472	ug/L	--	--	--	--	--	--
Methoxychlor	<MDL	U		0.12	0.236	ug/L	--	--	--	--	--	--
Toxaphene	<MDL	U		0.24	0.472	ug/L	--	--	--	--	--	--
M=OR SW846 3520C*SW846 8270D												
1,2,4-Trichlorobenzene	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
1,2-Dichlorobenzene	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
1,2-Diphenylhydrazine	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
1,3-Dichlorobenzene	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
1,4-Dichlorobenzene	0.49		J	0.024	0.0472	ug/L	0.684		J	0.0048	0.0095	ug/L
2,4,5-Trichlorophenol	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sampled: 04/12/09 4:42:00 PM
 TimeSpan: 2
 Lab ID: L47834-3
 Matrix: STORM WTR
 % Solids:

Locator: S070167
 Descrip: W MICHIGAN REG/CSO
 Sampled: 04/12/09 3:52:00 PM
 TimeSpan: 2
 Lab ID: L47834-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
						-Wet Weight Basis						
2,4,6-Trichlorophenol	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
2,4-Dichlorophenol	<MDL	UJ		0.047	0.0943	ug/L	--	--	--	--	--	--
2,4-Dimethylphenol	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
2,4-Dinitrophenol	<MDL	UJ		0.24	0.943	ug/L	--	--	--	--	--	--
2,4-Dinitrotoluene	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
2,6-Dinitrotoluene	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
2-Chloronaphthalene	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
2-Chlorophenol	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
2-Methylnaphthalene	0.0942	J		0.024	0.0472	ug/L	0.0479	J		0.0095	0.019	ug/L
2-Methylphenol	0.105	J		0.024	0.0472	ug/L	--	--	--	--	--	--
2-Nitroaniline	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
2-Nitrophenol	<MDL	UJ		0.094	0.189	ug/L	--	--	--	--	--	--
3,3'-Dichlorobenzidine	<MDL	UJ		0.094	0.189	ug/L	--	--	--	--	--	--
3-Methylphenol	<MDL	UJ		0.047	0.0943	ug/L	--	--	--	--	--	--
3-Nitroaniline	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
4,6-Dinitro-O-Cresol	<MDL	UJ		0.24	0.943	ug/L	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	<MDL	UJ		0.047	0.0943	ug/L	--	--	--	--	--	--
4-Chloro-3-Methylphenol	<MDL	UJ		0.094	0.189	ug/L	--	--	--	--	--	--
4-Chloroaniline	<MDL	UJ		0.047	0.0943	ug/L	--	--	--	--	--	--
4-Chlorophenyl Phenyl Ether	<MDL	UJ		0.047	0.0943	ug/L	--	--	--	--	--	--
4-Methylphenol	<MDL	UJ		0.047	0.0943	ug/L	<MDL	UJ		0.048	0.0952	ug/L
4-Nitroaniline	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
4-Nitrophenol	<MDL	UJ		0.24	0.472	ug/L	--	--	--	--	--	--
Acenaphthene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Acenaphthylene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Aniline	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
Anthracene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Benzo(a)anthracene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Benzo(a)pyrene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Benzo(b)fluoranthene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Benzo(g,h,i)perylene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Benzo(k)fluoranthene	<MDL	UJ		0.0094	0.0189	ug/L	<MDL	UJ		0.0095	0.019	ug/L
Benzoic Acid	2.95	R		0.24	0.472	ug/L	--	--	--	--	--	--
Benzyl Alcohol	1.39	J		0.094	0.189	ug/L	1.19	J		0.048	0.0952	ug/L
Benzyl Butyl Phthalate	0.466	J		0.047	0.0943	ug/L	0.354	J		0.048	0.0952	ug/L
Bis(2-Chloroethoxy)Methane	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-Chloroethyl)Ether	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-Chloroisopropyl)Ether	<MDL	UJ		0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-ethylhexyl)adipate	--	--		--	--	--	<MDL	UJ		0.048	0.0952	ug/L
Bis(2-Ethylhexyl)Phthalate	38	J		0.024	0.472	ug/L	4.76	B2	UJ	0.024	0.0476	ug/L

Table C-7. CSO and CSO like data Composite Sample Results for Samples Collected in April 2009.

King County Environmental Lab Analytical Report

PROJECT: 423589-090-1

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sampled: 04/12/09 4:42:00 PM
 TimeSpan: 2
 Lab ID: L47834-3
 Matrix: STORM WTR
 % Solids:

Locator: S070167
 Descrip: W MICHIGAN REG/CSO
 Sampled: 04/12/09 3:52:00 PM
 TimeSpan: 2
 Lab ID: L47834-4
 Matrix: STORM WTR
 % Solids:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
-Wet Weight Basis						-Wet Weight Basis						
Bisphenol A	--	--	--	--	--	--	<MDL	UJ	UJ	0.12	0.238	ug/L
Caffeine	15.4		J	0.024	0.0472	ug/L	17.8		J	0.0095	0.019	ug/L
Carbazole	<MDL		UJ	0.024	0.0472	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Chrysene	<MDL		UJ	0.0094	0.0189	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Coprostanol	30.6		J	0.47	0.943	ug/L	--	--	--	--	--	--
Dibenzo(a,h)anthracene	<MDL		UJ	0.0094	0.0189	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Dibenzofuran	<MDL		UJ	0.024	0.0472	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Diethyl Phthalate	2.09		J	0.024	0.472	ug/L	3.87		J	0.024	0.0476	ug/L
Dimethyl Phthalate	0.0678		J	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0476	ug/L
Di-N-Butyl Phthalate	0.353		J	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0476	ug/L
Di-N-Octyl Phthalate	0.512		J	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0476	ug/L
Fluoranthene	0.059		J	0.0094	0.0189	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Fluorene	0.0279		J	0.0094	0.0189	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Hexachlorobenzene	<MDL		UJ	0.024	0.0472	ug/L	--	--	--	--	--	--
Hexachlorobutadiene	<MDL		UJ	0.047	0.0943	ug/L	--	--	--	--	--	--
Hexachlorocyclopentadiene	<MDL		UJ	0.24	0.472	ug/L	--	--	--	--	--	--
Hexachloroethane	<MDL		UJ	0.047	0.0943	ug/L	--	--	--	--	--	--
Indeno(1,2,3-Cd)Pyrene	<MDL		UJ	0.0094	0.0189	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Isophorone	<MDL		UJ	0.047	0.0943	ug/L	--	--	--	--	--	--
Naphthalene	0.0638		J	0.0094	0.0189	ug/L	0.0405		J	0.0095	0.019	ug/L
Nitrobenzene	<MDL		UJ	0.024	0.0472	ug/L	--	--	--	--	--	--
N-Nitrosodimethylamine	<MDL		UJ	0.024	0.0472	ug/L	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	<MDL		UJ	0.047	0.0943	ug/L	--	--	--	--	--	--
N-Nitrosodiphenylamine	<MDL		UJ	0.024	0.0472	ug/L	--	--	--	--	--	--
Pentachlorophenol	<MDL		UJ	0.24	0.472	ug/L	<MDL		UJ	0.095	0.19	ug/L
Phenanthrene	0.104		J	0.0094	0.0236	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Phenol	0.42		J	0.024	0.0472	ug/L	<MDL		UJ	0.048	0.0952	ug/L
Pyrene	0.0775		J	0.0094	0.0189	ug/L	<MDL		UJ	0.0095	0.019	ug/L
Pyridine	<MDL		R	0.047	0.0943	ug/L	--	--	--	--	--	--
Total 4-Nonylphenol	--	--	--	--	--	--	<MDL		UJ	0.048	0.0952	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 R = Rejected value
 J = Estimated Value
 U = not detected

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrip: BRANDON ST OUTFALL
 Sample: L47992-1
 Matrix: LG STORM WTR
 ColDate: 5/2/09 21:29
 TimeSpan: 0.5

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sample: L47992-2
 Matrix: LG STORM WTR
 ColDate: 5/2/09 22:12
 TimeSpan: 1.5

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
CV EPA 160.4												
Volatile Suspended Solids	54			5	10	mg/L	55.8			4.2	8.3	mg/L
CV KEROUEL & AMINOT 1997												
Ammonia Nitrogen	0.688	H	J	0.025	0.05	mg/L	4.64	H	J	0.25	0.5	mg/L
CV SM2320-B												
Total Alkalinity	--	--	--	--	--	--	57.1			1	5	mg CaCO3/L
CV SM4110B CL												
Chloride	--	--	--	--	--	--	16.7			0.25	0.5	mg/L
CV SM5220-D												
Chemical Oxygen Demand	--	--	--	--	--	--	189			5	10	mg/L
CV SM2540-D												
Total Suspended Solids	143			5	10	mg/L	80.8			4.2	8.3	mg/L
CV SM4500-N-C												
Total Nitrogen	4.58			0.1	0.2	mg/L	8.74			0.25	0.5	mg/L
CV SM4500-NO3-F												
Nitrite + Nitrate Nitrogen	0.207	H	J	0.01	0.04	mg/L	<MDL,H	UJ	0.01	0.04		mg/L
CV SM4500-P-B,F												
Total Phosphorus	1.29			0.05	0.1	mg/L	1.69			0.05	0.1	mg/L
CV SM5310-B												
Dissolved Organic Carbon	13.3			0.5	1	mg/L	17			0.5	1	mg/L
Total Organic Carbon	41.8			10	20	mg/L	46.9			10	20	mg/L
MT EPA 200.8*SW846 6020A												
Arsenic, Dissolved, ICP-MS	0.962		J	0.1	0.5	ug/L	1.57		J	0.1	0.5	ug/L
Arsenic, Total, ICP-MS	2.53		J	0.1	0.5	ug/L	2.08		J	0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L
Cadmium, Total, ICP-MS	0.508		J	0.05	0.25	ug/L	0.17	<RDL	J	0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	12400		J	10	50	ug/L	9940		J	10	50	ug/L
Calcium, Total, ICP-MS	13800		J	10	50	ug/L	11200		J	10	50	ug/L
Chromium, Dissolved, ICP-MS	0.49	<RDL	J	0.2	1	ug/L	0.65	<RDL	J	0.2	1	ug/L
Chromium, Total, ICP-MS	10.4		J	0.2	1	ug/L	2.96		J	0.2	1	ug/L
Copper, Dissolved, ICP-MS	4.02		J	0.4	2	ug/L	5.11		J	0.4	2	ug/L
Copper, Total, ICP-MS	57.8		J	0.4	2	ug/L	28.9		J	0.4	2	ug/L
Iron, Dissolved, ICP-MS	146		J	10	50	ug/L	151		J	10	50	ug/L
Iron, Total, ICP-MS	4520		J	10	50	ug/L	1340		J	10	50	ug/L
Lead, Dissolved, ICP-MS	0.668		J	0.1	0.5	ug/L	0.545		J	0.1	0.5	ug/L
Lead, Total, ICP-MS	29		J	0.1	0.5	ug/L	11.2		J	0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	1890		J	10	50	ug/L	2600		J	10	50	ug/L
Magnesium, Total, ICP-MS	2750		J	10	50	ug/L	2980		J	10	50	ug/L
Manganese, Dissolved, ICP-MS	66.3		J	0.1	0.5	ug/L	47.7		J	0.1	0.5	ug/L
Manganese, Total, ICP-MS	120		J	0.1	0.5	ug/L	67.6		J	0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	9.21		J	0.1	0.5	ug/L	1.66		J	0.1	0.5	ug/L
Nickel, Total, ICP-MS	20.3		J	0.1	0.5	ug/L	3.57		J	0.1	0.5	ug/L

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrip: BRANDON ST OUTFALL
 Sample: L47992-1
 Matrix: LG STORM WTR
 ColDate: 5/2/09 21:29
 TimeSpan: 0.5

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sample: L47992-2
 Matrix: LG STORM WTR
 ColDate: 5/2/09 22:12
 TimeSpan: 1.5

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Silver, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L
Silver, Total, ICP-MS	0.481		J	0.05	0.25	ug/L	0.18	<RDL	J	0.05	0.25	ug/L
Zinc, Dissolved, ICP-MS	15.3		J	0.5	2.5	ug/L	30.2		J	0.5	2.5	ug/L
Zinc, Total, ICP-MS	193		J	0.5	2.5	ug/L	93.7		J	0.5	2.5	ug/L
MT EPA 245.1*SW846 7470A												
Mercury, Dissolved, CVAA		<MDL,H	UJ	0.005	0.015	ug/L		<MDL,H	UJ	0.005	0.015	ug/L
Mercury, Total, CVAA	0.0574			0.005	0.015	ug/L	0.0426			0.005	0.015	ug/L
OR SW846 3520C*SW846 8270D												
1,4-Dichlorobenzene	0.783			0.0047	0.00943	ug/L	0.577			0.024	0.0472	ug/L
2-Methylnaphthalene	0.055			0.0094	0.0189	ug/L	0.266			0.024	0.0472	ug/L
4-Methylphenol	0.662			0.047	0.0943	ug/L	8.11			0.047	0.0943	ug/L
Acenaphthene	0.0585			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Acenaphthylene	0.0284			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Anthracene	0.0479			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(a)anthracene	0.0606			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(a)pyrene	0.0722			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.101			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.0705			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.0612			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzyl Alcohol		<MDL	U	0.047	0.0943	ug/L	5.17			0.094	0.189	ug/L
Benzyl Butyl Phthalate	0.752			0.047	0.0943	ug/L	1.09			0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	3.45		J	0.024	0.0472	ug/L	14		J	0.024	0.472	ug/L
Bis(2-ethylhexyl)adipate		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
Bisphenol A	31.5			0.12	0.236	ug/L	--	--	--	--	--	--
Caffeine	7.18			0.0094	0.0189	ug/L	16.3			0.024	0.0472	ug/L
Carbazole	0.0501			0.0094	0.0189	ug/L		<MDL	U	0.024	0.0472	ug/L
Chrysene	0.105			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Di-N-Butyl Phthalate	0.841			0.024	0.0472	ug/L	0.283			0.024	0.0472	ug/L
Di-N-Octyl Phthalate		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Dibenzo(a,h)anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Dibenzofuran	0.0264			0.0094	0.0189	ug/L		<MDL	U	0.024	0.0472	ug/L
Diethyl Phthalate	0.554			0.024	0.0472	ug/L	1.36			0.024	0.472	ug/L
Dimethyl Phthalate	0.461			0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Fluoranthene	0.117			0.0094	0.0189	ug/L	0.0437			0.0094	0.0189	ug/L
Fluorene	0.0433			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	0.0372			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Naphthalene	0.0372			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Pentachlorophenol		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.24	0.472	ug/L
Phenanthrene	0.162			0.0094	0.0189	ug/L	0.106			0.0094	0.0236	ug/L
Phenol	0.357			0.047	0.0943	ug/L	3.29			0.024	0.0472	ug/L
Pyrene	0.177			0.0094	0.0189	ug/L	0.067			0.0094	0.0189	ug/L

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrip: BRANDON ST OUTFALL
 Sample: L47992-1
 Matrix: LG STORM WTR
 ColDate: 5/2/09 21:29
 TimeSpan: 0.5

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sample: L47992-2
 Matrix: LG STORM WTR
 ColDate: 5/2/09 22:12
 TimeSpan: 1.5

