Tables

Table 1
Samples Collected and Issues Encountered During Stormwater Sampling Events

Storm Drain Line	Location ID	Sample Event 6 2/11/2010	Sample Event 7 3/29/2010	Sample Event 8 4/27/2010	Modifications Performed 5/7/10	Sample Event 9 5/20/2010	Modifications Performed 5/25/10	Sample Event 9b 5/28/2010	Sample Event 10 6/2/2010	Total Samples per Location by Media
Lift Station	**LS431**	Solids and whole water sample	Solids and whole water sample	Solids and whole water sample	--	Solids and whole water sample	--	Solids sample	Solids and whole water sample	S - 6 W - 5
North Lateral SD Line	**MH108**	Solids and whole water sample	Solids and whole water sample	Solids and whole water sample	--	Solids and whole water sample	--	Solids and whole water sample		S - 5 W - 5
	MH133D	--	--	--	Installed sandbag to back up water and allow for sample collection	Solids sample	--	--	Solids sample	S -3
	MH138	--	--	--	Manufactured temporary sandbag to be installed during each sample event and back water up and allow for sample collection	Solids sample	--	--	Solids sample	S -3
	MH152	--	--	Solids sample		Solids sample	--	--	Solids sample	S -3
	CB165	--	--	Solids sample	Removed discharge pipe, water from sample unit being recirculated	Solids sample	--	--	Solids sample	S - 3
	CB173	--	--	Solids sample		Solids sample	--	--	Solids sample	S - 3
	MH178	--	--	Solids sample	Installed sandbag to back up water and allow for sample collection	Solids sample	Installed additional sandbag to back water up and allow for sample collection	--	Solids sample	S - 3

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Storm Drain Line	Location ID	Sample Event 6 2/11/2010	Sample Event 7 3/29/2010	Sample Event 8 4/27/2010	Modifications Performed 5/7/10	Sample Event 9 5/20/2010	Modifications Performed 5/25/10	Sample Event 9b 5/28/2010	Sample Event 10 6/2/2010	Total Samples per Location by Media
North Central Lateral SD Line	**MH226**	--	--	Solids sample		Solids sample	--	--	Solids sample	S - 3
South Central Lateral SD Line	**MH369**	--	--	Solids sample	Sensor moved from 1.52 meter (5 feet) pipe to 0.3 meter (12 inch) pipe	Solids sample	--	--	Solids sample	S - 3
South Lateral SD Line	**MH356**	--	--	Solids sample		Solids sample	--	--	Solids sample	S - 3
Building 3-380 Drainage Area	**CB423**	--	--	Solids sample collected, insufficient volume	Installed sandbag to back water up and allow for sample collection, removed brick from under pump	Solids sample	--	Solids sample	Solids sample	S - 3
Parking Lot Drainage SD Line	**MH434**	--	--	Solids Sample, may not be representative of parking lot runoff	--		Installed weir to back up water and allow for sample collection, discharge water from sample unit being recirculated	Solids Sample, may not be representative of parking lot runoff	Solids Sample, may not be representative of parking lot runoff	S -3

W - Whole Water
S - Solids
SD - Storm Drain Line

Table 2
Samples Collected and Issues Encountered During Base Flow Sampling Events

Storm Drain Line	Location ID	Base Flow Sample Event 1 2/23/2010	Base Flow Sample Event 1b 3/20/2010	Base Flow Sample Event 2 6/30/2010	Total Base Flow Samples per Location by Media
Lift Station	**LS431**	Water sample, no solids sample collected due to sampling error	Solids sample, dioxin sample analysis failed	Solids and whole water sample	S - 2 W -2
North Lateral SD Line	**MH108**	Solids and whole water sample	--	Solids and whole water sample	S - 2 W - 2
	CB173	--	--	Solids sample - may represent retained stormwater in addition to base flow	S -1

Table 3
Chemical and Physical Analysis of Filtered Stormwater Solids Samples

Sampling Event	Sample ID	Date Sampled	Grain Size	PAHs	PCB Aroclors	Metals + Mercury	Dioxin/ Furan Congeners
Event 6	MH108A-021110-S	2/11/2010	X		X	X	
	MH108B-021110-S	2/11/2010		X			
	LS431A-021110-S	2/11/2010	X		X	X	
	LS431B-021110-S	2/11/2010		X			
Event 7	MH108A-032910-S	3/29/2010	X		X	X	
	MH108B-032910-S	3/29/2010		X			
	LS431A-032910-S	3/29/2010	X		X	X	
	LS431B-032910-S	3/29/2010		X			
Event 8	MH108A-042710-S	4/27/2010	X		X	X	
	MH108B-042710-S	4/27/2010		X			
	LS431A-042710-S	4/27/2010	X		X	X	
	LS431B-042710-S	4/27/2010		X			
	MH434A-042710-S	4/27/2010			X	X	
	MH434B-042710-S	4/27/2010		X			
	MH356A-042710-S	4/27/2010			X	X	
	MH356B-042710-S	4/27/2010		X			
	MH369A-042710-S	4/27/2010			X	X	
	MH369B-042710-S	4/27/2010		X			
	MH226A-042710-S	4/27/2010			X	X	
	MH226B-042710-S	4/27/2010		X			
	MH152A-042710-S	4/27/2010	X		X	X	
	MH152B-042710-S	4/27/2010		X			
	CB165A-042710-S	4/27/2010	X		X	X	
	CB165B-042710-S	4/27/2010		X			
	MH178A-042710-S	4/27/2010	X		X	X	
	MH178B-042710-S	4/27/2010		X			
	CB173A-042710-S	4/27/2010	X		X	X	
	CB173B-042710-S	4/27/2010		X			
Event 9	MH108A-052010-S	5/20/2010	X		X	X	
	MH108B-052010-S	5/20/2010					X
	LS431A-052010-S	5/20/2010	X		X	X	
	LS431B-052010-S	5/20/2010					X
	MH356A-052010-S	5/20/2010			X	X	
	MH356B-052010-S	5/20/2010					X
	MH369A-052010-S	5/20/2010			X	X	
	MH369B-052010-S	5/20/2010					X
	MH226A-052010-S	5/20/2010			X	X	
	MH226B-052010-S	5/20/2010					X
	CB423A-052010-S	5/20/2010	X		X	X	
	CB423B-052010-S	5/20/2010					X[1]
	MH152A-052010-S	5/20/2010	X		X	X	
	MH152B-052010-S	5/20/2010					X
	CB165A-052010-S	5/20/2010			X	X	
	CB165B-052010-S	5/20/2010					X
	MH178A-052010-S	5/20/2010	X		X	X	
	MH178B-052010-S	5/20/2010					X
	CB173A-052010-S	5/20/2010			X	X	

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Chemical and Physical Analysis of Filtered Stormwater Solids Samples

Sampling Event	Sample ID	Date Sampled	Grain Size	PAHs	PCB Aroclors	Metals + Mercury	Dioxin/ Furan Congeners
	CB173B-052010-S	5/20/2010					X
	MH133A-052010-S	5/20/2010			X	X	
	MH133B-052010-S	5/20/2010					X
	MH138A-052010-S	5/20/2010			X	X	
	MH138B-052010-S	5/20/2010					X
Event 9b	LS431A-052810-S	5/28/2010			X	X	
	MH434A-052810-S	5/28/2010	X		X	X	
	MH434B-052810-S	5/28/2010					X
	MH423A-052810-S	5/28/2010			X	X	
	MH423B-052810-S	5/28/2010					X[1]
Event 10	MH108A-060210-S	6/2/2010			X	X	
	MH108B-060210-S	6/2/2010		X			
	LS431A-060210-S	6/2/2010			X	X	
	LS431B-060210-S	6/2/2010		X			
	MH434A-060210-S	6/2/2010	X		X	X	
	MH434B-060210-S	6/2/2010		X			
	MH356A-060210-S	6/2/2010			X	X	
	MH356B-060210-S	6/2/2010		X			
	MH369A-060210-S	6/2/2010			X	X	
	MH369B-060210-S	6/2/2010		X			
	MH226A-060210-S	6/2/2010			X	X	
	MH226B-060210-S	6/2/2010		X			
	MH423A-060210-S	6/2/2010			X	X	
	MH423B-060210-S	6/2/2010		X			
	MH152A-060210-S	6/2/2010			X	X	
	MH152B-060210-S	6/2/2010		X			
	CB165A-060210-S	6/2/2010			X	X	
	CB165B-060210-S	6/2/2010		X			
	MH178A-060210-S	6/2/2010	X		X	X	
	MH178B-060210-S	6/2/2010		X			
	CB173A-060210-S	6/2/2010			X	X	
	CB173B-060210-S	6/2/2010		X			
	MH133A-060210-S	6/2/2010			X	X	
	MH133B-060210-S	6/2/2010		X			
	MH138A-060210-S	6/2/2010			X	X	
	MH138B-060210-S	6/2/2010		X			
Base Flow 1	MH108A-022310-S	2/23/2010	X		X	X	
	MH108B-022310-S	2/23/2010					X
Base Flow 1b	LS431A-032010-S	3/20/2010	X		X	X	
Base Flow 2	MH108A-063010-S	6/30/2010	X		X	X	X
	LS431A-063010-S	6/30/2010	X		X	X	X
	CB173A-063010-S	6/30/2010	X		X	X	X

X[1] - extracts from two samples were combined

Table 4
Summary of Results for Filtered Suspended Solids Samples at LS431

Location ID				LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431
Filter				A	B	A	B	A	B	A	B	A	A	B	A	A	B
Sampling Event				Event 6	Event 6	Event 7	Event 7	Event 8	Event 8	Event 9	Event 9	Event 9B	Event 10	Event 10	Base Flow 1b	Base Flow 2	Base Flow 2
Collection Date	Method	SQS/LAET	CSL/2LAET	2/11/2010	2/11/2010	3/29/2010	3/29/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	5/28/2010	6/2/2010	6/2/2010	3/20/2010	6/30/2010	6/30/2010
Estimated Total Solids (g/filter DW)[1]				9.5	NA	46.9	NA	16.8	NA	31.7	54.8	17.1	11.7	NA	24.5	28	NA
Total Solids extracted for PCBs from (g/filter DW)[2]				9.16	NA	43.19	NA	15.35	NA	28.32	54.81	16.74	11.1	NA	22.62	25.09	48.46
Volume of water through filter (liters)				4,717	3,127	6,991	3,842	6,655	7,950	2,645	2,653	4,318	5,026	4,686	5,314	7,065	8,432
Calculated TSS (mg/L)				2.0	NA	6.7	NA	2.5	NA	12	20.7	4.0	2.3	NA	4.6	4.0	NA
Total Stormwater Flow (L)[8]				3,230,000	3,230,000	16,260,000	16,260,000	5,868,000	5,868,000	4,901,000	4,901,000	6,351,000	5,187,000	5,187,000	10,400,000	7,108,000	7,108,000
Grain Size (%)																	
Gravel	ASTM_D422			0.1 U	NA	0.1 U	NA	0.1 U	NA	8.7	NA	NA	NA	NA	0.1	0.1 U	NA
Very Coarse Sand	ASTM_D422			1.2	NA	0.1 U	NA	0.1	NA	1.4	NA	NA	NA	NA	0.2	0.2	NA
Coarse Sand	ASTM_D422			4.6	NA	0.1	NA	0.1	NA	2.8	NA	NA	NA	NA	1.2	0.3	NA
Medium Sand	ASTM_D422			29	NA	0.2	NA	0.2	NA	5.6	NA	NA	NA	NA	3.4	0.7	NA
Fine Sand	ASTM_D422			22	NA	0.1 U	NA	0.2	NA	6.8	NA	NA	NA	NA	2.1	0.6	NA
Very Fine Sand	ASTM_D422			6.2	NA	0.1	NA	0.1	NA	8.8	NA	NA	NA	NA	0.6	0.2	NA
Coarse Silt	ASTM_D422			NA	NA	13	NA	0.4	NA	3.1	NA	NA	NA	NA	1.2	4.4	NA
Medium Silt	ASTM_D422			NA	NA	35	NA	2.5	NA	17	NA	NA	NA	NA	3.6	16	NA
Fine Silt	ASTM_D422			NA	NA	9.1	NA	10	NA	9.4	NA	NA	NA	NA	2.6	13	NA
Very Fine Silt	ASTM_D422			NA	NA	11	NA	13	NA	5.3	NA	NA	NA	NA	3.1	8.9	NA
Clay	ASTM_D422			NA	NA	32.3	NA	72.9	NA	31.5	NA	NA	NA	NA	81.9	55.4	NA
Percent Fines (<0.06mm)	ASTM_D422			36.9	NA	99.6	NA	99.3	NA	65.9	NA	NA	NA	NA	92.4	98.0	NA
Metals - Total (mg/kg)																	
Arsenic	SW6010B	57	93	50 U	NA	10	NA	50 U	NA	40 U	NA	40 U	40 U	NA	20 U	50 U	NA
Cadmium	SW6010B	5.1	6.7	5.0	NA	7.0	NA	7.0	NA	6.0	NA	5.0	5.0	NA	4.9	3.0	NA
Chromium	SW6010B	260	270	36	NA	54	NA	44 J	NA	49	NA	36 J	40	NA	61 J	27	NA
Copper	SW6010B	390	390	68	NA	151	NA	85	NA	137 J	NA	72	75	NA	50.9 J	26	NA
Lead	SW6010B	450	530	30	NA	134	NA	50	NA	100	NA	70	70	NA	293 J	20 U	NA
Mercury	SW7471A	0.41	0.59	0.12	NA	0.37 J	NA	0.16 J	NA	0.38 J	NA	0.12	0.10 J	NA	0.06	0.15 J	NA
Silver	SW6010B	6.1	6.1	3.0 U	NA	0.7 U	NA	3.0 U	NA	2.0 U	NA	2.0 U	3.0 U	NA	1.0 U	3.0 U	NA
Zinc	SW6010B	410	960	450	NA	704	NA	610 J	NA	705	NA	491	487	NA	245 J	220	NA
PCBs (mg/kg DW)[3]																	
Aroclor 1221	SW8082			1.1 U	NA	0.12 U	NA	0.13 U	NA	0.035 U	NA	0.12 U	0.18 U	NA	0.044 U	0.04 U	NA
Aroclor 1232	SW8082			1.1 U	NA	0.12 U	NA	0.13 U	NA	0.035 U	NA	0.12 U	0.18 U	NA	0.044 U	0.04 U	NA
Aroclor 1242	SW8082			1.2	NA	0.12 U	NA	0.13 U	NA	0.035 U	NA	0.12 U	0.18 U	NA	0.53	0.29	NA
Aroclor 1016	SW8082			1.1 U	NA	0.12 U	NA	0.13 U	NA	0.035 U	NA	0.12 U	0.18 U	NA	0.044 U	0.04 U	NA
Aroclor 1248	SW8082			1.1 U	NA	0.58 U	NA	0.49 U	NA	0.14 U	NA	0.30 U	0.36 U	NA	0.044 U	0.04 U	NA
Aroclor 1254	SW8082			1.1	NA	1.4	NA	0.72	NA	0.30	NA	0.42 J	0.52	NA	0.71	0.24	NA
Aroclor 1260	SW8082			1.1 U	NA	0.53	NA	0.15	NA	0.064	NA	0.18 J	0.18 U	NA	0.34	0.04 U	NA
Total PCBs	SW8082	0.13	1.0	2.3	NA	1.9	NA	0.87	NA	0.36	NA	0.60	0.52	NA	1.6	0.53	NA
PAHs (mg/kg DW)[4]																	
Naphthalene	SW8270D	2.1	2.4	NA	0.26	NA	0.11	NA	0.089	NA	NA	NA	NA	0.094	NA	NA	NA
Acenaphthylene	SW8270D	1.3	1.3	NA	0.053 U	NA	0.11 U	NA	0.018 J	NA	NA	NA	NA	0.085 U	NA	NA	NA
Acenaphthene	SW8270D	0.5	0.73	NA	0.49	NA	0.12	NA	0.095	NA	NA	NA	NA	0.085 U	NA	NA	NA
Fluorene	SW8270D	0.54	1.0	NA	0.39	NA	0.16	NA	0.12	NA	NA	NA	NA	0.14	NA	NA	NA