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Total 4-Nonylphenol	12.6			0.047	0.0943	ug/L	--	--	--	--	--	--
OR SW846 3520C*SW846 8081B												
4,4'-DDD	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
4,4'-DDE	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
4,4'-DDT	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Aldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Alpha-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Alpha-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236		ug/L
Beta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236		ug/L
Delta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Dieldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Endosulfan I	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Endosulfan II	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Endosulfan Sulfate	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Endrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Endrin Aldehyde	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Gamma-BHC (Lindane)	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Gamma-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236		ug/L
Heptachlor	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Heptachlor Epoxide	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Methoxychlor	--	--	--	--	--	--	<MDL	U	0.12	0.236		ug/L
Toxaphene	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
OR SW846 3520C*SW846 8270D												
1,2,4-Trichlorobenzene	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
1,2-Dichlorobenzene	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
1,2-Diphenylhydrazine	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
1,3-Dichlorobenzene	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
2,4,5-Trichlorophenol	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
2,4,6-Trichlorophenol	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
2,4-Dichlorophenol	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
2,4-Dimethylphenol	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
2,4-Dinitrophenol	--	--	--	--	--	--	<MDL	U	0.24	0.943		ug/L
2,4-Dinitrotoluene	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
2,6-Dinitrotoluene	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
2-Chloronaphthalene	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
2-Chlorophenol	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
2-Methylphenol	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
2-Nitroaniline	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
2-Nitrophenol	--	--	--	--	--	--	<MDL	U	0.094	0.189		ug/L
3,3'-Dichlorobenzidine	--	--	--	--	--	--	<MDL	U	0.094	0.189		ug/L

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrip: BRANDON ST OUTFALL
 Sample: L47992-1
 Matrix: LG STORM WTR
 ColDate: 5/2/09 21:29
 TimeSpan: 0.5

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sample: L47992-2
 Matrix: LG STORM WTR
 ColDate: 5/2/09 22:12
 TimeSpan: 1.5

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
3-Methylphenol	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
3-Nitroaniline	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
4,6-Dinitro-O-Cresol	--	--	--	--	--	--	<MDL	U	0.24	0.943		ug/L
4-Bromophenyl Phenyl Ether	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
4-Chloro-3-Methylphenol	--	--	--	--	--	--	<MDL	U	0.094	0.189		ug/L
4-Chloroaniline	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
4-Nitroaniline	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
4-Nitrophenol	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
Aniline	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Benzoic Acid	--	--	--	--	--	--	11.2		0.24	0.472		ug/L
Bis(2-Chloroethoxy)Methane	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Bis(2-Chloroethyl)Ether	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Bis(2-Chloroisopropyl)Ether	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Coprostanol	--	--	--	--	--	--	29.1		0.47	0.943		ug/L
Hexachlorobenzene	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Hexachlorobutadiene	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
Hexachlorocyclopentadiene	--	--	--	--	--	--	<MDL	U	0.24	0.472		ug/L
Hexachloroethane	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
Isophorone	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
N-Nitrosodi-N-Propylamine	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L
N-Nitrosodimethylamine	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
N-Nitrosodiphenylamine	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Nitrobenzene	--	--	--	--	--	--	<MDL	U	0.024	0.0472		ug/L
Pyridine	--	--	--	--	--	--	<MDL	U	0.047	0.0943		ug/L

Valid Qual = Validation qualifier

MDL = Method Detection Limit

RDL = Reporting Detection Limit

B = Detected in Method Blank

J = Estimated Value

U = not detected

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON FO
 Sample: L48009-1
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:28
 TimeSpan: 2

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-2
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-3
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
CV EPA 160.4																			
Volatile Suspended Solids	94			5	10	mg/L	58			5	10	mg/L	67			5	10	mg/L	
CV KEROUEL & AMINOT 1997																			
Ammonia Nitrogen	2.58			0.1	0.2	mg/L	6.83			0.25	0.5	mg/L	9.34			0.5	1	mg/L	
CV SM2320-B																			
Total Alkalinity	45.5			1	5	mg CaCO3/L	66.3			1	5	mg CaCO3/L	77.9			1	5	mg CaCO3/L	
CV SM4110B CL																			
Chloride	35.2			0.25	0.5	mg/L	7.26			0.25	0.5	mg/L	118			1	2	mg/L	
CV SM5220-D																			
Chemical Oxygen Demand	177			5	10	mg/L	225			5	10	mg/L	261			5	10	mg/L	
CV SM2540-D																			
Total Suspended Solids	235			5	10	mg/L	106			5	10	mg/L	110			5	10	mg/L	
CV SM4500-N-C																			
Total Nitrogen	5.69			0.1	0.2	mg/L	10.9			0.25	0.5	mg/L	13.1			0.25	0.5	mg/L	
CV SM4500-NO3-F																			
Nitrite + Nitrate Nitrogen	0.451			0.01	0.04	mg/L	<MDL	U		0.01	0.04	mg/L	<MDL	U		0.01	0.04	mg/L	
CV SM4500-P-B,F																			
Total Phosphorus	0.983			0.05	0.1	mg/L	2.42			0.05	0.1	mg/L	2.81			0.05	0.1	mg/L	
CV SM5310-B																			
Dissolved Organic Carbon	8.02			0.5	1	mg/L	30.6			0.5	1	mg/L	36.7			0.5	1	mg/L	
Total Organic Carbon	29.8			10	20	mg/L	57.7			10	20	mg/L	67.5			10	20	mg/L	
MT EPA 200.8*SW846 6020A																			
Arsenic, Dissolved, ICP-MS	1.71		J	0.1	0.5	ug/L	1.52		J	0.1	0.5	ug/L	1.61		J	0.1	0.5	ug/L	
Arsenic, Total, ICP-MS	4.6		J	0.1	0.5	ug/L	2.28		J	0.1	0.5	ug/L	2.32		J	0.1	0.5	ug/L	
Cadmium, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L	
Cadmium, Total, ICP-MS	2.1		J	0.05	0.25	ug/L	0.264		J	0.05	0.25	ug/L	0.22	<RDL	J	0.05	0.25	ug/L	
Calcium, Dissolved, ICP-MS	9860		J	10	50	ug/L	9960		J	10	50	ug/L	11400		J	10	50	ug/L	
Calcium, Total, ICP-MS	13500		J	10	50	ug/L	12000		J	10	50	ug/L	13400		J	10	50	ug/L	
Chromium, Dissolved, ICP-MS	0.43	<RDL	J	0.2	1	ug/L	0.6	<RDL	J	0.2	1	ug/L	0.69	<RDL	J	0.2	1	ug/L	
Chromium, Total, ICP-MS	12.1		J	0.2	1	ug/L	5.27		J	0.2	1	ug/L	4.76		J	0.2	1	ug/L	
Copper, Dissolved, ICP-MS	3.06		J	0.4	2	ug/L	2.28		J	0.4	2	ug/L	2.18		J	0.4	2	ug/L	
Copper, Total, ICP-MS	54.9		J	0.4	2	ug/L	27.3		J	0.4	2	ug/L	26.6		J	0.4	2	ug/L	
Iron, Dissolved, ICP-MS	141		J	10	50	ug/L	285		J	10	50	ug/L	371		J	10	50	ug/L	
Iron, Total, ICP-MS	5160		J	10	50	ug/L	2780		J	10	50	ug/L	2610		J	10	50	ug/L	
Lead, Dissolved, ICP-MS	0.511		J	0.1	0.5	ug/L	0.38	<RDL	J	0.1	0.5	ug/L	0.38	<RDL	J	0.1	0.5	ug/L	
Lead, Total, ICP-MS	39.2		J	0.1	0.5	ug/L	15		J	0.1	0.5	ug/L	12.8		J	0.1	0.5	ug/L	
Magnesium, Dissolved, ICP-MS	3200		J	10	50	ug/L	2430		J	10	50	ug/L	3050		J	10	50	ug/L	
Magnesium, Total, ICP-MS	4800		J	10	50	ug/L	3460		J	10	50	ug/L	3950		J	10	50	ug/L	
Manganese, Dissolved, ICP-MS	63.3		J	0.1	0.5	ug/L	59.3		J	0.1	0.5	ug/L	65.3		J	0.1	0.5	ug/L	
Manganese, Total, ICP-MS	169		J	0.1	0.5	ug/L	112		J	0.1	0.5	ug/L	104		J	0.1	0.5	ug/L	
Nickel, Dissolved, ICP-MS	0.922		J	0.1	0.5	ug/L	1.65		J	0.1	0.5	ug/L	1.85		J	0.1	0.5	ug/L	
Nickel, Total, ICP-MS	9.97		J	0.1	0.5	ug/L	6.47		J	0.1	0.5	ug/L	5.76		J	0.1	0.5	ug/L	

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON FO
 Sample: L48009-1
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:28
 TimeSpan: 2

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-2
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-3
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
Silver, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L	
Silver, Total, ICP-MS	0.278		J	0.05	0.25	ug/L	0.11	<RDL	J	0.05	0.25	ug/L	0.12	<RDL	J	0.05	0.25	ug/L	
Zinc, Dissolved, ICP-MS	11.5		J	0.5	2.5	ug/L	20.3		J	0.5	2.5	ug/L	17.1		J	0.5	2.5	ug/L	
Zinc, Total, ICP-MS	205		J	0.5	2.5	ug/L	125		J	0.5	2.5	ug/L	116		J	0.5	2.5	ug/L	
MT EPA 245.1*SW846 7470A																			
Mercury, Dissolved, CVAA		<MDL,H	UJ	0.005	0.015	ug/L		<MDL,H	UJ	0.005	0.015	ug/L		<MDL,H	UJ	0.005	0.015	ug/L	
Mercury, Total, CVAA	0.0817			0.005	0.015	ug/L	0.0375			0.005	0.015	ug/L	0.0428			0.005	0.015	ug/L	
OR SW846 3520C*SW846 8270D																			
1,4-Dichlorobenzene	0.629			0.0047	0.00943	ug/L	326			0.24	0.472	ug/L	269			0.24	0.472	ug/L	
2-Methylnaphthalene	0.148			0.0094	0.0189	ug/L		<MDL	J	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
4-Methylphenol	0.354			0.047	0.0943	ug/L	31.4		J	0.47	0.943	ug/L	42.6			0.47	0.943	ug/L	
Acenaphthene	0.0394			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Benzo(a)anthracene	0.0454			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Benzo(a)pyrene	0.0659			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Benzo(b)fluoranthene	0.08			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Benzo(g,h,i)perylene	0.0549			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Benzo(k)fluoranthene	0.069			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Benzyl Alcohol		<MDL	U	0.047	0.0943	ug/L	5.56		J	0.94	1.89	ug/L	5.18			0.94	1.89	ug/L	
Benzyl Butyl Phthalate	0.468			0.047	0.0943	ug/L	2.25			0.47	0.943	ug/L	2.24			0.47	0.943	ug/L	
Bis(2-Ethylhexyl)Phthalate	2.27		U	2.3	4.54	ug/L	4.91	B	U	4.9	9.82	ug/L	5.47	B	U	5.5	10.9	ug/L	
Bis(2-ethylhexyl)adipate	0.356			0.047	0.0943	ug/L	--	--	--	--	--	--	--	--	--	--	--	--	
Bisphenol A		<MDL	U	0.12	0.236	ug/L	--	--	--	--	--	--	--	--	--	--	--	--	
Caffeine	5.54			0.0094	0.0189	ug/L	12.3		J	0.24	0.472	ug/L	14.5			0.24	0.472	ug/L	
Carbazole		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
Chrysene	0.0723			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Di-N-Butyl Phthalate	0.237			0.024	0.0472	ug/L	0.32	<RDL	U	0.24	0.472	ug/L	0.3	<RDL	U	0.24	0.472	ug/L	
Di-N-Octyl Phthalate		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
Dibenzo(a,h)anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Dibenzofuran	0.0251			0.0094	0.0189	ug/L		<MDL	UJ	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
Diethyl Phthalate	0.629			0.024	0.0472	ug/L	2.3	<RDL		0.24	4.72	ug/L	2.2	<RDL		0.24	4.72	ug/L	
Dimethyl Phthalate	0.306			0.024	0.0472	ug/L		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
Fluoranthene	0.0864			0.0094	0.0189	ug/L	0.15	<RDL		0.094	0.189	ug/L	0.097	<RDL		0.094	0.189	ug/L	
Fluorene	0.0546			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Indeno(1,2,3-Cd)Pyrene	0.0466			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Naphthalene	0.0861			0.0094	0.0189	ug/L		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
Pentachlorophenol	0.267			0.094	0.189	ug/L		<MDL	U	2.4	4.72	ug/L		<MDL	U	2.4	4.72	ug/L	
Phenanthrene	0.123			0.0094	0.0189	ug/L	0.19	<RDL		0.094	0.236	ug/L	0.18	<RDL		0.094	0.236	ug/L	
Phenol		<MDL	U	0.047	0.0943	ug/L	8.73			0.24	0.472	ug/L	9.56			0.24	0.472	ug/L	
Pyrene	0.133			0.0094	0.0189	ug/L	0.217			0.094	0.189	ug/L	0.15	<RDL		0.094	0.189	ug/L	

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON FO
 Sample: L48009-1
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:28
 TimeSpan: 2

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-2
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-3
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units			
Total 4-Nonylphenol	3.85			0.047	0.0943	ug/L	--	--	--	--	--	--	--	--	--	--	--	--			
OR SW846 3520C*SW846 8081B																					
4,4'-DDD	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
4,4'-DDE	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
4,4'-DDT	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Aldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Alpha-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Alpha-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L
Beta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L
Delta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Dieldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Endosulfan I	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Endosulfan II	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Endosulfan Sulfate	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Endrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Endrin Aldehyde	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Gamma-BHC (Lindane)	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Gamma-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L
Heptachlor	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Heptachlor Epoxide	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.024	0.0472	ug/L
Methoxychlor	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L	<MDL	U	0.12	0.236	ug/L
Toxaphene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
OR SW846 3520C*SW846 8270D																					
1,2,4-Trichlorobenzene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
1,2-Dichlorobenzene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
1,2-Diphenylhydrazine	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
1,3-Dichlorobenzene	--	--	--	--	--	--	<MDL	R	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
2,4,5-Trichlorophenol	--	--	--	--	--	--	<MDL	UJ	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
2,4,6-Trichlorophenol	--	--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
2,4-Dichlorophenol	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
2,4-Dimethylphenol	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
2,4-Dinitrophenol	--	--	--	--	--	--	<MDL	U	2.4	9.43	ug/L	<MDL	U	2.4	9.43	ug/L	<MDL	U	2.4	9.43	ug/L
2,4-Dinitrotoluene	--	--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
2,6-Dinitrotoluene	--	--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
2-Chloronaphthalene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
2-Chlorophenol	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
2-Methylphenol	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
2-Nitroaniline	--	--	--	--	--	--	<MDL	UJ	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
2-Nitrophenol	--	--	--	--	--	--	<MDL	U	0.94	1.89	ug/L	<MDL	U	0.94	1.89	ug/L	<MDL	U	0.94	1.89	ug/L
3,3'-Dichlorobenzidine	--	--	--	--	--	--	<MDL	R	0.94	1.89	ug/L	<MDL	U	0.94	1.89	ug/L	<MDL	U	0.94	1.89	ug/L

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: A00602
 Descrip: DUWAMISH SIPHON FO
 Sample: L48009-1
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:28
 TimeSpan: 2

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-2
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Locator: CS030
 Descrip: HANFORD ST CSO/AKA
 Sample: L48009-3
 Matrix: LG STORM WTR
 ColDate: 5/5/09 5:02
 TimeSpan: 1

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units			
3-Methylphenol	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
3-Nitroaniline	--	--	--	--	--	--	<MDL	R	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
4,6-Dinitro-O-Cresol	--	--	--	--	--	--	<MDL	U	2.4	9.43	ug/L	<MDL	U	2.4	9.43	ug/L	<MDL	U	2.4	9.43	ug/L
4-Bromophenyl Phenyl Ether	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
4-Chloro-3-Methylphenol	--	--	--	--	--	--	<MDL	U	0.94	1.89	ug/L	<MDL	U	0.94	1.89	ug/L	<MDL	U	0.94	1.89	ug/L
4-Chloroaniline	--	--	--	--	--	--	<MDL	R	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
4-Nitroaniline	--	--	--	--	--	--	<MDL	R	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
4-Nitrophenol	--	--	--	--	--	--	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
Aniline	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Benzoic Acid	--	--	--	--	--	--	197	J	2.4	4.72	ug/L	270	J	2.4	4.72	ug/L	270	J	2.4	4.72	ug/L
Bis(2-Chloroethoxy)Methane	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Bis(2-Chloroethyl)Ether	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Bis(2-Chloroisopropyl)Ether	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Coprostanol	--	--	--	--	--	--	62	J	4.7	9.43	ug/L	62.2	J	4.7	9.43	ug/L	62.2	J	4.7	9.43	ug/L
Hexachlorobenzene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Hexachlorobutadiene	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
Hexachlorocyclopentadiene	--	--	--	--	--	--	<MDL	R	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L	<MDL	U	2.4	4.72	ug/L
Hexachloroethane	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
Isophorone	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
N-Nitrosodi-N-Propylamine	--	--	--	--	--	--	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L
N-Nitrosodimethylamine	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
N-Nitrosodiphenylamine	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Nitrobenzene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L	<MDL	U	0.24	0.472	ug/L
Pyridine	--	--	--	--	--	--	<MDL	R	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L	<MDL	U	0.47	0.943	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrip: BRANDON ST OUTFALL
 Sample: L48009-4
 Matrix: LG STORM WTR
 ColDate: 5/4/09 20:13
 TimeSpan: 1.5

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sample: L48009-5
 Matrix: LG STORM WTR
 ColDate: 5/4/09 21:09
 TimeSpan: 2

Locator: S070167
 Descrip: W MICHIGAN REG/CSO
 Sample: L48009-6
 Matrix: LG STORM WTR
 ColDate: 5/4/09 19:58
 TimeSpan:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
CV EPA 160.4																			
Volatile Suspended Solids	35			5	10	mg/L	41			5	10	mg/L	130			7.8	16	mg/L	
CV KEROUEL & AMINOT 1997																			
Ammonia Nitrogen	1.45			0.05	0.1	mg/L	2.26			0.1	0.2	mg/L	--	--	--	--	--	--	
CV SM2320-B																			
Total Alkalinity	28.6			1	5	mg CaCO3/L	38			1	5	mg CaCO3/L	--	--	--	--	--	--	
CV SM4110B CL																			
Chloride	3.52			0.25	0.5	mg/L	92			1	2	mg/L	--	--	--	--	--	--	
CV SM5220-D																			
Chemical Oxygen Demand	118			5	10	mg/L	127			5	10	mg/L	--	--	--	--	--	--	
CV SM2540-D																			
Total Suspended Solids	109			5	10	mg/L	65			5	10	mg/L	348			7.8	16	mg/L	
CV SM4500-N-C																			
Total Nitrogen	3.13			0.05	0.1	mg/L	5.68			0.25	0.5	mg/L	--	--	--	--	--	--	
CV SM4500-NO3-F																			
Nitrite + Nitrate Nitrogen	0.144			0.01	0.04	mg/L	0.043			0.01	0.04	mg/L	--	--	--	--	--	--	
CV SM4500-P-B,F																			
Total Phosphorus	0.635			0.05	0.1	mg/L	1.42			0.05	0.1	mg/L	--	--	--	--	--	--	
CV SM5310-B																			
Dissolved Organic Carbon	8.64			0.5	1	mg/L	12.1			0.5	1	mg/L	13.1			0.5	1	mg/L	
Total Organic Carbon	26.7			10	20	mg/L	33.2			10	20	mg/L	55.7			10	20	mg/L	
MT EPA 200.8*SW846 6020A																			
Arsenic, Dissolved, ICP-MS	0.66		J	0.1	0.5	ug/L	0.978		J	0.1	0.5	ug/L	--	--	--	--	--	--	
Arsenic, Total, ICP-MS	1.74		J	0.1	0.5	ug/L	1.33		J	0.1	0.5	ug/L	--	--	--	--	--	--	
Cadmium, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L	--	--	--	--	--	--	
Cadmium, Total, ICP-MS	0.307		J	0.05	0.25	ug/L	0.2	<RDL	J	0.05	0.25	ug/L	--	--	--	--	--	--	
Calcium, Dissolved, ICP-MS	5080		J	10	50	ug/L	6400		J	10	50	ug/L	--	--	--	--	--	--	
Calcium, Total, ICP-MS	7060		J	10	50	ug/L	7790		J	10	50	ug/L	--	--	--	--	--	--	
Chromium, Dissolved, ICP-MS	0.71	<RDL	J	0.2	1	ug/L	0.45	<RDL	UJ	0.2	1	ug/L	--	--	--	--	--	--	
Chromium, Total, ICP-MS	7.75		J	0.2	1	ug/L	2.77		J	0.2	1	ug/L	--	--	--	--	--	--	
Copper, Dissolved, ICP-MS	5.86		J	0.4	2	ug/L	5.92		J	0.4	2	ug/L	--	--	--	--	--	--	
Copper, Total, ICP-MS	38.3		J	0.4	2	ug/L	27.3		J	0.4	2	ug/L	--	--	--	--	--	--	
Iron, Dissolved, ICP-MS	70.3		J	10	50	ug/L	63.7		J	10	50	ug/L	--	--	--	--	--	--	
Iron, Total, ICP-MS	2900		J	10	50	ug/L	1110		J	10	50	ug/L	--	--	--	--	--	--	
Lead, Dissolved, ICP-MS	0.78		J	0.1	0.5	ug/L	0.48	<RDL	J	0.1	0.5	ug/L	--	--	--	--	--	--	
Lead, Total, ICP-MS	23.2		J	0.1	0.5	ug/L	11.2		J	0.1	0.5	ug/L	--	--	--	--	--	--	
Magnesium, Dissolved, ICP-MS	414		J	10	50	ug/L	1260		J	10	50	ug/L	--	--	--	--	--	--	
Magnesium, Total, ICP-MS	1180		J	10	50	ug/L	1800		J	10	50	ug/L	--	--	--	--	--	--	
Manganese, Dissolved, ICP-MS	17.1		J	0.1	0.5	ug/L	29.5		J	0.1	0.5	ug/L	--	--	--	--	--	--	
Manganese, Total, ICP-MS	64.6		J	0.1	0.5	ug/L	45.7		J	0.1	0.5	ug/L	--	--	--	--	--	--	
Nickel, Dissolved, ICP-MS	2.77		J	0.1	0.5	ug/L	1.03		J	0.1	0.5	ug/L	--	--	--	--	--	--	
Nickel, Total, ICP-MS	10.9		J	0.1	0.5	ug/L	2.69		J	0.1	0.5	ug/L	--	--	--	--	--	--	

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrrip: BRANDON ST OUTFALL
 Sample: L48009-4
 Matrix: LG STORM WTR
 ColDate: 5/4/09 20:13
 TimeSpan: 1.5

Locator: LANDER II REGULATOR
 Descrrip: LANDER II (AKA LAN
 Sample: L48009-5
 Matrix: LG STORM WTR
 ColDate: 5/4/09 21:09
 TimeSpan: 2

Locator: S070167
 Descrrip: W MICHIGAN REG/CSO
 Sample: L48009-6
 Matrix: LG STORM WTR
 ColDate: 5/4/09 19:58
 TimeSpan:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
Silver, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L	--	--	--	--	--	--	
Silver, Total, ICP-MS	0.283		J	0.05	0.25	ug/L	0.23	<RDL	J	0.05	0.25	ug/L	--	--	--	--	--	--	
Zinc, Dissolved, ICP-MS	23.5		J	0.5	2.5	ug/L	24.5		J	0.5	2.5	ug/L	--	--	--	--	--	--	
Zinc, Total, ICP-MS	149		J	0.5	2.5	ug/L	70.9		J	0.5	2.5	ug/L	--	--	--	--	--	--	
MT EPA 245.1*SW846 7470A																			
Mercury, Dissolved, CVAA		<MDL,H	UJ	0.005	0.015	ug/L		<MDL,H	UJ	0.005	0.015	ug/L	--	--	--	--	--	--	
Mercury, Total, CVAA	0.0243			0.005	0.015	ug/L	0.0455			0.005	0.015	ug/L	--	--	--	--	--	--	
OR SW846 3520C*SW846 8270D																			
1,4-Dichlorobenzene	0.215			0.024	0.0472	ug/L	0.463			0.024	0.0472	ug/L	--	--	--	--	--	--	
2-Methylnaphthalene	0.0604			0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--	
4-Methylphenol		<MDL	U	0.047	0.0943	ug/L	0.201			0.047	0.0943	ug/L	--	--	--	--	--	--	
Acenaphthene	0.0637			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Anthracene	0.101			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Benzo(a)anthracene	0.168			0.0094	0.0189	ug/L	0.0256			0.0094	0.0189	ug/L	--	--	--	--	--	--	
Benzo(a)pyrene	0.233			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Benzo(b)fluoranthene	0.264			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Benzo(g,h,i)perylene	0.135			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Benzo(k)fluoranthene	0.18			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Benzyl Alcohol		<MDL	U	0.094	0.189	ug/L	2.38			0.094	0.189	ug/L	--	--	--	--	--	--	
Benzyl Butyl Phthalate	0.701			0.047	0.0943	ug/L	1.12			0.047	0.0943	ug/L	--	--	--	--	--	--	
Bis(2-Ethylhexyl)Phthalate	3.27	B	U	3.3	6.54	ug/L	4.17	B	U	4.2	8.34	ug/L	--	--	--	--	--	--	
Bis(2-ethylhexyl)adipate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
Bisphenol A				--	--	--	--			--	--	--	--	--	--	--	--	--	
Caffeine	10.2			0.024	0.0472	ug/L	15.1			0.024	0.0472	ug/L	--	--	--	--	--	--	
Carbazole		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--	
Chrysene	0.254			0.0094	0.0189	ug/L	0.0462			0.0094	0.0189	ug/L	--	--	--	--	--	--	
Di-N-Butyl Phthalate	0.188			0.024	0.0472	ug/L	0.317			0.024	0.0472	ug/L	--	--	--	--	--	--	
Di-N-Octyl Phthalate	2.18			0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--	
Dibenzo(a,h)anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Dibenzofuran		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--	
Diethyl Phthalate	0.37	<RDL	U	0.024	0.472	ug/L	0.972			0.024	0.472	ug/L	--	--	--	--	--	--	
Dimethyl Phthalate	0.386			0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--	
Fluoranthene	0.291			0.0094	0.0189	ug/L	0.0477			0.0094	0.0189	ug/L	--	--	--	--	--	--	
Fluorene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Indeno(1,2,3-Cd)Pyrene	0.126			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Naphthalene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	--	
Pentachlorophenol	0.34	<RDL		0.24	0.472	ug/L	0.24	<RDL		0.24	0.472	ug/L	--	--	--	--	--	--	
Phenanthrene	0.299			0.0094	0.0236	ug/L	0.0712			0.0094	0.0236	ug/L	--	--	--	--	--	--	
Phenol		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--	
Pyrene	0.495			0.0094	0.0189	ug/L	0.0646			0.0094	0.0189	ug/L	--	--	--	--	--	--	

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrrip: BRANDON ST OUTFALL
 Sample: L48009-4
 Matrix: LG STORM WTR
 ColDate: 5/4/09 20:13
 TimeSpan: 1.5

Locator: LANDER II REGULATOR
 Descrrip: LANDER II (AKA LAN
 Sample: L48009-5
 Matrix: LG STORM WTR
 ColDate: 5/4/09 21:09
 TimeSpan: 2

Locator: S070167
 Descrrip: W MICHIGAN REG/CSO
 Sample: L48009-6
 Matrix: LG STORM WTR
 ColDate: 5/4/09 19:58
 TimeSpan:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units		
Total 4-Nonylphenol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
OR SW846 3520C*SW846 8081B																				
4,4'-DDD	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	
4,4'-DDE	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
4,4'-DDT	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Aldrin	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Alpha-BHC	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Alpha-Chlordane	<MDL	U	U	0.12	0.236	ug/L	<MDL	U	U	0.12	0.236	ug/L	--	--	--	--	--	--	--	--
Beta-BHC	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Chlordane	<MDL	U	U	0.12	0.236	ug/L	<MDL	U	U	0.12	0.236	ug/L	--	--	--	--	--	--	--	--
Delta-BHC	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Dieldrin	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Endosulfan I	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Endosulfan II	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Endosulfan Sulfate	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Endrin	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Endrin Aldehyde	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Gamma-BHC (Lindane)	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Gamma-Chlordane	<MDL	U	U	0.12	0.236	ug/L	<MDL	U	U	0.12	0.236	ug/L	--	--	--	--	--	--	--	--
Heptachlor	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Heptachlor Epoxide	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
Methoxychlor	<MDL	U	U	0.12	0.236	ug/L	<MDL	U	U	0.12	0.236	ug/L	--	--	--	--	--	--	--	--
Toxaphene	<MDL	U	U	0.24	0.472	ug/L	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--	--	--
OR SW846 3520C*SW846 8270D																				
1,2,4-Trichlorobenzene	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
1,2-Dichlorobenzene	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
1,2-Diphenylhydrazine	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
1,3-Dichlorobenzene	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
2,4,5-Trichlorophenol	<MDL	U	U	0.24	0.472	ug/L	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--	--	--
2,4,6-Trichlorophenol	<MDL	U	U	0.24	0.472	ug/L	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--	--	--
2,4-Dichlorophenol	<MDL	U	U	0.047	0.0943	ug/L	<MDL	U	U	0.047	0.0943	ug/L	--	--	--	--	--	--	--	--
2,4-Dimethylphenol	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
2,4-Dinitrophenol	<MDL	U	U	0.24	0.943	ug/L	<MDL	U	U	0.24	0.943	ug/L	--	--	--	--	--	--	--	--
2,4-Dinitrotoluene	<MDL	U	U	0.24	0.472	ug/L	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--	--	--
2,6-Dinitrotoluene	<MDL	U	U	0.24	0.472	ug/L	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--	--	--
2-Chloronaphthalene	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
2-Chlorophenol	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
2-Methylphenol	<MDL	U	U	0.024	0.0472	ug/L	<MDL	U	U	0.024	0.0472	ug/L	--	--	--	--	--	--	--	--
2-Nitroaniline	<MDL	U	U	0.24	0.472	ug/L	<MDL	U	U	0.24	0.472	ug/L	--	--	--	--	--	--	--	--
2-Nitrophenol	<MDL	U	U	0.094	0.189	ug/L	<MDL	U	U	0.094	0.189	ug/L	--	--	--	--	--	--	--	--
3,3'-Dichlorobenzidine	<MDL	U	U	0.094	0.189	ug/L	<MDL	U	U	0.094	0.189	ug/L	--	--	--	--	--	--	--	--

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: '063053
 Descrip: BRANDON ST OUTFALL
 Sample: L48009-4
 Matrix: LG STORM WTR
 ColDate: 5/4/09 20:13
 TimeSpan: 1.5

Locator: LANDER II REGULATOR
 Descrip: LANDER II (AKA LAN
 Sample: L48009-5
 Matrix: LG STORM WTR
 ColDate: 5/4/09 21:09
 TimeSpan: 2

Locator: S070167
 Descrip: W MICHIGAN REG/CSO
 Sample: L48009-6
 Matrix: LG STORM WTR
 ColDate: 5/4/09 19:58
 TimeSpan:

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
3-Methylphenol		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
3-Nitroaniline		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	--	--	--	--	--	--
4,6-Dinitro-O-Cresol		<MDL	U	0.24	0.943	ug/L		<MDL	U	0.24	0.943	ug/L	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
4-Chloro-3-Methylphenol		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	--	--	--	--	--	--
4-Chloroaniline		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
4-Chlorophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
4-Nitroaniline		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	--	--	--	--	--	--
4-Nitrophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	--	--	--	--	--	--
Aniline		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Benzoic Acid	1.19			0.24	0.472	ug/L	2.65			0.24	0.472	ug/L	--	--	--	--	--	--
Bis(2-Chloroethoxy)Methane		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-Chloroethyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Bis(2-Chloroisopropyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Coprostanol	11.6			0.47	0.943	ug/L	32.1			0.47	0.943	ug/L	--	--	--	--	--	--
Hexachlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Hexachlorobutadiene		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
Hexachlorocyclopentadiene		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	--	--	--	--	--	--
Hexachloroethane		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
Isophorone		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--
N-Nitrosodimethylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
N-Nitrosodiphenylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Nitrobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	--	--	--	--	--	--
Pyridine		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	--