Table 4
Summary of Results for Filtered Suspended Solids Samples at LS431

Location ID				LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431
Filter				A	B	A	B	A	B	A	B	A	A	B	A	B
Sampling Event				Event 6	Event 6	Event 7	Event 7	Event 8	Event 8	Event 9	Event 9	Event 9B	Event 10	Event 10	Base Flow 1b	Base Flow 2	Base Flow 2
Collection Date	Method	SQS/LAET	CSL/2LAET	2/11/2010	2/11/2010	3/29/2010	3/29/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	5/28/2010	6/2/2010	6/2/2010	3/20/2010	6/30/2010	6/30/2010
Phenanthrene	SW8270D	1.5	5.4	NA	2.2	NA	2.8	NA	0.65	NA	NA	NA	NA	1.3	NA	NA	NA
Anthracene	SW8270D	0.96	4.4	NA	0.52	NA	0.26	NA	0.048	NA	NA	NA	NA	0.094	NA	NA	NA
1-Methylnaphthalene	SW8270D			NA	0.28	NA	0.11 U	NA	0.18 U	NA	NA	NA	NA	0.085 U	NA	NA	NA
2-Methylnaphthalene	SW8270D	0.67	1.4	NA	0.39	NA	0.11 U	NA	0.089	NA	NA	NA	NA	0.094	NA	NA	NA
Fluoranthene	SW8270D	1.7	2.5	NA	3.3	NA	6.6	NA	1.5	NA	NA	NA	NA	3.2	NA	NA	NA
Pyrene	SW8270D	2.6	3.3	NA	1.9	NA	4.1	NA	0.95 J	NA	NA	NA	NA	1.9	NA	NA	NA
Benzo(a)anthracene	SW8270D	1.3	1.6	NA	0.81	NA	1.2	NA	0.20 J	NA	NA	NA	NA	0.61	NA	NA	NA
Chrysene	SW8270D	1.4	2.8	NA	1.8	NA	4.3	NA	0.89 J	NA	NA	NA	NA	2.4	NA	NA	NA
Benzo(b)fluoranthene	SW8270D			NA	1.3 N	NA	3.0 N	NA	0.60 N	NA	NA	NA	NA	1.7 N	NA	NA	NA
Benzo(k)fluoranthene	SW8270D			NA	1.3 N	NA	3.0 N	NA	0.60 N	NA	NA	NA	NA	1.7 N	NA	NA	NA
Total benzofluoranthenes	SW8270D	3.2	3.6	NA	2.6	NA	6.0	NA	1.2	NA	NA	NA	NA	3.4	NA	NA	NA
Benzo(a)pyrene	SW8270D	1.6	3	NA	0.95	NA	2.6	NA	0.31 J	NA	NA	NA	NA	1.0	NA	NA	NA
Indeno(1,2,3-cd)pyrene	SW8270D	0.6	0.69	NA	0.81	NA	2.0	NA	0.50 J	NA	NA	NA	NA	1.1	NA	NA	NA
Dibenz(a,h)anthracene	SW8270D	0.23	0.54	NA	0.27	NA	0.58	NA	0.18 J	NA	NA	NA	NA	0.36	NA	NA	NA
Benzo(g,h,i)perylene	SW8270D	0.67	0.72	NA	0.84	NA	2.1	NA	0.50 J	NA	NA	NA	NA	1.2	NA	NA	NA
Total LPAH[5]	SW8270D	5.2	13	NA	3.9	NA	3.5	NA	1.0	NA	NA	NA	NA	1.6	NA	NA	NA
Total HPAH[6]	SW8270D	12	17	NA	13	NA	29	NA	6.2	NA	NA	NA	NA	15	NA	NA	NA
Dibenzofuran	SW8270D	0.54	0.7	NA	0.32	NA	0.16	NA	0.11	NA	NA	NA	NA	0.17	NA	NA	NA
Dioxins and Furans (pg/g DW)[7]																	
2,3,7,8-TCDD	E1613			NA	NA	NA	NA	NA	NA	NA	0.288 J	NA	NA	NA	NA	NA	0.138 J
1,2,3,7,8-PECDD	E1613			NA	NA	NA	NA	NA	NA	NA	1.44 U	NA	NA	NA	NA	NA	0.532 U
1,2,3,4,7,8-HXCDD	E1613			NA	NA	NA	NA	NA	NA	NA	2.15 U	NA	NA	NA	NA	NA	1.04 J
1,2,3,6,7,8-HXCDD	E1613			NA	NA	NA	NA	NA	NA	NA	4.85 J	NA	NA	NA	NA	NA	2.21 J
1,2,3,7,8,9-HXCDD	E1613			NA	NA	NA	NA	NA	NA	NA	6.06	NA	NA	NA	NA	NA	2.52
1,2,3,4,6,7,8-HPCDD	E1613			NA	NA	NA	NA	NA	NA	NA	76.1	NA	NA	NA	NA	NA	39.2
OCDD	E1613			NA	NA	NA	NA	NA	NA	NA	650 B	NA	NA	NA	NA	NA	297 B
2,3,7,8-TCDF	E1613			NA	NA	NA	NA	NA	NA	NA	3.54	NA	NA	NA	NA	NA	1.94
1,2,3,7,8-PECDF	E1613			NA	NA	NA	NA	NA	NA	NA	1.04 J	NA	NA	NA	NA	NA	0.39 U
2,3,4,7,8-PECDF	E1613			NA	NA	NA	NA	NA	NA	NA	2.43 J	NA	NA	NA	NA	NA	0.896 J
1,2,3,4,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	3.58 J	NA	NA	NA	NA	NA	0.988 J
1,2,3,6,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	2.1 J	NA	NA	NA	NA	NA	0.565 J
1,2,3,7,8,9-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	0.0847 U	NA	NA	NA	NA	NA	0.0974 U
2,3,4,6,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	1.82 J	NA	NA	NA	NA	NA	0.617 J
1,2,3,4,6,7,8-HPCDF	E1613			NA	NA	NA	NA	NA	NA	NA	19.2	NA	NA	NA	NA	NA	7.64 B
1,2,3,4,7,8,9-HPCDF	E1613			NA	NA	NA	NA	NA	NA	NA	1.34 J	NA	NA	NA	NA	NA	0.576 J
OCDF	E1613			NA	NA	NA	NA	NA	NA	NA	47.1 B	NA	NA	NA	NA	NA	14.6 B
TOTAL TEQ, ND*0	E1613			NA	NA	NA	NA	NA	NA	NA	4.42	NA	NA	NA	NA	NA	1.96
TOTAL TEQ, ND*0.5	E1613			NA	NA	NA	NA	NA	NA	NA	5.25	NA	NA	NA	NA	NA	2.24

Table 4
Summary of Results for Filtered Suspended Solids Samples at LS431

Location ID				LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431	LS431
Filter				A	B	A	B	A	B	A	B	A	A	B	A	A	B
Sampling Event				Event 6	Event 6	Event 7	Event 7	Event 8	Event 8	Event 9	Event 9	Event 9B	Event 10	Event 10	Base Flow 1b	Base Flow 2	Base Flow 2
Collection Date	Method	SQS/LAET	CSL/2LAET	2/11/2010	2/11/2010	3/29/2010	3/29/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	5/28/2010	6/2/2010	6/2/2010	3/20/2010	6/30/2010	6/30/2010

MRLs reported for all undetected results

Green highlighting indicates chemical not detected at a reporting limit that exceeds the SQS/LAET

Gray highlighting indicates exceedance of the SQS/LAET

Red highlighting indicates exceedance of the CSL/2LAET

NA - Not available

1. Estimated mass of total solids that accounts for the aliquots removed for analysis of metals and grain size.
2. Actual mass of total solids analyzed for PCBs.
3. ug of PCBs divided by solids extracted for PCBs.
4. ug of PAH divided by estimated mass of total solids from PCB filter.
5. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene
6. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, benzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene
7. pg of dioxin divided by total extracted solids.
8. Total stormwater volume calculated from regression for Events 6 and 10

B - Analyte detedted in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

SQS/LAET - Sediment Quality Standards/Lowest Apparent Effects Threshold

CSL/2LAET - Cleanup Screening Level/Second Lowest Apparent Effects Threshold

Table 5
Summary of Results for Filtered Suspended Solids at MH108

Location ID				MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 6	Event 6	Event 7	Event 7	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Base Flow 1	Base Flow 1	Base Flow 2	Base Flow 2
Collection Date	Method	SQS/LAET	CSL/2LAET	2/11/2010	2/11/2010	3/29/2010	3/29/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	2/23/2010	2/23/2010	6/30/2010	6/30/2010
Estimated Total Solids (g/filter DW)[1]				11.9	NA	47.5	NA	9.3	NA	38.5	46.2	14.5	NA	42.6	45.3	31.7	NA
Total Solids extracted for PCBs from (g/filter DW)[2]				10.95	NA	43.04	NA	8.78	NA	35.53	46.24	13.87	NA	39.32	45.33	28.54	35.78
Volume of water through filter (liters)				2,494	2,211	2,592	5,122	22,232	19,359	3,404	2,791	10,110	12,879	139,808	147,905	161,889	202,613
Calculated TSS (mg/L)				4.8	NA	18.3	NA	0.4	NA	11.3	16.6	1.4	NA	0.3	0.3	0.2	NA
Total Stormwater Flow (L)[8]				498,700	498,700	2,541,000	2,541,000	1,168,000	1,168,000	756,700	756,700	955,000	955,000	585,700	585,700	890,600	890,600
Grain Size (%)																	
Gravel	ASTM_D422			9.2	NA	0.1 U	NA	3.7	NA	1	NA	NA	NA	0.1 U	NA	0.2	NA
Very Coarse Sand	ASTM_D422			6.3	NA	0.1 U	NA	6.3	NA	3.3	NA	NA	NA	0.1	NA	26.2	NA
Coarse Sand	ASTM_D422			2.9	NA	0.1 U	NA	6	NA	6.7	NA	NA	NA	0.1 U	NA	5.5	NA
Medium Sand	ASTM_D422			4.6	NA	0.1 U	NA	6.7	NA	8.9	NA	NA	NA	0.1 U	NA	4.5	NA
Fine Sand	ASTM_D422			7.1	NA	0.1	NA	6.5	NA	10.7	NA	NA	NA	0.1 U	NA	4	NA
Very Fine Sand	ASTM_D422			4.5	NA	0.1 U	NA	4.2	NA	8.8	NA	NA	NA	0.1 U	NA	1.8	NA
Coarse Silt	ASTM_D422			NA	NA	9	NA	0.1 U	NA	4.5	NA	NA	NA	0.3	NA	0.3	NA
Medium Silt	ASTM_D422			NA	NA	21.3	NA	19.5	NA	17.6	NA	NA	NA	0.2	NA	0.1	NA
Fine Silt	ASTM_D422			NA	NA	17	NA	12.5	NA	6.9	NA	NA	NA	0.3	NA	0.1 U	NA
Very Fine Silt	ASTM_D422			NA	NA	18.8	NA	4.5	NA	7.3	NA	NA	NA	0.8	NA	0.1 U	NA
Clay	ASTM_D422			NA	NA	33.8	NA	31.5	NA	24.3	NA	NA	NA	98.5	NA	57.6	NA
Percent Fines (<0.06mm)	ASTM_D422			65.3	NA	99.9	NA	66.6	NA	60.6	NA	NA	NA	99.9	NA	57.9	NA
Metals - Total (mg/kg)																	
Arsenic	SW6010B	57	93	80 U	NA	20	NA	60 U	NA	30	NA	30	NA	120 U	NA	70	NA
Cadmium	SW6010B	5.1	6.7	6.0	NA	6.1	NA	10	NA	9.1	NA	7.0	NA	5.0 U	NA	4.0	NA
Chromium	SW6010B	260	270	52	NA	65	NA	53 J	NA	76	NA	59	NA	30	NA	22	NA
Copper	SW6010B	390	390	311	NA	319	NA	329	NA	386 J	NA	247	NA	165	NA	71	NA
Lead	SW6010B	450	530	90	NA	210	NA	120	NA	239	NA	170	NA	50 U	NA	30	NA
Mercury	SW7471A	0.41	0.59	1.7	NA	0.75 J	NA	1.4 J	NA	0.55 J	NA	0.60 J	NA	2.3	NA	0.20	NA
Silver	SW6010B	6.1	6.1	5.0 U	NA	1.2	NA	4.0 U	NA	1.0 U	NA	1.0 U	NA	7.0 U	NA	4.0 U	NA
Zinc	SW6010B	410	960	880	NA	921	NA	950 J	NA	1230	NA	901	NA	310	NA	320	NA
PCBs (mg/kg DW)[3]																	
Aroclor 1221	SW8082			0.91 U	NA	0.12 U	NA	0.11 U	NA	0.14 U	NA	0.72 U	NA	0.64 U	NA	1.8 U	NA
Aroclor 1232	SW8082			0.91 U	NA	0.12 U	NA	0.11 U	NA	0.14 U	NA	0.72 U	NA	0.64 U	NA	1.8 U	NA
Aroclor 1242	SW8082			6.6	NA	0.12 U	NA	0.11 U	NA	0.14 U	NA	0.72 U	NA	14	NA	15	NA
Aroclor 1016	SW8082			0.91 U	NA	0.12 U	NA	0.11 U	NA	0.14 U	NA	0.72 U	NA	0.64 U	NA	1.8 U	NA
Aroclor 1248	SW8082			0.91 U	NA	1.4 U	NA	2.1 U	NA	0.56 U	NA	2.5 U	NA	0.64 U	NA	1.8 U	NA
Aroclor 1254	SW8082			9.1	NA	3.0	NA	3.4	NA	1.1	NA	4.1	NA	11	NA	7.0	NA
Aroclor 1260	SW8082			2.0	NA	0.63	NA	0.64	NA	0.22	NA	0.87	NA	1.3 U	NA	1.8 U	NA
Total PCBs	SW8082	0.13	1.0	18	NA	3.6	NA	4.0	NA	1.3	NA	5.0	NA	25	NA	22	NA
PAHs (mg/kg DW)[4]																	
Naphthalene	SW8270D	2.1	2.4	NA	0.31	NA	0.088	NA	0.17	NA	NA	NA	0.21	NA	NA	NA	NA
Acenaphthylene	SW8270D	1.3	1.3	NA	0.13 U	NA	0.053 U	NA	0.054 U	NA	NA	NA	0.21 U	NA	NA	NA	NA
Acenaphthene	SW8270D	0.5	0.73	NA	0.13 U	NA	0.084	NA	0.054	NA	NA	NA	0.21 U	NA	NA	NA	NA
Fluorene	SW8270D	0.54	1.0	NA	0.13	NA	0.11	NA	0.17	NA	NA	NA	0.21 U	NA	NA	NA	NA
Phenanthrene	SW8270D	1.5	5.4	NA	0.61	NA	2.3	NA	1.3	NA	NA	NA	2.6	NA	NA	NA	NA

Table 5
Summary of Results for Filtered Suspended Solids at MH108

Location ID Filter Sampling Event Collection Date	Method	SQS/LAET	CSL/2LAET	MH108 A Event 6 2/11/2010	MH108 B Event 6 2/11/2010	MH108 A Event 7 3/29/2010	MH108 B Event 7 3/29/2010	MH108 A Event 8 4/27/2010	MH108 B Event 8 4/27/2010	MH108 A Event 9 5/20/2010	MH108 B Event 9 5/20/2010	MH108 A Event 10 6/2/2010	MH108 B Event 10 6/2/2010	MH108 A Base Flow 1 2/23/2010	MH108 B Base Flow 1 2/23/2010	MH108 A Base Flow 2 6/30/2010	MH108 B Base Flow 2 6/30/2010
Anthracene	SW8270D	0.96	4.4	NA	0.13 U	NA	0.23	NA	0.065	NA	NA	NA	0.21 U	NA	NA	NA	NA
1-Methylnaphthalene	SW8270D			NA	0.41 Q	NA	0.053 U	NA	0.31 U	NA	NA	NA	0.21 U	NA	NA	NA	NA
2-Methylnaphthalene	SW8270D	0.67	1.4	NA	0.62	NA	0.061	NA	0.12	NA	NA	NA	0.21 U	NA	NA	NA	NA
Fluoranthene	SW8270D	1.7	2.5	NA	1.5	NA	5.9	NA	2.7	NA	NA	NA	5.9	NA	NA	NA	NA
Pyrene	SW8270D	2.6	3.3	NA	0.92	NA	2.7	NA	1.7	NA	NA	NA	3.4	NA	NA	NA	NA
Benzo(a)anthracene	SW8270D	1.3	1.6	NA	0.24	NA	1.1	NA	0.27	NA	NA	NA	0.83	NA	NA	NA	NA
Chrysene	SW8270D	1.4	2.8	NA	1.0	NA	3.4	NA	1.4	NA	NA	NA	3.4	NA	NA	NA	NA
Benzo(b)fluoranthene	SW8270D			NA	0.70 J	NA	2.3 J	NA	0.80 J	NA	NA	NA	2.3 J	NA	NA	NA	NA
Benzo(k)fluoranthene	SW8270D			NA	0.70 J	NA	2.3 J	NA	0.80 J	NA	NA	NA	2.3 J	NA	NA	NA	NA
Total benzofluoranthenes	SW8270D	3.2	3.6	NA	1.4	NA	4.6	NA	1.6	NA	NA	NA	4.6	NA	NA	NA	NA
Benzo(a)pyrene	SW8270D	1.6	3	NA	0.47	NA	2.5	NA	0.43	NA	NA	NA	1.4	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	SW8270D	0.6	0.69	NA	0.39	NA	1.7	NA	0.62	NA	NA	NA	1.4	NA	NA	NA	NA
Dibenz(a,h)anthracene	SW8270D	0.23	0.54	NA	0.13 U	NA	0.53	NA	0.19	NA	NA	NA	0.40	NA	NA	NA	NA
Benzo(g,h,i)perylene	SW8270D	0.67	0.72	NA	0.55	NA	1.8	NA	0.67	NA	NA	NA	1.7	NA	NA	NA	NA
Total LPAH[5]	SW8270D	5.2	13	NA	1.1	NA	2.8	NA	1.8	NA	NA	NA	2.8	NA	NA	NA	NA
Total HPAH[6]	SW8270D	12	17	NA	6.5	NA	24	NA	9.6	NA	NA	NA	23	NA	NA	NA	NA
Dibenzofuran	SW8270D	0.54	0.7	NA	0.13 U	NA	0.14	NA	0.17	NA	NA	NA	0.21 U	NA	NA	NA	NA
Dioxins and Furans (pg/g DW)[7]																	
2,3,7,8-TCDD	E1613			NA	NA	NA	NA	NA	NA	NA	0.766 J	NA	NA	NA	1.35	NA	0.66 J
1,2,3,7,8-PECDD	E1613			NA	NA	NA	NA	NA	NA	NA	3.91 U	NA	NA	NA	4.72	NA	1.22 U
1,2,3,4,7,8-HXCDD	E1613			NA	NA	NA	NA	NA	NA	NA	5.38 U	NA	NA	NA	3.68	NA	1.5 J
1,2,3,6,7,8-HXCDD	E1613			NA	NA	NA	NA	NA	NA	NA	10.7	NA	NA	NA	7.88	NA	3.41 U
1,2,3,7,8,9-HXCDD	E1613			NA	NA	NA	NA	NA	NA	NA	11.7	NA	NA	NA	14.9	NA	5.03 J
1,2,3,4,6,7,8-HPCDD	E1613			NA	NA	NA	NA	NA	NA	NA	193	NA	NA	NA	121 B	NA	46.1 D
OCDD	E1613			NA	NA	NA	NA	NA	NA	NA	1230 B	NA	NA	NA	743 B	NA	265 D
2,3,7,8-TCDF	E1613			NA	NA	NA	NA	NA	NA	NA	8.69	NA	NA	NA	7.92	NA	4.08
1,2,3,7,8-PECDF	E1613			NA	NA	NA	NA	NA	NA	NA	2.44 J	NA	NA	NA	1.86 J	NA	0.738 D
2,3,4,7,8-PECDF	E1613			NA	NA	NA	NA	NA	NA	NA	5.86	NA	NA	NA	9.95	NA	4.75 J
1,2,3,4,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	10.4	NA	NA	NA	21.4	NA	10.4 D
1,2,3,6,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	6.83	NA	NA	NA	9.04	NA	4.53 J
1,2,3,7,8,9-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	0.292 U	NA	NA	NA	0.265 J	NA	0.222 D
2,3,4,6,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	NA	NA	4.07 J	NA	NA	NA	2.98	NA	1.56 J
1,2,3,4,6,7,8-HPCDF	E1613			NA	NA	NA	NA	NA	NA	NA	38.9	NA	NA	NA	25.4	NA	8.8 D
1,2,3,4,7,8,9-HPCDF	E1613			NA	NA	NA	NA	NA	NA	NA	4 J	NA	NA	NA	5.12	NA	2.51 J
OCDF	E1613			NA	NA	NA	NA	NA	NA	NA	78.7 B	NA	NA	NA	55.6 B	NA	14.9 D
TOTAL TEQ, ND*0	E1613			NA	NA	NA	NA	NA	NA	NA	10.6	NA	NA	NA	17.7	NA	4.82
TOTAL TEQ, ND*0.5	E1613			NA	NA	NA	NA	NA	NA	NA	12.8	NA	NA	NA	17.7	NA	5.94