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: KINGDOME REGULATOR
 Descrip: KINGDOME REGULATOR
 Sample: L48009-7
 Matrix: LG STORM WTR
 ColDate: 5/5/09 4:54
 TimeSpan: 2

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
CV EPA 160.4						
Volatile Suspended Solids	78			5	10	mg/L
CV KEROUEL & AMINOT 1997						
Ammonia Nitrogen	0.583			0.025	0.05	mg/L
CV SM2320-B						
Total Alkalinity	20.9			1	5	mg CaCO3/L
CV SM4110B CL						
Chloride	4.75			0.25	0.5	mg/L
CV SM5220-D						
Chemical Oxygen Demand	142			5	10	mg/L
CV SM2540-D						
Total Suspended Solids	241			5	10	mg/L
CV SM4500-N-C						
Total Nitrogen	2.68			0.05	0.1	mg/L
CV SM4500-NO3-F						
Nitrite + Nitrate Nitrogen	0.208			0.01	0.04	mg/L
CV SM4500-P-B,F						
Total Phosphorus	0.853			0.05	0.1	mg/L
CV SM5310-B						
Dissolved Organic Carbon	7.28			0.5	1	mg/L
Total Organic Carbon	45			10	20	mg/L
MT EPA 200.8*SW846 6020A						
Arsenic, Dissolved, ICP-MS	0.724		J	0.1	0.5	ug/L
Arsenic, Total, ICP-MS	2.74		J	0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L
Cadmium, Total, ICP-MS	0.579		J	0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	5070		J	10	50	ug/L
Calcium, Total, ICP-MS	8900		J	10	50	ug/L
Chromium, Dissolved, ICP-MS	0.44	<RDL	J	0.2	1	ug/L
Chromium, Total, ICP-MS	12.4		J	0.2	1	ug/L
Copper, Dissolved, ICP-MS	4.73		J	0.4	2	ug/L
Copper, Total, ICP-MS	76.1		J	0.4	2	ug/L
Iron, Dissolved, ICP-MS	86.7		J	10	50	ug/L
Iron, Total, ICP-MS	5270		J	10	50	ug/L
Lead, Dissolved, ICP-MS	1.13		J	0.1	0.5	ug/L
Lead, Total, ICP-MS	56		J	0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	452		J	10	50	ug/L
Magnesium, Total, ICP-MS	1960		J	10	50	ug/L
Manganese, Dissolved, ICP-MS	17.9		J	0.1	0.5	ug/L
Manganese, Total, ICP-MS	120		J	0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	0.839		J	0.1	0.5	ug/L
Nickel, Total, ICP-MS	9.29		J	0.1	0.5	ug/L

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: KINGDOME REGULATOR
 Descrip: KINGDOME REGULATOR
 Sample: L48009-7
 Matrix: LG STORM WTR
 ColDate: 5/5/09 4:54
 TimeSpan: 2

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Silver, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L
Silver, Total, ICP-MS	1.88		J	0.05	0.25	ug/L
Zinc, Dissolved, ICP-MS	42.8		J	0.5	2.5	ug/L
Zinc, Total, ICP-MS	258		J	0.5	2.5	ug/L
MT EPA 245.1*SW846 7470A						
Mercury, Dissolved, CVAA		<MDL,H	UJ	0.005	0.015	ug/L
Mercury, Total, CVAA	0.0479			0.005	0.015	ug/L
OR SW846 3520C*SW846 8270D						
1,4-Dichlorobenzene	0.451			0.0047	0.00943	ug/L
2-Methylnaphthalene	0.895			0.0094	0.0189	ug/L
4-Methylphenol	1.71			0.047	0.0943	ug/L
Acenaphthene		<MDL	U	0.0094	0.0189	ug/L
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L
Anthracene	0.0985			0.0094	0.0189	ug/L
Benzo(a)anthracene	0.249			0.0094	0.0189	ug/L
Benzo(a)pyrene	0.326			0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.404			0.0094	0.0189	ug/L
Benzo(g,h,i)perylene	0.217			0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.257			0.0094	0.0189	ug/L
Benzyl Alcohol	1.06			0.047	0.0943	ug/L
Benzyl Butyl Phthalate	0.869			0.047	0.0943	ug/L
Bis(2-Ethylhexyl)Phthalate	5.03		J	0.024	0.0472	ug/L
Bis(2-ethylhexyl)adipate	0.268			0.047	0.0943	ug/L
Bisphenol A	0.916			0.12	0.236	ug/L
Caffeine	2.31			0.0094	0.0189	ug/L
Carbazole	0.124			0.0094	0.0189	ug/L
Chrysene	0.383			0.0094	0.0189	ug/L
Di-N-Butyl Phthalate	0.259			0.024	0.0472	ug/L
Di-N-Octyl Phthalate		<MDL	U	0.024	0.0472	ug/L
Dibenzo(a,h)anthracene	0.0689			0.0094	0.0189	ug/L
Dibenzofuran	0.0693			0.0094	0.0189	ug/L
Diethyl Phthalate	0.267			0.024	0.0472	ug/L
Dimethyl Phthalate	0.393			0.024	0.0472	ug/L
Fluoranthene	0.521			0.0094	0.0189	ug/L
Fluorene	0.107			0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	0.186			0.0094	0.0189	ug/L
Naphthalene	0.307			0.0094	0.0189	ug/L
Pentachlorophenol	0.411		J	0.094	0.189	ug/L
Phenanthrene	0.556			0.0094	0.0189	ug/L
Phenol	1.27			0.047	0.0943	ug/L
Pyrene	0.868		J	0.0094	0.0189	ug/L

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: KINGDOME REGULATOR
 Descrip: KINGDOME REGULATOR
 Sample: L48009-7
 Matrix: LG STORM WTR
 ColDate: 5/5/09 4:54
 TimeSpan: 2

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Total 4-Nonylphenol	9.01			0.047	0.0943	ug/L
OR SW846 3520C*SW846 8081B						
4,4'-DDD	--	--	--	--	--	--
4,4'-DDE	--	--	--	--	--	--
4,4'-DDT	--	--	--	--	--	--
Aldrin	--	--	--	--	--	--
Alpha-BHC	--	--	--	--	--	--
Alpha-Chlordane	--	--	--	--	--	--
Beta-BHC	--	--	--	--	--	--
Chlordane	--	--	--	--	--	--
Delta-BHC	--	--	--	--	--	--
Dieldrin	--	--	--	--	--	--
Endosulfan I	--	--	--	--	--	--
Endosulfan II	--	--	--	--	--	--
Endosulfan Sulfate	--	--	--	--	--	--
Endrin	--	--	--	--	--	--
Endrin Aldehyde	--	--	--	--	--	--
Gamma-BHC (Lindane)	--	--	--	--	--	--
Gamma-Chlordane	--	--	--	--	--	--
Heptachlor	--	--	--	--	--	--
Heptachlor Epoxide	--	--	--	--	--	--
Methoxychlor	--	--	--	--	--	--
Toxaphene	--	--	--	--	--	--
OR SW846 3520C*SW846 8270D						
1,2,4-Trichlorobenzene	--	--	--	--	--	--
1,2-Dichlorobenzene	--	--	--	--	--	--
1,2-Diphenylhydrazine	--	--	--	--	--	--
1,3-Dichlorobenzene	--	--	--	--	--	--
2,4,5-Trichlorophenol	--	--	--	--	--	--
2,4,6-Trichlorophenol	--	--	--	--	--	--
2,4-Dichlorophenol	--	--	--	--	--	--
2,4-Dimethylphenol	--	--	--	--	--	--
2,4-Dinitrophenol	--	--	--	--	--	--
2,4-Dinitrotoluene	--	--	--	--	--	--
2,6-Dinitrotoluene	--	--	--	--	--	--
2-Chloronaphthalene	--	--	--	--	--	--
2-Chlorophenol	--	--	--	--	--	--
2-Methylphenol	--	--	--	--	--	--
2-Nitroaniline	--	--	--	--	--	--
2-Nitrophenol	--	--	--	--	--	--
3,3'-Dichlorobenzidine	--	--	--	--	--	--

Table C-8. CSO and CSO-like Composite Sample Results for Samples Collected in May 2009.

King County Environmental Lab Analytical Report

Project: 423589-090-1

Locator: KINGDOME REGULATOR
 Descrip: KINGDOME REGULATOR
 Sample: L48009-7
 Matrix: LG STORM WTR
 ColDate: 5/5/09 4:54
 TimeSpan: 2

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
3-Methylphenol	--	--	--	--	--	--
3-Nitroaniline	--	--	--	--	--	--
4,6-Dinitro-O-Cresol	--	--	--	--	--	--
4-Bromophenyl Phenyl Ether	--	--	--	--	--	--
4-Chloro-3-Methylphenol	--	--	--	--	--	--
4-Chloroaniline	--	--	--	--	--	--
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	--
4-Nitroaniline	--	--	--	--	--	--
4-Nitrophenol	--	--	--	--	--	--
Aniline	--	--	--	--	--	--
Benzoic Acid	--	--	--	--	--	--
Bis(2-Chloroethoxy)Methane	--	--	--	--	--	--
Bis(2-Chloroethyl)Ether	--	--	--	--	--	--
Bis(2-Chloroisopropyl)Ether	--	--	--	--	--	--
Coprostanol	--	--	--	--	--	--
Hexachlorobenzene	--	--	--	--	--	--
Hexachlorobutadiene	--	--	--	--	--	--
Hexachlorocyclopentadiene	--	--	--	--	--	--
Hexachloroethane	--	--	--	--	--	--
Isophorone	--	--	--	--	--	--
N-Nitrosodi-N-Propylamine	--	--	--	--	--	--
N-Nitrosodimethylamine	--	--	--	--	--	--
N-Nitrosodiphenylamine	--	--	--	--	--	--
Nitrobenzene	--	--	--	--	--	--
Pyridine	--	--	--	--	--	--

Valid Qual = Validation qualifier

MDL = Method Detection Limit

RDL = Reporting Detection Limit

B = Detected in Method Blank

J = Estimated Value

U = not detected

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Locator: CS030							Locator: S070167						
Description: HANFORD #2 CSO							Description: WEST MICHIGAN REGULATOR						
Sample: L49003-1							Sample: L49003-2						
Matrix: LG STORM WTR							Matrix: LG STORM WTR						
Collected: 9/6/2009 12:02:00 PM							Collected: 9/6/2009 10:41:00 AM						
Time Span: 1.75							Time Span: 1						
Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
EPA 160.4													
Volatile Suspended Solids	56.7			4.2	8.3	mg/L	124			5.6	11	mg/L	
KEROUEL & AMINOT 1997													
Ammonia Nitrogen	4.87			0.25	0.5	mg/L	4.13			0.25	0.5	mg/L	
SM2320-B													
Total Alkalinity	43.2			1	5	mg CaCO3/L	42.4			1	5	mg CaCO3/L	
SM2540-D													
Total Suspended Solids	108			4.2	8.3	mg/L	297			5.6	11	mg/L	
SM4110B CL													
Chloride	31.6			0.5	1	mg/L	43			0.5	1	mg/L	
SM4500-N-C													
Total Nitrogen	9.79			1.5	3	mg/L	12			1	2	mg/L	
SM4500-NO3-F													
Nitrite + Nitrate Nitrogen	0.747			0.05	0.2	mg/L	0.944			0.05	0.2	mg/L	
SM4500-P-B,F													
Total Phosphorus	1.77			0.15	0.3	mg/L	2.24			0.1	0.2	mg/L	
SM5220-D													
Chemical Oxygen Demand	155	H	J	5	10	mg/L	281	H	J	5	10	mg/L	
SM5310-B													
Dissolved Organic Carbon	15.8			5	10	mg/L	12.7			0.5	1	mg/L	
Total Organic Carbon	33.6			13	25	mg/L	54.5			10	20	mg/L	
EPA 200.8*SW846 6020A													
Arsenic, Dissolved, ICP-MS	1.73			0.1	0.5	ug/L	1.12			0.1	0.5	ug/L	
Arsenic, Total, ICP-MS	2.68			0.1	0.5	ug/L	3.71			0.1	0.5	ug/L	
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Cadmium, Total, ICP-MS	0.296			0.05	0.25	ug/L	0.447			0.05	0.25	ug/L	
Calcium, Dissolved, ICP-MS	7900		J	10	50	ug/L	6950		J	10	50	ug/L	
Calcium, Total, ICP-MS	9920			10	50	ug/L	12100			10	50	ug/L	
Chromium, Dissolved, ICP-MS	0.71	<RDL	J	0.2	1	ug/L	0.28	<RDL	J	0.2	1	ug/L	
Chromium, Total, ICP-MS	5.84			0.2	1	ug/L	13.3			0.2	1	ug/L	
Copper, Dissolved, ICP-MS	3.1			0.4	2	ug/L	1.6	<RDL	J	0.4	2	ug/L	
Copper, Total, ICP-MS	40			0.4	2	ug/L	65.6			0.4	2	ug/L	
Iron, Dissolved, ICP-MS	113		J	10	50	ug/L	79		J	10	50	ug/L	
Iron, Total, ICP-MS	2430			10	50	ug/L	5770			10	50	ug/L	
Lead, Dissolved, ICP-MS	0.49	<RDL	J	0.1	0.5	ug/L	0.23	<RDL	J	0.1	0.5	ug/L	
Lead, Total, ICP-MS	21			0.1	0.5	ug/L	52.5			0.1	0.5	ug/L	
Magnesium, Dissolved, ICP-MS	2770		J	10	50	ug/L	857		J	10	50	ug/L	
Magnesium, Total, ICP-MS	3750			10	50	ug/L	2800			10	50	ug/L	
Manganese, Dissolved, ICP-MS	35.5		J	0.1	0.5	ug/L	29.5		J	0.1	0.5	ug/L	
Manganese, Total, ICP-MS	78.6			0.1	0.5	ug/L	139			0.1	0.5	ug/L	
Nickel, Dissolved, ICP-MS	1.54			0.1	0.5	ug/L	0.771			0.1	0.5	ug/L	
Nickel, Total, ICP-MS	6.74			0.1	0.5	ug/L	11.8			0.1	0.5	ug/L	
Silver, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L	<MDL	U		0.05	0.25	ug/L	
Silver, Total, ICP-MS	0.23	<RDL	J	0.05	0.25	ug/L	0.18	<RDL	J	0.05	0.25	ug/L	

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Locator: CS030							Locator: S070167						
Description: HANFORD #2 CSO							Description: WEST MICHIGAN REGULATOR						
Sample: L49003-1							Sample: L49003-2						
Matrix: LG STORM WTR							Matrix: LG STORM WTR						
Collected: 9/6/2009 12:02:00 PM							Collected: 9/6/2009 10:41:00 AM						
Time Span: 1.75							Time Span: 1						
Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
Zinc, Dissolved, ICP-MS	13.7			0.5	2.5	ug/L	5.72			0.5	2.5	ug/L	
Zinc, Total, ICP-MS	140			0.5	2.5	ug/L	215			0.5	2.5	ug/L	
EPA 245.1*SW846 7470A													
Mercury, Dissolved, CVAA		<MDL	U	0.005	0.015	ug/L		<MDL	U	0.005	0.015	ug/L	
Mercury, Total, CVAA	0.0943	J	J	0.005	0.015	ug/L	0.0982	J	J	0.005	0.015	ug/L	
SW846 3520C*SW846 8081B													
4,4'-DDD		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
4,4'-DDE		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
4,4'-DDT		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Aldrin		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Alpha-BHC		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Alpha-Chlordane		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L	
Beta-BHC		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Chlordane		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L	
Delta-BHC		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Dieldrin		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Endosulfan I		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Endosulfan II		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Endosulfan Sulfate		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Endrin		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Endrin Aldehyde		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Gamma-BHC (Lindane)		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Gamma-Chlordane		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L	
Heptachlor		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Heptachlor Epoxide		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Methoxychlor		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L	
Toxaphene		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
SW846 3520C*SW846 8270D													
1,2,4-Trichlorobenzene	0.0631			0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
1,2-Dichlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
1,2-Diphenylhydrazine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
1,3-Dichlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
1,4-Dichlorobenzene	96.2			0.024	0.0472	ug/L	3.15			0.024	0.0472	ug/L	
2,4,5-Trichlorophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
2,4,6-Trichlorophenol		<MDL	UJ	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
2,4-Dichlorophenol		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	
2,4-Dimethylphenol		<MDL	UJ	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L	
2,4-Dinitrophenol		<MDL	U	0.24	0.943	ug/L		<MDL	U	0.24	0.943	ug/L	
2,4-Dinitrotoluene		<MDL	UJ	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
2,6-Dinitrotoluene		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
2-Chloronaphthalene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
2-Chlorophenol		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
2-Methylnaphthalene	0.0929			0.024	0.0472	ug/L	0.0737			0.024	0.0472	ug/L	
2-Methylphenol	0.168			0.024	0.0472	ug/L	0.488			0.024	0.0472	ug/L	