Table 5
Summary of Results for Filtered Suspended Solids at MH108

Location ID				MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108	MH108
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 6	Event 6	Event 7	Event 7	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Base Flow 1	Base Flow 1	Base Flow 2	Base Flow 2
Collection Date	Method	SQS/LAET	CSL/2LAET	2/11/2010	2/11/2010	3/29/2010	3/29/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	2/23/2010	2/23/2010	6/30/2010	6/30/2010

MRLs reported for all undetected results

Green highlighting indicates chemical not detected at a reporting limit that exceeds the SQS/LAET

Gray highlighting indicates exceedance of the SQS/LAET

Red highlighting indicates exceedance of the CSL/2LAET

NA - Not available

1. Estimated mass of total solids that accounts for the aliquots removed for analysis of metals and grain size.
2. Actual mass of total solids analyzed for PCBs.
3. ug of PCBs divided by solids extracted for PCBs.
4. ug of PAH divided by estimated mass of total solids from PCB filter.
5. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene
6. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, benzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene
7. pg of dioxin divided by total extracted solids.
8. Total stormwater volume calculated from regression for Events 6 and 10

B - Analyte detedted in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

N - The analysis indicates the presence of an analyte for□which there is presumptive evidence to make a□"tentative identification".

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected□above the reported sample quantitation limit.

SQS/LAET - Sediment Quality Standards/Lowest Apparent Effects Threshold

CSL/2LAET - Cleanup Screening Level/Second Lowest Apparent Effects Threshold

Table 6
Summary of Results for Filtered Suspended Solids Samples in the NBF North Lateral Storm Drain

Location ID				MH133D	MH133D	MH133D	MH133D	MH152	MH152	MH152	MH152	MH152	MH152	MH138	MH138	MH138	MH138	CB165	CB165	CB165	CB165
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9
Collection Date	Method	SQS/LAET	CSL/2LAET	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010
Estimated Total Solids (g/filter DW)[1]				73.1	25.9	13.2	NA	13.9	NA	56.4	31.3	10	NA	27.7	11.5	6	NA	25.2	NA	37.9	25.3
Total Solids extracted for PCBs from (g/filter DW)[2]				67.09	25.9	12.57	NA	13.13	NA	50.41	31.28	9.91	NA	26.21	11.52	5.81	NA	22.86	NA	35.57	25.29
Volume of water through filter (liters)				15,039	15,667	17,279	16,720	28,245	33,829	4,262	5,135	17,977	13,687	2,611	2,450	1,247	1,542	4,731	4,625	46,987	44,995
Grain Size (%)																					
Gravel	ASTM_D422			NA	NA	NA	NA	7.6	NA	0.1 U	NA	NA	NA	NA	NA	NA	NA	0.6	NA	NA	NA
Very Coarse Sand	ASTM_D422			NA	NA	NA	NA	3.1	NA	0.1 U	NA	NA	NA	NA	NA	NA	NA	0.1 U	NA	NA	NA
Coarse Sand	ASTM_D422			NA	NA	NA	NA	2.4	NA	0.1 U	NA	NA	NA	NA	NA	NA	NA	0.1 U	NA	NA	NA
Medium Sand	ASTM_D422			NA	NA	NA	NA	3.1	NA	0.1 U	NA	NA	NA	NA	NA	NA	NA	0.1 U	NA	NA	NA
Fine Sand	ASTM_D422			NA	NA	NA	NA	4.2	NA	0.1 U	NA	NA	NA	NA	NA	NA	NA	0.1 U	NA	NA	NA
Very Fine Sand	ASTM_D422			NA	NA	NA	NA	6.1	NA	0.1 U	NA	NA	NA	NA	NA	NA	NA	0.1 U	NA	NA	NA
Coarse Silt	ASTM_D422			NA	NA	NA	NA	2.7	NA	1.6	NA	NA	NA	NA	NA	NA	NA	10.8	NA	NA	NA
Medium Silt	ASTM_D422			NA	NA	NA	NA	1.2	NA	28.5	NA	NA	NA	NA	NA	NA	NA	43.2	NA	NA	NA
Fine Silt	ASTM_D422			NA	NA	NA	NA	9.7	NA	38.7	NA	NA	NA	NA	NA	NA	NA	9.4	NA	NA	NA
Very Fine Silt	ASTM_D422			NA	NA	NA	NA	9.5	NA	8.3	NA	NA	NA	NA	NA	NA	NA	6.8	NA	NA	NA
Clay	ASTM_D422			NA	NA	NA	NA	50.5	NA	22.9	NA	NA	NA	NA	NA	NA	NA	29.2	NA	NA	NA
Percent Fines (<0.06mm)	ASTM_D422			NA	NA	NA	NA	73.6	NA	100	NA	NA	NA	NA	NA	NA	NA	99.4	NA	NA	NA
Metals - Total (mg/kg)																					
Arsenic	SW6010B	57	93	90	NA	110	NA	30 U	NA	20	NA	50	NA	90	NA	30	NA	30	NA	9.0	NA
Cadmium	SW6010B	5.1	6.7	78	NA	102	NA	7.0	NA	4.6	NA	6.0	NA	10	NA	11	NA	13	NA	3.2	NA
Chromium	SW6010B	260	270	78	NA	274	NA	59 J	NA	56	NA	58	NA	100	NA	78	NA	133 J	NA	79	NA
Copper	SW6010B	390	390	125 J	NA	134	NA	393	NA	328 J	NA	419	NA	126 J	NA	149	NA	278	NA	87 J	NA
Lead	SW6010B	450	530	120	NA	230	NA	190	NA	189	NA	210	NA	120	NA	90	NA	320	NA	205	NA
Mercury	SW7471A	0.41	0.59	3.24 J	NA	3.46 J	NA	1.3 J	NA	0.52 J	NA	0.40 J	NA	0.40 J	NA	0.37 J	NA	12 J	NA	2.1 J	NA
Silver	SW6010B	6.1	6.1	4.0 U	NA	4.0 U	NA	2.0 U	NA	1.0 U	NA	2.0 U	NA	4.0 U	NA	1.0 U	NA	2.0 U	NA	160	NA
Zinc	SW6010B	410	960	2200	NA	2650	NA	869 J	NA	686	NA	1160	NA	2890	NA	1250	NA	4770 J	NA	1640	NA
PCBs (mg/kg DW)[3]																					
Aroclor 1221	SW8082			0.03 U	NA	0.16 U	NA	0.38 U	NA	0.20 U	NA	1.0 U	NA	0.076 U	NA	1.7 U	NA	0.22 U	NA	0.28 U	NA
Aroclor 1232	SW8082			0.03 U	NA	0.16 U	NA	0.38 U	NA	0.20 U	NA	1.0 U	NA	0.076 U	NA	1.7 U	NA	0.22 U	NA	0.28 U	NA
Aroclor 1242	SW8082			0.03 U	NA	0.16 U	NA	0.38 U	NA	0.20 U	NA	1.0 U	NA	0.076 U	NA	1.7 U	NA	0.22 U	NA	0.28 U	NA
Aroclor 1016	SW8082			0.03 U	NA	0.16 U	NA	0.38 U	NA	0.20 U	NA	1.0 U	NA	0.076 U	NA	1.7 U	NA	0.22 U	NA	0.28 U	NA
Aroclor 1248	SW8082			0.045 U	NA	0.24 U	NA	1.9 U	NA	0.60 U	NA	3.0 U	NA	0.19 U	NA	3.4 U	NA	3.7	NA	1.4 U	NA
Aroclor 1254	SW8082			0.13	NA	0.53	NA	2.5	NA	0.99	NA	3.7	NA	0.61	NA	10	NA	3.1	NA	1.3	NA
Aroclor 1260	SW8082			0.14	NA	0.73	NA	0.43	NA	0.20 U	NA	1.0 U	NA	0.16	NA	2.8	NA	0.66	NA	0.28 U	NA
Total PCBs	SW8082	0.13	1.0	0.27	NA	1.3	NA	2.9	NA	0.99	NA	3.7	NA	0.77	NA	13	NA	7.5	NA	1.3	NA
PAHs (mg/kg DW)[4]																					
Naphthalene	SW8270D	2.1	2.4	NA	NA	NA	0.91 U	NA	0.17	NA	NA	NA	0.16	NA	NA	NA	0.83 U	NA	0.13	NA	NA
Acenaphthylene	SW8270D	1.3	1.3	NA	NA	NA	0.91 U	NA	0.022 J	NA	NA	NA	0.10 U	NA	NA	NA	0.83 U	NA	0.024 J	NA	NA
Acenaphthene	SW8270D	0.5	0.73	NA	NA	NA	1.2	NA	0.043	NA	NA	NA	0.10 U	NA	NA	NA	0.83 U	NA	0.048	NA	NA
Fluorene	SW8270D	0.54	1.0	NA	NA	NA	1.4	NA	0.16	NA	NA	NA	0.10	NA	NA	NA	0.83 U	NA	0.083	NA	NA
Phenanthrene	SW8270D	1.5	5.4	NA	NA	NA	13	NA	2.8	NA	NA	NA	2.2	NA	NA	NA	1.8	NA	0.83	NA	NA
Anthracene	SW8270D	0.96	4.4	NA	NA	NA	2.2	NA	0.086	NA	NA	NA	0.10 U	NA	NA	NA	0.83 U	NA	0.091	NA	NA
1-Methylnaphthalene	SW8270D			NA	NA	NA	0.91 U	NA	0.19 U	NA	NA	NA	0.10 U	NA	NA	NA	0.83 U	NA	0.15 U	NA	NA