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Locator: CS030							Locator: S070167						
Description: HANFORD #2 CSO							Description: WEST MICHIGAN REGULATOR						
Sample: L49003-1							Sample: L49003-2						
Matrix: LG STORM WTR							Matrix: LG STORM WTR						
Collected: 9/6/2009 12:02:00 PM							Collected: 9/6/2009 10:41:00 AM						
Time Span: 1.75							Time Span: 1						
Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
2-Nitroaniline		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
2-Nitrophenol		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
3,3'-Dichlorobenzidine		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
3-Methylphenol		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	
3-Nitroaniline		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
4,6-Dinitro-O-Cresol		<MDL	U	0.24	0.943	ug/L		<MDL	U	0.24	0.943	ug/L	
4-Bromophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	
4-Chloro-3-Methylphenol		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L	
4-Chloroaniline		<MDL	UJ	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	
4-Chlorophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L	
4-Methylphenol	10.3			0.047	0.0943	ug/L	2.42			0.047	0.0943	ug/L	
4-Nitroaniline		<MDL	R	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
4-Nitrophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L	
Acenaphthene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	
Aniline		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Anthracene	0.0294			0.0094	0.0189	ug/L	0.0337			0.0094	0.0189	ug/L	
Benzo(a)anthracene	0.057			0.0094	0.0189	ug/L	0.0948			0.0094	0.0189	ug/L	
Benzo(a)pyrene		<MDL	U	0.0094	0.0189	ug/L	0.138			0.0094	0.0189	ug/L	
Benzo(b)fluoranthene		<MDL	U	0.0094	0.0189	ug/L	0.18			0.0094	0.0189	ug/L	
Benzo(g,h,i)perylene		<MDL	U	0.0094	0.0189	ug/L	0.0787			0.0094	0.0189	ug/L	
Benzo(k)fluoranthene		<MDL	U	0.0094	0.0189	ug/L	0.14			0.0094	0.0189	ug/L	
Benzoic Acid	7.28		J	0.24	0.472	ug/L	3.94			0.24	0.472	ug/L	
Benzyl Alcohol	2.24		J	0.094	0.189	ug/L	0.675			0.094	0.189	ug/L	
Benzyl Butyl Phthalate	0.733		J	0.047	0.0943	ug/L	0.364			0.047	0.0943	ug/L	
Bis(2-Chloroethoxy)Methane		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Bis(2-Chloroethyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Bis(2-Chloroisopropyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Bis(2-ethylhexyl)adipate	--	--	--	--	--	--	--	--	--	--	--	--	
Bis(2-Ethylhexyl)Phthalate	5.55		J	0.024	0.472	ug/L	5.24		J	0.024	0.472	ug/L	
Bisphenol A	--	--	--	--	--	--	--	--	--	--	--	--	
Caffeine	19.3		J	0.024	0.0472	ug/L	11.4			0.024	0.0472	ug/L	
Carbazole		<MDL	U	0.024	0.0472	ug/L		<MDL		0.024	0.0472	ug/L	
Chrysene	0.0799			0.0094	0.0189	ug/L	0.189			0.0094	0.0189	ug/L	
Coprostanol	23.5		J	0.47	0.943	ug/L	23.2			0.47	0.943	ug/L	
Dibenzo(a,h)anthracene		<MDL	U	0.0094	0.0189	ug/L	0.0297			0.0094	0.0189	ug/L	
Dibenzofuran		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Diethyl Phthalate	0.829			0.024	0.472	ug/L	1.27			0.024	0.472	ug/L	
Dimethyl Phthalate		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Di-N-Butyl Phthalate	0.207			0.024	0.0472	ug/L	0.121			0.024	0.0472	ug/L	
Di-N-Octyl Phthalate		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L	
Fluoranthene	0.0847		J	0.0094	0.0189	ug/L	0.194			0.0094	0.0189	ug/L	
Fluorene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L	

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Parameters	Locator: CS030						Locator: S070167					
	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Hexachlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Hexachlorobutadiene		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
Hexachlorocyclopentadiene		<MDL	UJ	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
Hexachloroethane		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
Indeno(1,2,3-Cd)Pyrene		<MDL	U	0.0094	0.0189	ug/L	0.0865			0.0094	0.0189	ug/L
Isophorone		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
Naphthalene	0.107			0.0094	0.0189	ug/L	0.0818			0.0094	0.0189	ug/L
Nitrobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
N-Nitrosodimethylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
N-Nitrosodi-N-Propylamine		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
N-Nitrosodiphenylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Pentachlorophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
Phenanthrene	0.147			0.0094	0.0236	ug/L	0.134			0.0094	0.0236	ug/L
Phenol	2.99			0.024	0.0472	ug/L	0.636			0.024	0.0472	ug/L
Pyrene	0.115			0.0094	0.0189	ug/L	0.238			0.0094	0.0189	ug/L
Pyridine		<MDL	UJ	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
Total 4-Nonylphenol	--	--	--	--	--	--	--	--	--	--	--	--

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 R = Rejected value
 J = Estimated Value
 U = not detected

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Locator: '063053									
							Description: BRANDON ST CSO	Sample: L49487-1	Matrix: LG STORM WTR	Collected: 10/26/2009 9:36:00 AM	Time Span: 2	Value	Lab Qual	Valid Qual	MDL	RDL
Project: 423589-090-1							Locator: KINGDOME REGULATOR									
							Description: KINGDOME REGULATOR									
							Sample: L49199-5									
							Matrix: LG STORM WTR									
							Collected: 10/16/2009 8:43:00 PM									
							Time Span: 1									
EPA 160.4																
Volatile Suspended Solids	49.3			3.3	6.7	mg/L	15			2.5	5	mg/L				
KEROUEL & AMINOT 1997																
Ammonia Nitrogen	0.659			0.05	0.1	mg/L	0.245			0.005	0.01	mg/L				
SM2320-B																
Total Alkalinity	23.8			1	5	mg CaCO3/L	13.3			1	5	mg CaCO3/L				
SM2540-D																
Total Suspended Solids	99.3			3.3	6.7	mg/L	61.5			2.5	5	mg/L				
SM4110B CL																
Chloride	11.4			0.5	1	mg/L	1.25			0.05	0.1	mg/L				
SM4500-N-C																
Total Nitrogen	4.98			0.25	0.5	mg/L	1.08			0.05	0.1	mg/L				
SM4500-NO3-F																
Nitrite + Nitrate Nitrogen	0.189			0.01	0.04	mg/L	0.0937			0.01	0.04	mg/L				
SM4500-P-B,F																
Total Phosphorus	1.15			0.15	0.3	mg/L	0.192			0.005	0.01	mg/L				
SM5220-D																
Chemical Oxygen Demand	123			5	10	mg/L	28			5	10	mg/L				
SM5310-B																
Dissolved Organic Carbon	22.2			0.5	1	mg/L	4.3			0.5	1	mg/L				
Total Organic Carbon	38.9			5	10	mg/L	12.9			1.5	3	mg/L				
EPA 200.8*SW846 6020A																
Arsenic, Dissolved, ICP-MS	0.976		J	0.1	0.5	ug/L	0.45	<RDL	J	0.1	0.5	ug/L				
Arsenic, Total, ICP-MS	1.85		J	0.1	0.5	ug/L	1.24			0.1	0.5	ug/L				
Cadmium, Dissolved, ICP-MS	0.1	<RDL	J	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L				
Cadmium, Total, ICP-MS	0.337		J	0.05	0.25	ug/L	0.25	<RDL	J	0.05	0.25	ug/L				
Calcium, Dissolved, ICP-MS	6980		J	10	50	ug/L	3000		J	10	50	ug/L				
Calcium, Total, ICP-MS	7840		J	10	50	ug/L	4610			10	50	ug/L				
Chromium, Dissolved, ICP-MS	0.62	<RDL	J	0.2	1	ug/L	0.67	<RDL	J	0.2	1	ug/L				
Chromium, Total, ICP-MS	6.31		J	0.2	1	ug/L	5.47			0.2	1	ug/L				
Copper, Dissolved, ICP-MS	5.71		J	0.4	2	ug/L	4.58		J	0.4	2	ug/L				
Copper, Total, ICP-MS	42.9		J	0.4	2	ug/L	24.9			0.4	2	ug/L				
Iron, Dissolved, ICP-MS	46	<RDL	J	10	50	ug/L	45	<RDL	J	10	50	ug/L				
Iron, Total, ICP-MS	2690		J	10	50	ug/L	2310			10	50	ug/L				
Lead, Dissolved, ICP-MS	0.33	<RDL	J	0.1	0.5	ug/L	0.4	<RDL	J	0.1	0.5	ug/L				
Lead, Total, ICP-MS	19.5		J	0.1	0.5	ug/L	14			0.1	0.5	ug/L				
Magnesium, Dissolved, ICP-MS	1130		J	10	50	ug/L	196		J	10	50	ug/L				
Magnesium, Total, ICP-MS	1810		J	10	50	ug/L	845			10	50	ug/L				
Manganese, Dissolved, ICP-MS	18.4		J	0.1	0.5	ug/L	5.69		J	0.1	0.5	ug/L				
Manganese, Total, ICP-MS	51.3		J	0.1	0.5	ug/L	49.3			0.1	0.5	ug/L				
Nickel, Dissolved, ICP-MS	2.7		J	0.1	0.5	ug/L	3.19		J	0.1	0.5	ug/L				
Nickel, Total, ICP-MS	7.05		J	0.1	0.5	ug/L	8.2			0.1	0.5	ug/L				
Silver, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L				
Silver, Total, ICP-MS	0.2	<RDL	J	0.05	0.25	ug/L	0.12	<RDL	J	0.05	0.25	ug/L				

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Locator: KINGDOME REGULATOR Description: KINGDOME REGULATOR Sample: L49199-5 Matrix: LG STORM WTR Collected: 10/16/2009 8:43:00 PM Time Span: 1							Locator: '063053 Description: BRANDON ST CSO Sample: L49487-1 Matrix: LG STORM WTR Collected: 10/26/2009 9:36:00 AM Time Span: 2						
Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	
Zinc, Dissolved, ICP-MS	34		J	0.5	2.5	ug/L	20.9		J	0.5	2.5	ug/L	
Zinc, Total, ICP-MS	134		J	0.5	2.5	ug/L	100			0.5	2.5	ug/L	
EPA 245.1*SW846 7470A													
Mercury, Dissolved, CVAA		<MDL	UJ	0.005	0.015	ug/L		<MDL	U	0.005	0.015	ug/L	
Mercury, Total, CVAA	0.0514			0.005	0.015	ug/L	0.017			0.005	0.015	ug/L	
SW846 3520C*SW846 8081B													
4,4'-DDD	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
4,4'-DDE	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
4,4'-DDT	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Aldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Alpha-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Alpha-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	ug/L	
Beta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	ug/L	
Delta-BHC	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Dieldrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Endosulfan I	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Endosulfan II	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Endosulfan Sulfate	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Endrin	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Endrin Aldehyde	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Gamma-BHC (Lindane)	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Gamma-Chlordane	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	ug/L	
Heptachlor	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Heptachlor Epoxide	--	--	--	--	--	--	<MDL	U	0.024	0.0472	ug/L	ug/L	
Methoxychlor	--	--	--	--	--	--	<MDL	U	0.12	0.236	ug/L	ug/L	
Toxaphene	--	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L	ug/L	
SW846 3520C*SW846 8270D													
1,2,4-Trichlorobenzene	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
1,2-Dichlorobenzene	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
1,2-Diphenylhydrazine	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
1,3-Dichlorobenzene	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
1,4-Dichlorobenzene		<MDL	UJ	0.0047	0.0094	ug/L	0.174		J	0.024	0.0472	ug/L	
2,4,5-Trichlorophenol	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	ug/L	
2,4,6-Trichlorophenol	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	ug/L	
2,4-Dichlorophenol	--	--	--	--	--	--	<MDL	UJ	0.047	0.0943	ug/L	ug/L	
2,4-Dimethylphenol	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
2,4-Dinitrophenol	--	--	--	--	--	--	<MDL	UJ	0.24	0.943	ug/L	ug/L	
2,4-Dinitrotoluene	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	ug/L	
2,6-Dinitrotoluene	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	ug/L	
2-Chloronaphthalene	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
2-Chlorophenol	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	
2-Methylnaphthalene		<MDL	UJ	0.0094	0.0189	ug/L	0.028	<RDL	J	0.024	0.0472	ug/L	
2-Methylphenol	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	ug/L	

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Locator: '063053					
							Description: BRANDON ST CSO	Sample: L49487-1	Matrix: LG STORM WTR	Collected: 10/26/2009 9:36:00 AM	Time Span: 2	Value
2-Nitroaniline	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	
2-Nitrophenol	--	--	--	--	--	--	<MDL	UJ	0.094	0.189	ug/L	
3,3'-Dichlorobenzidine	--	--	--	--	--	--	<MDL	UJ	0.094	0.189	ug/L	
3-Methylphenol	--	--	--	--	--	--	<MDL	UJ	0.047	0.0943	ug/L	
3-Nitroaniline	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	
4,6-Dinitro-O-Cresol	--	--	--	--	--	--	<MDL	UJ	0.24	0.943	ug/L	
4-Bromophenyl Phenyl Ether	--	--	--	--	--	--	<MDL	UJ	0.047	0.0943	ug/L	
4-Chloro-3-Methylphenol	--	--	--	--	--	--	<MDL	UJ	0.094	0.189	ug/L	
4-Chloroaniline	--	--	--	--	--	--	<MDL	UJ	0.047	0.0943	ug/L	
4-Chlorophenyl Phenyl Ether	--	--	--	--	--	--	<MDL	UJ	0.047	0.0943	ug/L	
4-Methylphenol	<MDL	UJ	0.047	0.0943	ug/L	0.332	J	0.047	0.0943	ug/L		
4-Nitroaniline	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	
4-Nitrophenol	--	--	--	--	--	--	<MDL	UJ	0.24	0.472	ug/L	
Acenaphthene	<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L	
Acenaphthylene	<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L	
Aniline	--	--	--	--	--	--	<MDL	UJ	0.024	0.0472	ug/L	
Anthracene	0.0747		J	0.0094	0.0189	ug/L	<MDL	UJ	0.0094	0.0189	ug/L	
Benzo(a)anthracene	0.0555		J	0.0094	0.0189	ug/L	0.0573	J	0.0094	0.0189	ug/L	
Benzo(a)pyrene		<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.111		J	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Benzo(g,h,i)perylene		<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.0607		J	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Benzoic Acid	--	--	--	--	--	--	8.8	J	0.24	0.472	ug/L	
Benzyl Alcohol	27.5		J	0.047	0.0943	ug/L		<MDL	UJ	0.094	0.189	ug/L
Benzyl Butyl Phthalate	1.41		J	0.047	0.0943	ug/L	1.04	J	0.047	0.0943	ug/L	
Bis(2-Chloroethoxy)Methane	--	--	--	--	--	--		<MDL	UJ	0.024	0.0472	ug/L
Bis(2-Chloroethyl)Ether	--	--	--	--	--	--		<MDL	UJ	0.024	0.0472	ug/L
Bis(2-Chloroisopropyl)Ether	--	--	--	--	--	--		<MDL	UJ	0.024	0.0472	ug/L
Bis(2-ethylhexyl)adipate		<MDL	UJ	0.047	0.0943	ug/L	--	--	--	--	--	
Bis(2-Ethylhexyl)Phthalate	3.31		J	0.024	0.0472	ug/L	2.98	B	UJ	0.024	0.472	ug/L
Bisphenol A		<MDL	UJ	0.12	0.236	ug/L	--	--	--	--	--	
Caffeine	5.13		J	0.0094	0.0189	ug/L	2.68	J	0.024	0.0472	ug/L	
Carbazole		<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Chrysene	0.0984		J	0.0094	0.0189	ug/L	0.102	J	0.0094	0.0189	ug/L	
Coprostanol	--	--	--	--	--	--		<MDL	UJ	0.47	0.943	ug/L
Dibenzo(a,h)anthracene		<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Dibenzofuran		<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Diethyl Phthalate	0.325		J	0.024	0.0472	ug/L	0.601	J	0.024	0.472	ug/L	
Dimethyl Phthalate	4.54		J	0.024	0.0472	ug/L	0.35	J	0.024	0.0472	ug/L	
Di-N-Butyl Phthalate	0.345		J	0.024	0.0472	ug/L	0.242	J	0.024	0.0472	ug/L	
Di-N-Octyl Phthalate		<MDL	UJ	0.024	0.0472	ug/L	1.35	J	0.024	0.0472	ug/L	
Fluoranthene		<MDL	UJ	0.0094	0.0189	ug/L	0.05	J	0.0094	0.0189	ug/L	
Fluorene		<MDL	UJ	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L

Table C-9. CSO and CSO-like Composite Sample Results for Samples Collected in September and October 2009.