Table 6
Summary of Results for Filtered Suspended Solids Samples in the NBF North Lateral Storm Drain

Location ID				CB165	CB165	CB173	CB173	CB173	CB173	CB173	CB173	CB173	CB173	MH178	MH178	MH178	MH178	MH178	MH178
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Base Flow 2	Base Flow 2	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	6/30/2010	6/30/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010
Estimated Total Solids (g/filter DW)[1]				21.2	NA	20.7	NA	40.6	20.3	18.5	NA	36.2	NA	20.7	NA	41.9	26.4	12.8	NA
Total Solids extracted for PCBs from (g/filter DW)[2]				19.47	NA	19.39	NA	38.75	20.26	18.42	NA	34.9	31	18.73	NA	37.08	26.39	11.76	NA
Volume of water through filter (liters)				47,100	52,910	56,627	61,218	37,465	34,982	65,148	67,032	305,574	336,588	4,611	4,024	1,503	1,709	33,550	35,269
Grain Size (%)																			
Gravel	ASTM_D422			NA	NA	2.3	NA	NA	NA	NA	NA	NA	NA	5.2	NA	0.5	NA	0.1	NA
Very Coarse Sand	ASTM_D422			NA	NA	4	NA	NA	NA	NA	NA	NA	NA	0.2	NA	0.1	NA	0.1	NA
Coarse Sand	ASTM_D422			NA	NA	2.5	NA	NA	NA	NA	NA	NA	NA	0.3	NA	0.2	NA	0.1	NA
Medium Sand	ASTM_D422			NA	NA	1.6	NA	NA	NA	NA	NA	NA	NA	0.5	NA	0.3	NA	0.2	NA
Fine Sand	ASTM_D422			NA	NA	1.2	NA	NA	NA	NA	NA	NA	NA	0.5	NA	0.5	NA	0.2	NA
Very Fine Sand	ASTM_D422			NA	NA	0.9	NA	NA	NA	NA	NA	NA	NA	1.1	NA	0.5	NA	0.2	NA
Coarse Silt	ASTM_D422			NA	NA	1.2	NA	NA	NA	NA	NA	NA	NA	2.1	NA	6.9	NA	8.5	NA
Medium Silt	ASTM_D422			NA	NA	16.5	NA	NA	NA	NA	NA	NA	NA	12	NA	26.9	NA	36.3	NA
Fine Silt	ASTM_D422			NA	NA	21.1	NA	NA	NA	NA	NA	NA	NA	12.8	NA	20.7	NA	14.9	NA
Very Fine Silt	ASTM_D422			NA	NA	18.2	NA	NA	NA	NA	NA	NA	NA	15.8	NA	18.4	NA	10.7	NA
Clay	ASTM_D422			NA	NA	32.3	NA	NA	NA	NA	NA	NA	NA	49.5	NA	25	NA	28.7	NA
Percent Fines (<0.06mm)	ASTM_D422			NA	NA	87.5	NA	NA	NA	NA	NA	NA	NA	92.2	NA	97.9	NA	99.1	NA
Metals - Total (mg/kg)																			
Arsenic	SW6010B	57	93	20	NA	20 U	NA	20 U	NA	40 U	NA	90	NA	20	NA	20	NA	40	NA
Cadmium	SW6010B	5.1	6.7	6.3	NA	8.3	NA	31	NA	9.0	NA	11	NA	6.2	NA	4.5	NA	4.0	NA
Chromium	SW6010B	260	270	117	NA	67 J	NA	81	NA	74	NA	74	NA	57 J	NA	63	NA	55	NA
Copper	SW6010B	390	390	150	NA	245	NA	278 J	NA	311	NA	382	NA	352	NA	397 J	NA	413	NA
Lead	SW6010B	450	530	332	NA	142	NA	202	NA	210	NA	211	NA	237	NA	230	NA	240	NA
Mercury	SW7471A	0.41	0.59	2.2 J	NA	0.57 J	NA	13 J	NA	0.80 J	NA	0.73	NA	0.36 J	NA	0.25 J	NA	0.30 J	NA
Silver	SW6010B	6.1	6.1	0.70 U	NA	1.0 U	NA	1.0 U	NA	2.0 U	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	2.0 U	NA
Zinc	SW6010B	410	960	2810	NA	2040 J	NA	1910	NA	2090	NA	2320	NA	652 J	NA	812	NA	565	NA
PCBs (mg/kg DW)[3]																			
Aroclor 1221	SW8082			0.51 U	NA	1.0 U	NA	0.52 U	NA	2.7 U	NA	1.4 U	NA	0.053 U	NA	0.027 U	NA	0.21 U	NA
Aroclor 1232	SW8082			0.51 U	NA	1.0 U	NA	0.52 U	NA	2.7 U	NA	1.4 U	NA	0.053 U	NA	0.027 U	NA	0.21 U	NA
Aroclor 1242	SW8082			0.51 U	NA	1.0 U	NA	0.52 U	NA	2.7 U	NA	22	NA	0.053 U	NA	0.027 U	NA	0.21 U	NA
Aroclor 1016	SW8082			0.51 U	NA	1.0 U	NA	0.52 U	NA	2.7 U	NA	1.4 U	NA	0.053 U	NA	0.027 U	NA	0.21 U	NA
Aroclor 1248	SW8082			3.9 U	NA	19	NA	2.6 U	NA	27 U	NA	1.4 U	NA	0.13 U	NA	0.04 U	NA	0.53 U	NA
Aroclor 1254	SW8082			2.1	NA	14	NA	10	NA	17	NA	21	NA	0.38	NA	0.084	NA	0.94	NA
Aroclor 1260	SW8082			0.51	NA	1.5 U	NA	0.77 U	NA	2.7 U	NA	1.4 U	NA	0.21	NA	0.032	NA	0.36	NA
Total PCBs	SW8082	0.13	1.0	2.6	NA	33	NA	10	NA	17	NA	43	NA	0.59	NA	0.12	NA	1.3	NA
PAHs (mg/kg DW)[4]																			
Naphthalene	SW8270D	2.1	2.4	NA	0.12	NA	0.20	NA	NA	NA	0.14 U	NA	NA	NA	0.13	NA	NA	NA	0.39 U
Acenaphthylene	SW8270D	1.3	1.3	NA	0.12 U	NA	0.043 J	NA	NA	NA	0.14 U	NA	NA	NA	0.029 J	NA	NA	NA	0.39 U
Acenaphthene	SW8270D	0.5	0.73	NA	0.12 U	NA	0.072	NA	NA	NA	0.14 U	NA	NA	NA	0.077	NA	NA	NA	0.39 U
Fluorene	SW8270D	0.54	1.0	NA	0.12 U	NA	0.14	NA	NA	NA	0.14 U	NA	NA	NA	0.17	NA	NA	NA	0.39 U
Phenanthrene	SW8270D	1.5	5.4	NA	0.94	NA	0.92	NA	NA	NA	0.48	NA	NA	NA	2.0	NA	NA	NA	4.8
Anthracene	SW8270D	0.96	4.4	NA	0.12 U	NA	0.097	NA	NA	NA	0.14 U	NA	NA	NA	0.14	NA	NA	NA	0.39 U
1-Methylnaphthalene	SW8270D			NA	0.12 U	NA	0.22 U	NA	NA	NA	0.14 U	NA	NA	NA	0.18 U	NA	NA	NA	0.39 U

Table 6
Summary of Results for Filtered Suspended Solids Samples in the NBF North Lateral Storm Drain