King County Environmental Lab Analytical Report

Parameters	Value	Lab	Valid	MDL	RDL	Units	Value	Lab	Valid	MDL	RDL	Units
		Qual	Qual					Qual	Qual			
Hexachlorobenzene	--	--	--	--	--	--	<MDL	UJ		0.024	0.0472	ug/L
Hexachlorobutadiene	--	--	--	--	--	--	<MDL	UJ		0.047	0.0943	ug/L
Hexachlorocyclopentadiene	--	--	--	--	--	--	<MDL	UJ		0.24	0.472	ug/L
Hexachloroethane	--	--	--	--	--	--	<MDL	UJ		0.047	0.0943	ug/L
Indeno(1,2,3-Cd)Pyrene		<MDL	UJ	0.0094	0.0189	ug/L	<MDL	UJ		0.0094	0.0189	ug/L
Isophorone	--	--	--	--	--	--	<MDL	UJ		0.047	0.0943	ug/L
Naphthalene	0.397		J	0.0094	0.0189	ug/L	0.0292	J		0.0094	0.0189	ug/L
Nitrobenzene	--	--	--	--	--	--	<MDL	UJ		0.024	0.0472	ug/L
N-Nitrosodimethylamine	--	--	--	--	--	--	<MDL	UJ		0.024	0.0472	ug/L
N-Nitrosodi-N-Propylamine	--	--	--	--	--	--	<MDL	UJ		0.047	0.0943	ug/L
N-Nitrosodiphenylamine	--	--	--	--	--	--	<MDL	UJ		0.024	0.0472	ug/L
Pentachlorophenol		<MDL	UJ	0.094	0.189	ug/L	<MDL	UJ		0.24	0.472	ug/L
Phenanthrene	0.231		J	0.0094	0.0189	ug/L	0.0927	J		0.0094	0.0236	ug/L
Phenol	6.25		J	0.047	0.0943	ug/L	0.974	J		0.024	0.0472	ug/L
Pyrene	0.171		J	0.0094	0.0189	ug/L	0.103	J		0.0094	0.0189	ug/L
Pyridine	--	--	--	--	--	--	<MDL	UJ		0.047	0.0943	ug/L
Total 4-Nonylphenol		<MDL	UJ	0.047	0.0943	ug/L	--	--		--	--	--

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 R = Rejected value
 J = Estimated Value
 U = not detected

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: S070167 Description: WEST MICHIGAN REGULATOR Sample: L49416-2 Matrix: LG STORM WTR Collected: 10/29/2009 4:37:00 AM Time Span: 2 Project: 423589-090-1							Locator: CS030 Description: HANFORD #2 CSO Sample: L49556-3 Matrix: LG STORM WTR Collected: 11/6/2009 3:38:00 AM Time Span: 2					
Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
EPA 160.4												
Volatile Suspended Solids	67.9			4.7	9.4	mg/L	30.7			3.3	6.7	mg/L
SM2320-B												
Total Alkalinity	75.6			1	5	mg CaCO3/L	59.8			1	5	mg CaCO3/L
SM2540-D												
Total Suspended Solids	102			4.7	9.4	mg/L	94.7			3.3	6.7	mg/L
SM4110B CL												
Chloride	11.3			0.25	0.5	mg/L	43.8			1.3	2.5	mg/L
SM4500-N-C												
Total Nitrogen	17.2			0.5	1	mg/L	8.7			0.25	0.5	mg/L
SM4500-NH3-G												
Ammonia Nitrogen	11.4			0.5	1	mg/L	6.18			0.5	1	mg/L
SM4500-NO3-F												
Nitrite + Nitrate Nitrogen	0.9			0.01	0.04	mg/L	0.734			0.02	0.08	mg/L
SM4500-P-B,F												
Total Phosphorus	2.47			0.05	0.1	mg/L	1.24			0.025	0.05	mg/L
SM5220-D												
Chemical Oxygen Demand	118			10	20	mg/L	84.5			5	10	mg/L
SM5310-B												
Dissolved Organic Carbon	11.2			0.5	1	mg/L	13			2.5	5	mg/L
Total Organic Carbon	46.2			2.5	5	mg/L	25.9			5	10	mg/L
EPA 200.8*SW846 6020A												
Arsenic, Dissolved, ICP-MS	0.884		J	0.1	0.5	ug/L	1.5		J	0.1	0.5	ug/L
Arsenic, Total, ICP-MS	1.3			0.1	0.5	ug/L	2.25			0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS	<MDL		UJ	0.05	0.25	ug/L	<MDL		UJ	0.05	0.25	ug/L
Cadmium, Total, ICP-MS	0.13		<RDL	0.05	0.25	ug/L	0.275			0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	9490		J	10	50	ug/L	11400		J	10	50	ug/L
Calcium, Total, ICP-MS	11000			10	50	ug/L	13500			10	50	ug/L
Chromium, Dissolved, ICP-MS	0.37		<RDL	0.2	1	ug/L	0.44		<RDL	0.2	1	ug/L
Chromium, Total, ICP-MS	3.31			0.2	1	ug/L	5.77			0.2	1	ug/L
Copper, Dissolved, ICP-MS	2.46		J	0.4	2	ug/L	3.64		J	0.4	2	ug/L
Copper, Total, ICP-MS	17.4			0.4	2	ug/L	28.6			0.4	2	ug/L
Iron, Dissolved, ICP-MS	47		<RDL	10	50	ug/L	132		J	10	50	ug/L
Iron, Total, ICP-MS	1520			10	50	ug/L	3290			10	50	ug/L
Lead, Dissolved, ICP-MS	0.27		<RDL	0.1	0.5	ug/L	0.592		J	0.1	0.5	ug/L
Lead, Total, ICP-MS	12			0.1	0.5	ug/L	19.3			0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	2110		J	10	50	ug/L	4170		J	10	50	ug/L
Magnesium, Total, ICP-MS	2430			10	50	ug/L	4840			10	50	ug/L
Manganese, Dissolved, ICP-MS	27		J	0.1	0.5	ug/L	52.3		J	0.1	0.5	ug/L
Manganese, Total, ICP-MS	54			0.1	0.5	ug/L	133			0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	0.972		J	0.1	0.5	ug/L	1.6		J	0.1	0.5	ug/L
Nickel, Total, ICP-MS	3.59			0.1	0.5	ug/L	7.35			0.1	0.5	ug/L
Silver, Dissolved, ICP-MS	<MDL		UJ	0.05	0.25	ug/L	<MDL		UJ	0.05	0.25	ug/L
Silver, Total, ICP-MS	0.051		<RDL	0.05	0.25	ug/L	0.085		<RDL	0.05	0.25	ug/L

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: S070167
 Description: WEST MICHIGAN REGULATOR
 Sample: L49416-2
 Matrix: LG STORM WTR
 Collected: 10/29/2009 4:37:00 AM
 Time Span: 2

Project: 423589-090-1

Locator: CS030
 Description: HANFORD #2 CSO
 Sample: L49556-3
 Matrix: LG STORM WTR
 Collected: 11/6/2009 3:38:00 AM
 Time Span: 2

Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Zinc, Dissolved, ICP-MS	7.55		J	0.5	2.5	ug/L	25.1		J	0.5	2.5	ug/L
Zinc, Total, ICP-MS	63.4			0.5	2.5	ug/L	135			0.5	2.5	ug/L
245.1*SW846 7470A												
Mercury, Dissolved, CVAA	<MDL		U	0.005	0.015	ug/L	<MDL		U	0.005	0.015	ug/L
Mercury, Total, CVAA	0.0278			0.005	0.015	ug/L	0.0638			0.005	0.015	ug/L
SW846 3520C*SW846 8081B												
4,4'-DDD	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
4,4'-DDE	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
4,4'-DDT	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Aldrin	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Alpha-BHC	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Alpha-Chlordane	<MDL		R	0.12	0.236	ug/L	<MDL		UJ	0.12	0.236	ug/L
Beta-BHC	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Chlordane	<MDL		R	0.12	0.236	ug/L	<MDL		UJ	0.12	0.236	ug/L
Delta-BHC	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Dieldrin	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Endosulfan I	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Endosulfan II	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Endosulfan Sulfate	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Endrin	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Endrin Aldehyde	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Gamma-BHC (Lindane)	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Gamma-Chlordane	<MDL		R	0.12	0.236	ug/L	<MDL		UJ	0.12	0.236	ug/L
Heptachlor	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Heptachlor Epoxide	<MDL		R	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
Methoxychlor	<MDL		R	0.12	0.236	ug/L	<MDL		UJ	0.12	0.236	ug/L
Toxaphene	<MDL		R	0.24	0.472	ug/L	<MDL		UJ	0.24	0.472	ug/L
SW846 3520C*SW846 8270D												
1,2,4-Trichlorobenzene	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
1,2-Dichlorobenzene	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
1,2-Diphenylhydrazine	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
1,3-Dichlorobenzene	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
1,4-Dichlorobenzene	0.266			0.024	0.0472	ug/L	87		J	0.024	0.0472	ug/L
2,4,5-Trichlorophenol	<MDL		U	0.24	0.472	ug/L	<MDL		UJ	0.24	0.472	ug/L
2,4,6-Trichlorophenol	<MDL		U	0.24	0.472	ug/L	<MDL		UJ	0.24	0.472	ug/L
2,4-Dichlorophenol	0.174			0.047	0.0943	ug/L	0.175		J	0.047	0.0943	ug/L
2,4-Dimethylphenol	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
2,4-Dinitrophenol	<MDL		U	0.24	0.943	ug/L	<MDL		UJ	0.24	0.943	ug/L
2,4-Dinitrotoluene	<MDL		U	0.24	0.472	ug/L	<MDL		UJ	0.24	0.472	ug/L
2,6-Dinitrotoluene	<MDL		U	0.24	0.472	ug/L	<MDL		UJ	0.24	0.472	ug/L
2-Chloronaphthalene	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
2-Chlorophenol	<MDL		U	0.024	0.0472	ug/L	<MDL		UJ	0.024	0.0472	ug/L
2-Methylnaphthalene	0.0678			0.024	0.0472	ug/L	0.22		J	0.024	0.0472	ug/L
2-Methylphenol	<MDL		UJ	0.024	0.0472	ug/L	2.07		J	0.024	0.0472	ug/L

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: S070167
 Description: WEST MICHIGAN REGULATOR
 Sample: L49416-2
 Matrix: LG STORM WTR
 Collected: 10/29/2009 4:37:00 AM
 Time Span: 2

Project: 423589-090-1

Locator: CS030
 Description: HANFORD #2 CSO
 Sample: L49556-3
 Matrix: LG STORM WTR
 Collected: 11/6/2009 3:38:00 AM
 Time Span: 2

Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
2-Nitroaniline		<MDL	UJ	0.24	0.472	ug/L		<MDL	UJ	0.24	0.472	ug/L
2-Nitrophenol		<MDL	U	0.094	0.189	ug/L		<MDL	UJ	0.094	0.189	ug/L
3,3'-Dichlorobenzidine		<MDL	R	0.094	0.189	ug/L		<MDL	UJ	0.094	0.189	ug/L
3-Methylphenol		<MDL	UJ	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
3-Nitroaniline		<MDL	U	0.24	0.472	ug/L		<MDL	UJ	0.24	0.472	ug/L
4,6-Dinitro-O-Cresol		<MDL	U	0.24	0.943	ug/L		<MDL	UJ	0.24	0.943	ug/L
4-Bromophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
4-Chloro-3-Methylphenol		<MDL	U	0.094	0.189	ug/L		<MDL	UJ	0.094	0.189	ug/L
4-Chloroaniline		<MDL	R	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
4-Chlorophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
4-Methylphenol	0.509		J	0.047	0.0943	ug/L	1.54		J	0.047	0.0943	ug/L
4-Nitroaniline		<MDL	R	0.24	0.472	ug/L		<MDL	UJ	0.24	0.472	ug/L
4-Nitrophenol		<MDL	UJ	0.24	0.472	ug/L		<MDL	UJ	0.24	0.472	ug/L
Acenaphthene		<MDL	U	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Aniline		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Benzo(a)anthracene	0.0329			0.0094	0.0189	ug/L	0.0816		J	0.0094	0.0189	ug/L
Benzo(a)pyrene		<MDL	U	0.0094	0.0189	ug/L	0.0748		J	0.0094	0.0189	ug/L
Benzo(b)fluoranthene		<MDL	U	0.0094	0.0189	ug/L	0.117		J	0.0094	0.0189	ug/L
Benzo(g,h,i)perylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Benzo(k)fluoranthene		<MDL	U	0.0094	0.0189	ug/L	0.0898		J	0.0094	0.0189	ug/L
Benzoic Acid	4.14			0.24	0.472	ug/L	6.88		J	0.24	0.472	ug/L
Benzyl Alcohol		<MDL	UJ	0.094	0.189	ug/L		<MDL	UJ	0.094	0.189	ug/L
Benzyl Butyl Phthalate	0.393			0.047	0.0943	ug/L	0.652		J	0.047	0.0943	ug/L
Bis(2-Chloroethoxy)Methane		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Bis(2-Chloroethyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Bis(2-Chloroisopropyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Bis(2-Ethylhexyl)Phthalate	1.64	B	U	0.024	0.472	ug/L	3.95	B2	UJ	0.024	0.472	ug/L
Caffeine	13		J	0.024	0.0472	ug/L	8.21		J	0.024	0.0472	ug/L
Carbazole		<MDL	UJ	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Chrysene	0.0359			0.0094	0.0189	ug/L	0.139		J	0.0094	0.0189	ug/L
Coprostanol	86.8			0.47	0.943	ug/L	82.5		J	0.47	0.943	ug/L
Di-N-Butyl Phthalate		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Di-N-Octyl Phthalate		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Dibenzo(a,h)anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Dibenzofuran		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Diethyl Phthalate	0.664			0.024	0.472	ug/L	0.564		J	0.024	0.472	ug/L
Dimethyl Phthalate		<MDL	U	0.024	0.0472	ug/L	0.286		J	0.024	0.0472	ug/L
Fluoranthene	0.0233			0.0094	0.0189	ug/L	0.133		J	0.0094	0.0189	ug/L
Fluorene		<MDL	U	0.0094	0.0189	ug/L	0.0935		J	0.0094	0.0189	ug/L
Hexachlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Hexachlorobutadiene		<MDL	U	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: S070167
 Description: WEST MICHIGAN REGULATOR
 Sample: L49416-2
 Matrix: LG STORM WTR
 Collected: 10/29/2009 4:37:00 AM
 Time Span: 2

Project: 423589-090-1

Locator: CS030
 Description: HANFORD #2 CSO
 Sample: L49556-3
 Matrix: LG STORM WTR
 Collected: 11/6/2009 3:38:00 AM
 Time Span: 2

Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Hexachlorocyclopentadiene		<MDL	R	0.24	0.472	ug/L		<MDL	R	0.24	0.472	ug/L
Hexachloroethane		<MDL	U	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
Indeno(1,2,3-Cd)Pyrene		<MDL	U	0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Isophorone		<MDL	U	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
N-Nitrosodi-N-Propylamine		<MDL	U	0.047	0.0943	ug/L		<MDL	UJ	0.047	0.0943	ug/L
N-Nitrosodimethylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
N-Nitrosodiphenylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Naphthalene	0.046			0.0094	0.0189	ug/L		<MDL	UJ	0.0094	0.0189	ug/L
Nitrobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	UJ	0.024	0.0472	ug/L
Pentachlorophenol		<MDL	U	0.24	0.472	ug/L		<MDL	UJ	0.24	0.472	ug/L
Phenanthrene	0.0544			0.0094	0.0236	ug/L	0.243		J	0.0094	0.0236	ug/L
Phenol	1.38			0.024	0.0472	ug/L	2.59		J	0.024	0.0472	ug/L
Pyrene	0.042			0.0094	0.0189	ug/L	0.278		J	0.0094	0.0189	ug/L
Pyridine		<MDL	R	0.047	0.0943	ug/L		<MDL	R	0.047	0.0943	ug/L

Valid Qual = Validation qualifier

MDL = Method Detection Limit

RDL = Reporting Detection Limit

B = Detected in Method Blank

R = Rejected value

J = Estimated Value

U = not detected

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: CS030 Description: HANFORD #2 CSO Sample: L49832-1 Matrix: LG STORM WTR Collected: 12/21/2009 9:04:00 AM Time Span: 1.5							Locator: '063053 Description: BRANDON ST CSO Sample: L49844-1 Matrix: LG STORM WTR Collected: 1/4/2010 9:17:00 AM Time Span: 1.1					
Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
EPA 160.4												
Volatile Suspended Solids	23			2.5	5	mg/L	28			2	4	mg/L
SM2320-B												
Total Alkalinity	70.7			1	5	mg CaCO3/L	14.5			1	5	mg CaCO3/L
SM2540-D												
Total Suspended Solids	46			2.5	5	mg/L	90			2	4	mg/L
SM4110B CL												
Chloride	26.1			0.5	1	mg/L	36.6			0.25	0.5	mg/L
SM4500-N-C												
Total Nitrogen	7.24			0.5	1	mg/L	1.67			0.05	0.1	mg/L
SM4500-NH3-G												
Ammonia Nitrogen	4.87			0.5	1	mg/L	0.27			0.01	0.02	mg/L
SM4500-NO3-F												
Nitrite + Nitrate Nitrogen	0.622			0.1	0.4	mg/L	0.124			0.01	0.04	mg/L
SM4500-P-B,F												
Total Phosphorus	0.952			0.05	0.1	mg/L	0.351			0.025	0.05	mg/L
SM5220-D												
Chemical Oxygen Demand	48.9			5	10	mg/L	45			5	10	mg/L
SM5310-B												
Dissolved Organic Carbon	5.93			2.5	5	mg/L	3.57			0.5	1	mg/L
Total Organic Carbon	17.4			5	10	mg/L	17.4			2.5	5	mg/L
EPA 200.8*SW846 6020A												
Arsenic, Dissolved, ICP-MS	1.45		J	0.1	0.5	ug/L	0.642		J	0.1	0.5	ug/L
Arsenic, Total, ICP-MS	2.04		J	0.1	0.5	ug/L	1.64		J	0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L	0.059	<RDL	J	0.05	0.25	ug/L
Cadmium, Total, ICP-MS	0.13	<RDL	J	0.05	0.25	ug/L	0.411		J	0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	14400		J	10	50	ug/L	4930		J	10	50	ug/L
Calcium, Total, ICP-MS	14000		J	10	50	ug/L	5770		J	10	50	ug/L
Chromium, Dissolved, ICP-MS	0.42	<RDL	J	0.2	1	ug/L	0.71	<RDL	J	0.2	1	ug/L
Chromium, Total, ICP-MS	2.61		J	0.2	1	ug/L	6.64		J	0.2	1	ug/L
Copper, Dissolved, ICP-MS	2.79		J	0.4	2	ug/L	3.67		J	0.4	2	ug/L
Copper, Total, ICP-MS	16.4		J	0.4	2	ug/L	27.5		J	0.4	2	ug/L
Iron, Dissolved, ICP-MS	165		J	10	50	ug/L	50	<RDL	J	10	50	ug/L
Iron, Total, ICP-MS	1560		J	10	50	ug/L	2760		J	10	50	ug/L
Lead, Dissolved, ICP-MS	0.41	<RDL	J	0.1	0.5	ug/L	0.28	<RDL	J	0.1	0.5	ug/L
Lead, Total, ICP-MS	6.69		J	0.1	0.5	ug/L	14.9		J	0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	5500		J	10	50	ug/L	2450		J	10	50	ug/L
Magnesium, Total, ICP-MS	5240		J	10	50	ug/L	2940		J	10	50	ug/L
Manganese, Dissolved, ICP-MS	85.6		J	0.1	0.5	ug/L	11.1		J	0.1	0.5	ug/L
Manganese, Total, ICP-MS	113		J	0.1	0.5	ug/L	53.7		J	0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	1.87		J	0.1	0.5	ug/L	2.83		J	0.1	0.5	ug/L
Nickel, Total, ICP-MS	4.37		J	0.1	0.5	ug/L	9.79		J	0.1	0.5	ug/L
Silver, Dissolved, ICP-MS		<MDL	UJ	0.05	0.25	ug/L		<MDL	UJ	0.05	0.25	ug/L
Silver, Total, ICP-MS		<MDL	UJ	0.05	0.25	ug/L	0.14	<RDL	J	0.05	0.25	ug/L

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: CS030
 Description: HANFORD #2 CSO
 Sample: L49832-1
 Matrix: LG STORM WTR
 Collected: 12/21/2009 9:04:00 AM
 Time Span: 1.5

Project: 423589-090-1

Locator: '063053
 Description: BRANDON ST CSO
 Sample: L49844-1
 Matrix: LG STORM WTR
 Collected: 1/4/2010 9:17:00 AM
 Time Span: 1.1

Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Zinc, Dissolved, ICP-MS	12.9		J	0.5	2.5	ug/L	29.7		J	0.5	2.5	ug/L
Zinc, Total, ICP-MS	73.1		J	0.5	2.5	ug/L	124		J	0.5	2.5	ug/L
245.1*SW846 7470A												
Mercury, Dissolved, CVAA		<MDL	U	0.005	0.015	ug/L		<MDL	U	0.005	0.015	ug/L
Mercury, Total, CVAA		<MDL	U	0.005	0.015	ug/L		<MDL	U	0.005	0.015	ug/L
SW846 3520C*SW846 8081B												
4,4'-DDD		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
4,4'-DDE		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
4,4'-DDT		<MDL	UJ	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Aldrin		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Alpha-BHC		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Alpha-Chlordane		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L
Beta-BHC		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Chlordane		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L
Delta-BHC		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Dieldrin		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Endosulfan I		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Endosulfan II		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Endosulfan Sulfate		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Endrin		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Endrin Aldehyde		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Gamma-BHC (Lindane)		<MDL	UJ	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Gamma-Chlordane		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L
Heptachlor		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Heptachlor Epoxide		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Methoxychlor		<MDL	U	0.12	0.236	ug/L		<MDL	U	0.12	0.236	ug/L
Toxaphene		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
SW846 3520C*SW846 8270D												
1,2,4-Trichlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
1,2-Dichlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
1,2-Diphenylhydrazine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
1,3-Dichlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
1,4-Dichlorobenzene	103			0.024	0.0472	ug/L	0.115			0.024	0.0472	ug/L
2,4,5-Trichlorophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
2,4,6-Trichlorophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
2,4-Dichlorophenol	0.149			0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
2,4-Dimethylphenol		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
2,4-Dinitrophenol		<MDL	U	0.24	0.943	ug/L		<MDL	U	0.24	0.943	ug/L
2,4-Dinitrotoluene		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
2,6-Dinitrotoluene		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
2-Chloronaphthalene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
2-Chlorophenol		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
2-Methylnaphthalene	0.662		J	0.024	0.0472	ug/L	0.0568			0.024	0.0472	ug/L
2-Methylphenol		<MDL	U	0.024	0.0472	ug/L	0.0627		J	0.024	0.0472	ug/L

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: CS030
 Description: HANFORD #2 CSO
 Sample: L49832-1
 Matrix: LG STORM WTR
 Collected: 12/21/2009 9:04:00 AM
 Time Span: 1.5

Project: 423589-090-1

Locator: '063053
 Description: BRANDON ST CSO
 Sample: L49844-1
 Matrix: LG STORM WTR
 Collected: 1/4/2010 9:17:00 AM
 Time Span: 1.1

Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
2-Nitroaniline		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
2-Nitrophenol		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L
3,3'-Dichlorobenzidine		<MDL	UJ	0.094	0.189	ug/L		<MDL	R	0.094	0.189	ug/L
3-Methylphenol		<MDL	R	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
3-Nitroaniline		<MDL	R	0.24	0.472	ug/L		<MDL	R	0.24	0.472	ug/L
4,6-Dinitro-O-Cresol		<MDL	U	0.24	0.943	ug/L		<MDL	U	0.24	0.943	ug/L
4-Bromophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
4-Chloro-3-Methylphenol		<MDL	U	0.094	0.189	ug/L		<MDL	U	0.094	0.189	ug/L
4-Chloroaniline		<MDL	R	0.047	0.0943	ug/L		<MDL	R	0.047	0.0943	ug/L
4-Chlorophenyl Phenyl Ether		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
4-Methylphenol	18.2		J	0.047	0.0943	ug/L	0.612			0.047	0.0943	ug/L
4-Nitroaniline		<MDL	R	0.24	0.472	ug/L		<MDL	R	0.24	0.472	ug/L
4-Nitrophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
Acenaphthene	0.0931			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Acenaphthylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Aniline		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Anthracene	0.0203			0.0094	0.0189	ug/L	0.018	<RDL		0.0094	0.0189	ug/L
Benzo(a)anthracene	0.0317			0.0094	0.0189	ug/L	0.0664			0.0094	0.0189	ug/L
Benzo(a)pyrene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(b)fluoranthene	0.0392			0.0094	0.0189	ug/L	0.107			0.0094	0.0189	ug/L
Benzo(g,h,i)perylene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Benzo(k)fluoranthene	0.0377			0.0094	0.0189	ug/L	0.0845			0.0094	0.0189	ug/L
Benzoic Acid	18		J	0.24	0.472	ug/L	2.92			0.24	0.472	ug/L
Benzyl Alcohol		<MDL	R	0.094	0.189	ug/L	0.615			0.094	0.189	ug/L
Benzyl Butyl Phthalate	0.647			0.047	0.0943	ug/L	0.588			0.047	0.0943	ug/L
Bis(2-Chloroethoxy)Methane		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Bis(2-Chloroethyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Bis(2-Chloroisopropyl)Ether		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Bis(2-Ethylhexyl)Phthalate	41.5		J	0.024	0.472	ug/L	3.3	B	U	0.024	0.472	ug/L
Caffeine	4.9			0.024	0.0472	ug/L	4.12			0.024	0.0472	ug/L
Carbazole		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Chrysene	0.0568			0.0094	0.0189	ug/L	0.12			0.0094	0.0189	ug/L
Coprostanol		<MDL	U	0.47	0.943	ug/L	8.55			0.47	0.943	ug/L
Di-N-Butyl Phthalate	0.205	B	U	0.024	0.0472	ug/L	0.246	B2	U	0.024	0.0472	ug/L
Di-N-Octyl Phthalate		<MDL	U	0.024	0.0472	ug/L	1.51		J	0.024	0.0472	ug/L
Dibenzo(a,h)anthracene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Dibenzofuran		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Diethyl Phthalate	0.494			0.024	0.472	ug/L	0.493			0.024	0.472	ug/L
Dimethyl Phthalate		<MDL	U	0.024	0.0472	ug/L	0.14			0.024	0.0472	ug/L
Fluoranthene	0.0653			0.0094	0.0189	ug/L	0.123			0.0094	0.0189	ug/L
Fluorene	0.0806			0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Hexachlorobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Hexachlorobutadiene		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L

Table C-10. CSO and CSO-like Composite Sample Results for Samples Collected in October 2009 through January 2010.

King County Environmental Lab Analytical Report

Locator: CS030
 Description: HANFORD #2 CSO
 Sample: L49832-1
 Matrix: LG STORM WTR
 Collected: 12/21/2009 9:04:00 AM
 Time Span: 1.5

Project: 423589-090-1

Locator: '063053
 Description: BRANDON ST CSO
 Sample: L49844-1
 Matrix: LG STORM WTR
 Collected: 1/4/2010 9:17:00 AM
 Time Span: 1.1

Method Code/Parameter	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Hexachlorocyclopentadiene		<MDL	U	0.24	0.472	ug/L		<MDL	UJ	0.24	0.472	ug/L
Hexachloroethane		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
Indeno(1,2,3-Cd)Pyrene		<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.0094	0.0189	ug/L
Isophorone		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
N-Nitrosodi-N-Propylamine		<MDL	U	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L
N-Nitrosodimethylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
N-Nitrosodiphenylamine		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Naphthalene	0.246			0.0094	0.0189	ug/L	0.0451			0.0094	0.0189	ug/L
Nitrobenzene		<MDL	U	0.024	0.0472	ug/L		<MDL	U	0.024	0.0472	ug/L
Pentachlorophenol		<MDL	U	0.24	0.472	ug/L		<MDL	U	0.24	0.472	ug/L
Phenanthrene	0.212			0.0094	0.0236	ug/L	0.13			0.0094	0.0236	ug/L
Phenol	3.06			0.024	0.0472	ug/L	0.446			0.024	0.0472	ug/L
Pyrene	0.199			0.0094	0.0189	ug/L	0.223			0.0094	0.0189	ug/L
Pyridine		<MDL	R	0.047	0.0943	ug/L		<MDL	U	0.047	0.0943	ug/L

Valid Qual = Validation qualifier

MDL = Method Detection Limit

RDL = Reporting Detection Limit

B = Detected in Method Blank

R = Rejected value

J = Estimated Value

U = not detected

Table C-11. Field Blank Sample Results Associated with CSO and CSO-like Composite Sampling Equipment