Location ID				MH133D	MH133D	MH133D	MH133D	MH152	MH152	MH152	MH152	MH152	MH152	MH138	MH138	MH138	MH138	CB165	CB165	CB165	CB165
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9
Collection Date	Method	SQS/LAET	CSL/2LAET	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010
2-Methylnaphthalene	SW8270D	0.67	1.4	NA	NA	NA	0.91 U	NA	0.12	NA	NA	NA	0.11	NA	NA	NA	0.83 U	NA	0.12	NA	NA
Fluoranthene	SW8270D	1.7	2.5	NA	NA	NA	22	NA	12	NA	NA	NA	4.8	NA	NA	NA	4.0	NA	1.3	NA	NA
Pyrene	SW8270D	2.6	3.3	NA	NA	NA	14	NA	2.3 J	NA	NA	NA	2.8	NA	NA	NA	3.5	NA	1.3	NA	NA
Benzo(a)anthracene	SW8270D	1.3	1.6	NA	NA	NA	8.3	NA	0.69	NA	NA	NA	0.50	NA	NA	NA	0.83 U	NA	0.44	NA	NA
Chrysene	SW8270D	1.4	2.8	NA	NA	NA	11	NA	4.0 J	NA	NA	NA	3.0	NA	NA	NA	2.0	NA	0.87	NA	NA
Benzo(b)fluoranthene	SW8270D			NA	NA	NA	8.3 J	NA	1.7 J	NA	NA	NA	1.9 J	NA	NA	NA	1.2 J	NA	0.52 J	NA	NA
Benzo(k)fluoranthene	SW8270D			NA	NA	NA	8.3 J	NA	1.7 J	NA	NA	NA	1.9 J	NA	NA	NA	1.2 J	NA	0.52 J	NA	NA
Total benzofluoranthenes	SW8270D	3.2	3.6	NA	NA	NA	17	NA	3.4	NA	NA	NA	3.8	NA	NA	NA	2.4	NA	1.0	NA	NA
Benzo(a)pyrene	SW8270D	1.6	3.0	NA	NA	NA	9.8	NA	0.57	NA	NA	NA	0.93	NA	NA	NA	1.3	NA	0.52	NA	NA
Indeno(1,2,3-cd)pyrene	SW8270D	0.6	0.69	NA	NA	NA	6.2	NA	1.2	NA	NA	NA	1.3	NA	NA	NA	1.1	NA	0.37	NA	NA
Dibenz(a,h)anthracene	SW8270D	0.23	0.54	NA	NA	NA	2.7	NA	0.33	NA	NA	NA	0.34	NA	NA	NA	0.83 U	NA	0.14	NA	NA
Benzo(g,h,i)perylene	SW8270D	0.67	0.72	NA	NA	NA	6.8	NA	1.2	NA	NA	NA	1.6	NA	NA	NA	1.5	NA	0.48	NA	NA
Total LPAH[5]	SW8270D	5.2	13	NA	NA	NA	18	NA	3.3	NA	NA	NA	2.5	NA	NA	NA	1.8	NA	1.2	NA	NA
Total HPAH[6]	SW8270D	12	17	NA	NA	NA	97	NA	26	NA	NA	NA	19	NA	NA	NA	16	NA	6.5	NA	NA
Dibenzofuran	SW8270D	0.54	0.70	NA	NA	NA	0.91 U	NA	0.24	NA	NA	NA	0.20	NA	NA	NA	0.83 U	NA	0.071	NA	NA
Dioxins and Furans (pg/g DW)[7]																					
2,3,7,8-TCDD	E1613			NA	2.02	NA	NA	NA	NA	NA	1.91	NA	NA	NA	0.793 U	NA	NA	NA	NA	NA	1.44 J
1,2,3,7,8-PECDD	E1613			NA	9.27 J	NA	NA	NA	NA	NA	12.5	NA	NA	NA	3.68 U	NA	NA	NA	NA	NA	6.6 J
1,2,3,4,7,8-HXCDD	E1613			NA	14.9	NA	NA	NA	NA	NA	43.5	NA	NA	NA	6.93 J	NA	NA	NA	NA	NA	30.6
1,2,3,6,7,8-HXCDD	E1613			NA	28.2	NA	NA	NA	NA	NA	44.1	NA	NA	NA	12.8 J	NA	NA	NA	NA	NA	30.1
1,2,3,7,8,9-HXCDD	E1613			NA	29.6	NA	NA	NA	NA	NA	69.4	NA	NA	NA	17.1 J	NA	NA	NA	NA	NA	82.6
1,2,3,4,6,7,8-HPCDD	E1613			NA	421	NA	NA	NA	NA	NA	742	NA	NA	NA	240	NA	NA	NA	NA	NA	755
OCDD	E1613			NA	3750 B	NA	NA	NA	NA	NA	3680 B	NA	NA	NA	1750 B	NA	NA	NA	NA	NA	5140 B
2,3,7,8-TCDF	E1613			NA	26.4	NA	NA	NA	NA	NA	16	NA	NA	NA	10.9	NA	NA	NA	NA	NA	41.5
1,2,3,7,8-PECDF	E1613			NA	6.1 J	NA	NA	NA	NA	NA	5.47 J	NA	NA	NA	3.68 U	NA	NA	NA	NA	NA	10.2
2,3,4,7,8-PECDF	E1613			NA	12.3	NA	NA	NA	NA	NA	10.2	NA	NA	NA	11.7 J	NA	NA	NA	NA	NA	27.4
1,2,3,4,7,8-HXCDF	E1613			NA	11.8	NA	NA	NA	NA	NA	20.4	NA	NA	NA	19.4 J	NA	NA	NA	NA	NA	24.3
1,2,3,6,7,8-HXCDF	E1613			NA	9 J	NA	NA	NA	NA	NA	13.2	NA	NA	NA	9.29 J	NA	NA	NA	NA	NA	11.3
1,2,3,7,8,9-HXCDF	E1613			NA	0.88 U	NA	NA	NA	NA	NA	0.422 J	NA	NA	NA	0.483 U	NA	NA	NA	NA	NA	0.494 J
2,3,4,6,7,8-HXCDF	E1613			NA	13.1	NA	NA	NA	NA	NA	8.6 J	NA	NA	NA	6.01 J	NA	NA	NA	NA	NA	9.61 J
1,2,3,4,6,7,8-HPCDF	E1613			NA	92.3	NA	NA	NA	NA	NA	107	NA	NA	NA	53.3	NA	NA	NA	NA	NA	76.7
1,2,3,4,7,8,9-HPCDF	E1613			NA	7.18 J	NA	NA	NA	NA	NA	9.49	NA	NA	NA	8.16 J	NA	NA	NA	NA	NA	7.08 J
OCDF	E1613			NA	189 B	NA	NA	NA	NA	NA	124 B	NA	NA	NA	120 B	NA	NA	NA	NA	NA	145 B
TOTAL TEQ, ND*0	E1613			NA	34.8	NA	NA	NA	NA	NA	48.9	NA	NA	NA	15.3	NA	NA	NA	NA	NA	49.6
TOTAL TEQ, ND*0.5	E1613			NA	34.9	NA	NA	NA	NA	NA	48.9	NA	NA	NA	17.6	NA	NA	NA	NA	NA	49.6

Table 6
Summary of Results for Filtered Suspended Solids Samples in the NBF North Lateral Storm Drain