King County Environmental Lab Analytical Report

Locator: FIELDBLANK Sampled: 05/24/07 11:30:00 AM Lab ID: L42798-1 Matrix: BLANK WTR							Locator: FIELDBLANK Sampled: 09/13/07 4:25:00 PM Lab ID: L43912-1 Matrix: BLANK WTR							Locator: FIELDBLANK Sampled: 10/19/07 11:10:00 AM Lab ID: L44132-1 Matrix: BLANK WTR									
Value	Lab Qual	Valid Qual	MDL	RDL	Units		Value	Lab Qual	Valid Qual	MDL	RDL	Units		Value	Lab Qual	Valid Qual	MDL	RDL	Units				
Sample Information						auto-sampler blank taken in field prior to installation @ Duwamish Forebay station						auto-sampler blank taken in field prior to installation @ S. Michigan Regulator site						auto-sampler blank taken in field prior to installation @ Duwamish Forebay station					
Method EPA 200.8																							
Arsenic, Total, ICP-MS						<MDL U 0.5 2.5 ug/L						<MDL U 0.5 2.5 ug/L						<MDL U 0.5 2.5 ug/L					
Cadmium, Total, ICP-MS						<MDL U 0.1 0.5 ug/L						<MDL U 0.1 0.5 ug/L						0.39 <RDL J 0.1 0.5 ug/L					
Calcium, Total, ICP-MS						<MDL U 50 250 ug/L						<MDL U 50 250 ug/L						<MDL U 50 250 ug/L					
Chromium, Total, ICP-MS						<MDL U 0.4 2 ug/L						<MDL U 0.4 2 ug/L						0.48 <RDL J 0.4 2 ug/L					
Copper, Total, ICP-MS						<MDL U 0.4 2 ug/L						<MDL U 0.4 2 ug/L						0.4 <RDL J 0.4 2 ug/L					
Iron, Total, ICP-MS						-- -- -- -- --						-- -- -- -- --						-- -- -- -- --					
Lead, Total, ICP-MS						<MDL U 0.2 1 ug/L						<MDL U 0.2 1 ug/L						<MDL U 0.2 1 ug/L					
Magnesium, Total, ICP-MS						<MDL U 30 150 ug/L						<MDL U 30 150 ug/L						<MDL U 30 150 ug/L					
Manganese, Total, ICP-MS						<MDL U 0.2 1 ug/L						<MDL U 0.2 1 ug/L						1.26 <MDL U 0.2 1 ug/L					
Nickel, Total, ICP-MS						<MDL U 0.3 1.5 ug/L						<MDL U 0.3 1.5 ug/L						<MDL U 0.3 1.5 ug/L					
Silver, Total, ICP-MS						<MDL U 0.2 1 ug/L						<MDL U 0.2 1 ug/L						<MDL U 0.2 1 ug/L					
Zinc, Total, ICP-MS						2.2 <RDL J 0.5 2.5 ug/L						0.63 <RDL J 0.5 2.5 ug/L						1.7 <RDL J 0.5 2.5 ug/L					
Method EPA 245.1																							
Mercury, Total, CVAA						-- -- -- -- --						-- -- -- -- --						<MDL U 0.05 0.15 ug/L					
Method SW-846 8270C																							
1,4-Dichlorobenzene						-- -- -- -- --						<MDL U 0.0047 0.0094 ug/L						<MDL U 0.0047 0.0094 ug/L					
2-Methylnaphthalene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
4-Methylphenol						-- -- -- -- --						<MDL U 0.047 0.0943 ug/L						<MDL U 0.047 0.0943 ug/L					
Acenaphthene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Acenaphthylene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Anthracene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Benzo(a)anthracene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Benzo(a)pyrene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Benzo(b)fluoranthene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Benzo(g,h,i)perylene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Benzo(k)fluoranthene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Benzyl Alcohol						-- -- -- -- --						<MDL U 0.047 0.0943 ug/L						<MDL U 0.047 0.0943 ug/L					
Benzyl Butyl Phthalate						<MDL U 0.094 0.189 ug/L						<MDL U 0.047 0.0943 ug/L						0.103 <MDL U 0.047 0.0943 ug/L					
Bis(2-ethylhexyl)adipate						-- -- -- -- --						<MDL U 0.047 0.0943 ug/L						0.227 B U 0.047 0.0943 ug/L					
Bis(2-Ethylhexyl)Phthalate						0.162 B U 0.047 0.0943 ug/L						0.0502 U 0.024 0.0472 ug/L						0.296 B U 0.024 0.0472 ug/L					
Bisphenol A						-- -- -- -- --						<MDL U 0.12 0.236 ug/L						<MDL U 0.12 0.236 ug/L					
Caffeine						-- -- -- -- --						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Carbazole						-- -- -- -- --						-- -- -- -- --						-- -- -- -- --					
Chrysene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Dibenzo(a,h)anthracene						<MDL U 0.019 0.0377 ug/L						<MDL U 0.0094 0.0189 ug/L						<MDL U 0.0094 0.0189 ug/L					
Diethyl Phthalate						0.193 <MDL U 0.047 0.0943 ug/L						0.147 <MDL U 0.024 0.0472 ug/L						0.186 <MDL U 0.024 0.0472 ug/L					
Dimethyl Phthalate						<MDL U 0.047 0.0943 ug/L						<MDL U 0.024 0.0472 ug/L						<MDL U 0.024 0.0472 ug/L					
Di-N-Butyl Phthalate						<MDL U 0.047 0.943 ug/L						0.0962 <MDL U 0.024 0.0472 ug/L						0.129 B U 0.024 0.0472 ug/L					
Di-N-Octyl Phthalate						<MDL U 0.047 0.0943 ug/L						<MDL U 0.024 0.0472 ug/L						<MDL U 0.024 0.0472 ug/L					

Table C-11. Field Blank Sample Results Associated with CSO and CSO-like Composite Sampling Equipment

King County Environmental Lab Analytical Report

	Locator: FIELDBLANK Sampled: 05/24/07 11:30:00 AM Lab ID: L42798-1 Matrix: BLANK WTR						Locator: FIELDBLANK Sampled: 09/13/07 4:25:00 PM Lab ID: L43912-1 Matrix: BLANK WTR						Locator: FIELDBLANK Sampled: 10/19/07 11:10:00 AM Lab ID: L44132-1 Matrix: BLANK WTR					
	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	<MDL	U	U	0.019	0.0377	ug/L	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Fluorene	<MDL	U	U	0.019	0.0377	ug/L	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Indeno(1,2,3-Cd)Pyrene	<MDL	U	U	0.019	0.0377	ug/L	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Naphthalene	<MDL	U	U	0.019	0.0377	ug/L	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Pentachlorophenol	--	--	--	--	--	--	<MDL	U	U	0.094	0.189	ug/L	<MDL	U	U	0.094	0.189	ug/L
Phenanthrene	<MDL	U	U	0.019	0.0377	ug/L	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Phenol	--	--	--	--	--	--	<MDL	U	U	0.047	0.0943	ug/L	<MDL	U	U	0.047	0.0943	ug/L
Pyrene	<MDL	U	U	0.019	0.0377	ug/L	<MDL	U	U	0.0094	0.0189	ug/L	<MDL	U	U	0.0094	0.0189	ug/L
Total 4-Nonylphenol	--	--	--	--	--	--	<MDL	U	U	0.047	0.0943	ug/L	<MDL	U	U	0.047	0.0943	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-11. Field Blank Sample Results Associated with CSO and CSO-like Composite Sampling Equipment

King County Environmental Lab Analytical Report

Sample Information	Locator: FIELDBLANK Sampled: 01/28/08 11:50:00 AM Lab ID: L44913-1 Matrix: BLANK WTR						Locator: FIELDBLANK Sampled: 06/05/08 10:20:00 AM Lab ID: L45805-1 Matrix: BLANK WTR						Locator: FIELDBLANK Sampled: 6/11/2009 10:45:00 AM Lab ID: L48336-1 Matrix: LN BLANK WTR ColDate:					
	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
auto-sampler field-blank taken in field prior to installation @ Hanford #2 outfall site	auto-sampler field-blank taken in field prior to installation @ Lander II Regulator site						auto-sampler field-blank taken in field prior to installation @ Kingdome Regulator site											
Method EPA 200.8																		
Arsenic, Total, ICP-MS	<MDL	U	0.5	2.5	ug/L	<MDL	U	0.5	2.5	ug/L	<MDL	U	0.1	0.5	ug/L			
Cadmium, Total, ICP-MS	<MDL	U	0.1	0.5	ug/L	<MDL	U	0.1	0.5	ug/L	<MDL	U	0.05	0.25	ug/L			
Calcium, Total, ICP-MS	<MDL	U	50	250	ug/L	<MDL	U	50	250	ug/L	<MDL	U	10	50	ug/L			
Chromium, Total, ICP-MS	<MDL	U	0.4	2	ug/L	<MDL	U	0.4	2	ug/L	<MDL	U	0.2	1	ug/L			
Copper, Total, ICP-MS	<MDL	U	0.4	2	ug/L	<MDL	U	0.4	2	ug/L	<MDL	U	0.4	2	ug/L			
Iron, Total, ICP-MS	<MDL	U	20	100	ug/L	<MDL	U	20	100	ug/L	<MDL	U	10	50	ug/L			
Lead, Total, ICP-MS	<MDL	U	0.2	1	ug/L	<MDL	U	0.2	1	ug/L	<MDL	U	0.1	0.5	ug/L			
Magnesium, Total, ICP-MS	<MDL	U	30	150	ug/L	<MDL	U	30	150	ug/L	<MDL	U	10	50	ug/L			
Manganese, Total, ICP-MS	<MDL	U	0.2	1	ug/L	0.22	<RDL	J	0.2	1	ug/L	0.19	<RDL	J	0.1	0.5	ug/L	
Nickel, Total, ICP-MS	<MDL	U	0.3	1.5	ug/L	<MDL	U	0.3	1.5	ug/L	<MDL	U	0.1	0.5	ug/L			
Silver, Total, ICP-MS	<MDL	U	0.2	1	ug/L	<MDL	U	0.2	1	ug/L	<MDL	U	0.05	0.25	ug/L			
Zinc, Total, ICP-MS	<MDL	U	0.5	2.5	ug/L	<MDL	U	0.5	2.5	ug/L	0.74	<RDL	J	0.5	2.5	ug/L		
Method EPA 245.1																		
Mercury, Total, CVAA	<MDL	U	0.05	0.15	ug/L	<MDL	U	0.05	0.15	ug/L	<MDL	U	0.005	0.015	ug/L			
Method SW-846 8270C																		
1,4-Dichlorobenzene	<MDL	U	0.0047	0.0094	ug/L	--	--	--	--	--	<MDL	U	0.0094	0.0189	ug/L			
2-Methylnaphthalene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
4-Methylphenol	<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	<MDL	U	0.094	0.189	ug/L			
Acenaphthene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Acenaphthylene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Anthracene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Benzo(a)anthracene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Benzo(a)pyrene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Benzo(b)fluoranthene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Benzo(g,h,i)perylene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Benzo(k)fluoranthene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Benzyl Alcohol	<MDL	U	0.047	0.0943	ug/L	--	--	--	--	--	<MDL	U	0.094	0.189	ug/L			
Benzyl Butyl Phthalate	<MDL	U	0.047	0.0943	ug/L	<MDL	U	0.025	0.05	ug/L	<MDL	U	0.094	0.189	ug/L			
Bis(2-ethylhexyl)adipate	0.224	B	U	0.047	0.0943	ug/L	--	--	--	--	0.716	B	U	0.047	0.0943	ug/L		
Bis(2-Ethylhexyl)Phthalate	0.393	B	U	0.024	0.0472	ug/L	7.91	--	0.013	0.025	ug/L	<MDL	U	0.094	0.189	ug/L		
Bisphenol A	<MDL	U	0.12	0.236	ug/L	--	--	--	--	--	<MDL	U	0.24	0.472	ug/L			
Caffeine	<MDL	U	0.0094	0.0189	ug/L	--	--	--	--	--	<MDL	U	0.019	0.0377	ug/L			
Carbazole	--	--	--	--	--	--	--	--	--	--	<MDL	U	0.019	0.0377	ug/L			
Chrysene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Dibenzo(a,h)anthracene	<MDL	U	0.0094	0.0189	ug/L	<MDL	U	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L			
Diethyl Phthalate	0.371			0.024	0.0472	ug/L	0.135		0.013	0.025	ug/L	0.274	B	U	0.047	0.0943	ug/L	
Dimethyl Phthalate		<MDL	U	0.024	0.0472	ug/L	0.108		0.013	0.025	ug/L	<MDL	U	0.047	0.0943	ug/L		
Di-N-Butyl Phthalate	0.132	B	U	0.024	0.0472	ug/L	0.0903	B	U	0.013	0.025	ug/L	0.22	B	U	0.047	0.0943	ug/L
Di-N-Octyl Phthalate	<MDL	U	0.024	0.0472	ug/L	<MDL	U	0.013	0.025	ug/L	<MDL	U	0.047	0.0943	ug/L			

Table C-11. Field Blank Sample Results Associated with CSO and CSO-like Composite Sampling Equipment

King County Environmental Lab Analytical Report

	Locator: FIELDBLANK Sampled: 01/28/08 11:50:00 AM Lab ID: L44913-1 Matrix: BLANK WTR						Locator: FIELDBLANK Sampled: 06/05/08 10:20:00 AM Lab ID: L45805-1 Matrix: BLANK WTR						Locator: FIELDBLANK Sampled: 6/11/2009 10:45:00 AM Lab ID: L48336-1 Matrix: LN BLANK WTR ColDate:					
	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Dibenzofuran	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fluoranthene	<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.005	0.01	ug/L		<MDL	U	0.019	0.0377	ug/L	
Fluorene	<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.005	0.01	ug/L		<MDL	U	0.019	0.0377	ug/L	
Indeno(1,2,3-Cd)Pyrene	<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.005	0.01	ug/L		<MDL	U	0.019	0.0377	ug/L	
Naphthalene	<MDL	U	0.0094	0.0189	ug/L		0.0269	--	--	0.005	0.01	ug/L	<MDL	U	0.019	0.0377	ug/L	
Pentachlorophenol	<MDL	U	0.094	0.189	ug/L		--	--	--	--	--		<MDL	U	0.19	0.377	ug/L	
Phenanthrene	<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.005	0.01	ug/L		<MDL	U	0.019	0.0377	ug/L	
Phenol	<MDL	U	0.047	0.0943	ug/L		--	--	--	--	--		<MDL	U	0.094	0.189	ug/L	
Pyrene	<MDL	U	0.0094	0.0189	ug/L		<MDL	U	0.005	0.01	ug/L		<MDL	U	0.019	0.0377	ug/L	
Total 4-Nonylphenol	<MDL	U	0.047	0.0943	ug/L		--	--	--	--	--		<MDL	U	0.094	0.189	ug/L	

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 B = Detected in Method Blank
 J = Estimated Value
 U = not detected

Table C-12. Filter Blank Data for Dissolved Metals and Mercury.

Project: 423589-090-1 Locator: FFBLANK
 Descrip: FIELD FILTER BLANK
 Sample: L47992-3
 Matrix: LM FILTER WTR
 ColDate: 5/3/09 12:52

Parameters	Value	Lab Qual	Valid Qual	MDL	RDL	Units
Blank taken on one filter from batch used to filter CSO like samples for dissolved metals/mercury analysis						
Sample Information						
MT EPA 200.8*SW846 6020A						
Arsenic, Dissolved, ICP-MS	<MDL	U		0.1	0.5	ug/L
Cadmium, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L
Calcium, Dissolved, ICP-MS	<MDL	U		10	50	ug/L
Chromium, Dissolved, ICP-MS	<MDL	U		0.2	1	ug/L
Copper, Dissolved, ICP-MS	<MDL	U		0.4	2	ug/L
Iron, Dissolved, ICP-MS	<MDL	U		10	50	ug/L
Lead, Dissolved, ICP-MS	<MDL	U		0.1	0.5	ug/L
Magnesium, Dissolved, ICP-MS	<MDL	U		10	50	ug/L
Manganese, Dissolved, ICP-MS	<MDL	U		0.1	0.5	ug/L
Nickel, Dissolved, ICP-MS	<MDL	U		0.1	0.5	ug/L
Silver, Dissolved, ICP-MS	<MDL	U		0.05	0.25	ug/L
Zinc, Dissolved, ICP-MS	<MDL	U		0.5	2.5	ug/L
MT EPA 245.1*SW846 7470A						
Mercury, Dissolved, CVAA	<MDL,H	UJ		0.005	0.015	ug/L

Valid Qual = Validation qualifier
 MDL = Method Detection Limit
 RDL = Reporting Detection Limit
 U = not detected