Location ID				CB165	CB165	CB173	CB173	CB173	CB173	CB173	CB173	CB173	CB173	MH178	MH178	MH178	MH178	MH178	MH178
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Base Flow 2	Base Flow 2	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	6/30/2010	6/30/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010
2-Methylnaphthalene	SW8270D	0.67	1.4	NA	0.13	NA	0.21	NA	NA	NA	0.14 U	NA	NA	NA	0.087	NA	NA	NA	0.39 U
Fluoranthene	SW8270D	1.7	2.5	NA	1.6	NA	1.2	NA	NA	NA	0.86	NA	NA	NA	3.7	NA	NA	NA	12
Pyrene	SW8270D	2.6	3.3	NA	1.3	NA	1.4	NA	NA	NA	0.76	NA	NA	NA	3.1	NA	NA	NA	6.0
Benzo(a)anthracene	SW8270D	1.3	1.6	NA	0.43	NA	0.27	NA	NA	NA	0.17	NA	NA	NA	0.72	NA	NA	NA	1.3
Chrysene	SW8270D	1.4	2.8	NA	1.0	NA	1.0	NA	NA	NA	0.76	NA	NA	NA	2.9	NA	NA	NA	6.8
Benzo(b)fluoranthene	SW8270D			NA	0.57 J	NA	0.58 J	NA	NA	NA	0.36 J	NA	NA	NA	1.9 J	NA	NA	NA	4.6 J
Benzo(k)fluoranthene	SW8270D			NA	0.57 J	NA	0.58 J	NA	NA	NA	0.36 J	NA	NA	NA	1.9 J	NA	NA	NA	4.6 J
Total benzofluoranthenes	SW8270D	3.2	3.6	NA	1.1	NA	1.2	NA	NA	NA	0.72	NA	NA	NA	3.8	NA	NA	NA	9.2
Benzo(a)pyrene	SW8270D	1.6	3.0	NA	0.57	NA	0.44	NA	NA	NA	0.24	NA	NA	NA	1.3	NA	NA	NA	2.3
Indeno(1,2,3-cd)pyrene	SW8270D	0.6	0.69	NA	0.44	NA	0.40	NA	NA	NA	0.24	NA	NA	NA	1.7	NA	NA	NA	2.6
Dibenz(a,h)anthracene	SW8270D	0.23	0.54	NA	0.17	NA	0.15	NA	NA	NA	0.14 U	NA	NA	NA	0.63	NA	NA	NA	0.70
Benzo(g,h,i)perylene	SW8270D	0.67	0.72	NA	0.80	NA	0.58	NA	NA	NA	0.59	NA	NA	NA	1.7	NA	NA	NA	2.9
Total LPAH[5]	SW8270D	5.2	13	NA	1.1	NA	1.5	NA	NA	NA	0.48	NA	NA	NA	2.5	NA	NA	NA	4.8
Total HPAH[6]	SW8270D	12	17	NA	7.5	NA	6.6	NA	NA	NA	4.3	NA	NA	NA	20	NA	NA	NA	44
Dibenzofuran	SW8270D	0.54	0.70	NA	0.12 U	NA	0.13	NA	NA	NA	0.14 U	NA	NA	NA	0.18	NA	NA	NA	0.39 U
Dioxins and Furans (pg/g DW)[7]																			
2,3,7,8-TCDD	E1613			NA	NA	NA	NA	NA	2.22 J	NA	NA	NA	2.07 J	NA	NA	NA	1.79 J	NA	NA
1,2,3,7,8-PECDD	E1613			NA	NA	NA	NA	NA	12.1 J	NA	NA	NA	9.87 D	NA	NA	NA	7.69 J	NA	NA
1,2,3,4,7,8-HXCDD	E1613			NA	NA	NA	NA	NA	18.8	NA	NA	NA	17.4 D	NA	NA	NA	10.5 J	NA	NA
1,2,3,6,7,8-HXCDD	E1613			NA	NA	NA	NA	NA	39.6	NA	NA	NA	33.5 D	NA	NA	NA	22.5	NA	NA
1,2,3,7,8,9-HXCDD	E1613			NA	NA	NA	NA	NA	41	NA	NA	NA	32.9 D	NA	NA	NA	28.4	NA	NA
1,2,3,4,6,7,8-HPCDD	E1613			NA	NA	NA	NA	NA	656	NA	NA	NA	590 D	NA	NA	NA	372	NA	NA
OCDD	E1613			NA	NA	NA	NA	NA	5580 B	NA	NA	NA	4190 D	NA	NA	NA	2880 B	NA	NA
2,3,7,8-TCDF	E1613			NA	NA	NA	NA	NA	79	NA	NA	NA	53.2	NA	NA	NA	5	NA	NA
1,2,3,7,8-PECDF	E1613			NA	NA	NA	NA	NA	14.2	NA	NA	NA	11 D	NA	NA	NA	2.54 J	NA	NA
2,3,4,7,8-PECDF	E1613			NA	NA	NA	NA	NA	48	NA	NA	NA	41.3 D	NA	NA	NA	4.13 J	NA	NA
1,2,3,4,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	102	NA	NA	NA	108 D	NA	NA	NA	7.16 J	NA	NA
1,2,3,6,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	48.6	NA	NA	NA	49.4 D	NA	NA	NA	5.65 J	NA	NA
1,2,3,7,8,9-HXCDF	E1613			NA	NA	NA	NA	NA	2.11 U	NA	NA	NA	1.2 J	NA	NA	NA	0.343 J	NA	NA
2,3,4,6,7,8-HXCDF	E1613			NA	NA	NA	NA	NA	17.8	NA	NA	NA	15.1 D	NA	NA	NA	5.72 J	NA	NA
1,2,3,4,6,7,8-HPCDF	E1613			NA	NA	NA	NA	NA	169	NA	NA	NA	164 D	NA	NA	NA	79.2	NA	NA
1,2,3,4,7,8,9-HPCDF	E1613			NA	NA	NA	NA	NA	31	NA	NA	NA	34.5 D	NA	NA	NA	5.04 J	NA	NA
OCDF	E1613			NA	NA	NA	NA	NA	375 B	NA	NA	NA	275 D	NA	NA	NA	151 B	NA	NA
TOTAL TEQ, ND*0	E1613			NA	NA	NA	NA	NA	74.2	NA	NA	NA	65	NA	NA	NA	24.8	NA	NA
TOTAL TEQ, ND*0.5	E1613			NA	NA	NA	NA	NA	74.3	NA	NA	NA	65	NA	NA	NA	24.8	NA	NA

Table 6
Summary of Results for Filtered Suspended Solids Samples in the NBF North Lateral Storm Drain

Location ID				MH133D	MH133D	MH133D	MH133D	MH152	MH152	MH152	MH152	MH152	MH152	MH138	MH138	MH138	MH138	CB165	CB165	CB165	CB165
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9
Collection Date	Method	SQS/LAET	CSL/2LAET	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010

MRLs reported for all undetected results

Green highlighting indicates chemical not detected at a reporting limit that exceeds the SQS/LAET

Gray highlighting indicates exceedance of the SQS/LAET

Red highlighting indicates exceedance of the CSL/2LAET

NA - Not available

1. Estimated mass of total solids that accounts for the aliquots removed for analysis of metals and grain size.
2. Actual mass of total solids analyzed for PCBs.
3. ug of PCBs divided by solids extracted for PCBs.
4. ug of PAH divided by estimated mass of total solids from PCB filter.
5. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene
6. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene
7. pg of dioxin divided by total extracted solids.
8. Total stormwater volume calculated from regression for Events 6 and 10

B - Analyte detedted in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

SQS/LAET - Sediment Quality Standards/Lowest Apparent Effects Threshold

CSL/2LAET - Cleanup Screening Level/Second Lowest Apparent Effects Threshold

Table 7
Summary of Results for Filtered Suspended Solids Samples in Other NBF Storm Drain Laterals

Location ID				MH226	MH226	MH226	MH226	MH226	MH226	MH369	MH369	MH369	MH369	MH369	MH369	MH356	MH356	MH356	MH356	MH356	MH356
SD Lateral				North-Central	North-Central	North-Central	North-Central	North-Central	North-Central	South-Central	South-Central	South-Central	South-Central	South-Central	South-Central	South	South	South	South	South	South
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010
Estimated Total Solids (g/filter DW)[1]				20.6	NA	29	10.6	12.7	NA	16.2	NA	28.4	18.6	8.6	NA	20.6	NA	36.6	66.8	22.2	NA
Total Solids extracted for PCBs from (g/filter DW)[2]				20.2	NA	28.43	10.63	12.39	NA	15.61	NA	27.67	18.59	8.28	NA	19.76	NA	34.75	66.79	21.04	NA
Volume of water through filter (liters)				31,815	39,350	8,024	9,589	12,433	14,100	7,802	7,457	16,598	15,142	16,456	14,942	16,478	17,071	15,985	16,051	23,992	23,647
Calculated TSS (mg/L)				0.6	NA	3.6	1.1	1.0	NA	2.1	NA	1.7	1.2	0.5	NA	1.3	NA	2.3	4.2	0.9	NA
Total Stormwater Flow (L)[8]				679,100	679,100	417,100	417,100	524,000	524,000	NA	NA	NA	NA	NA	NA	1,594,000	1,594,000	1,523,000	1,523,000	1,352,000	1,352,000
Grain Size (%)																					
Gravel	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Very Coarse Sand	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Sand	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Sand	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Sand	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Very Fine Sand	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Coarse Silt	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Medium Silt	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fine Silt	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Very Fine Silt	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Clay	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent Fines (<0.06mm	ASTM_D422			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Metals - Total (mg/kg)																					
Arsenic	SW6010B	57	93	40 U	NA	40	NA	60	NA	90 U	NA	70	NA	70	NA	60 U	NA	50 U	NA	70 U	NA
Cadmium	SW6010B	5.1	6.7	10	NA	13	NA	22	NA	9.0	NA	6.0	NA	5.0	NA	16	NA	14	NA	14	NA
Chromium	SW6010B	260	270	56 J	NA	97	NA	132	NA	108 J	NA	98	NA	80	NA	94 J	NA	98	NA	101	NA
Copper	SW6010B	390	390	211	NA	291 J	NA	469	NA	133	NA	111 J	NA	86	NA	226	NA	254 J	NA	250	NA
Lead	SW6010B	450	530	200	NA	308	NA	300	NA	130	NA	90	NA	60	NA	180	NA	250	NA	200	NA
Mercury	SW7471A	0.41	0.59	0.40 J	NA	0.30 J	NA	0.30 J	NA	0.20 J	NA	0.20 J	NA	0.10 J	NA	0.30 J	NA	0.30 J	NA	0.30 J	NA
Silver	SW6010B	6.1	6.1	2.0 U	NA	1.0 U	NA	3.0 U	NA	5.0 U	NA	4.0 U	NA	4.0 U	NA	3.0 U	NA	3.0 U	NA	4.0 U	NA
Zinc	SW6010B	410	960	1170 J	NA	1710	NA	2540	NA	820 J	NA	630	NA	630	NA	1420 J	NA	1460	NA	1320	NA
PCBs (mg/kg DW)[3]																					
Aroclor 1221	SW8082			0.05 U	NA	0.07 U	NA	0.081 U	NA	0.16 U	NA	0.036 U	NA	0.12 U	NA	0.13 U	NA	0.029 U	NA	0.095 U	NA
Aroclor 1232	SW8082			0.05 U	NA	0.07 U	NA	0.081 U	NA	0.16 U	NA	0.036 U	NA	0.12 U	NA	0.13 U	NA	0.029 U	NA	0.095 U	NA
Aroclor 1242	SW8082			0.05 U	NA	0.07 U	NA	0.081 U	NA	0.16 U	NA	0.036 U	NA	0.12 U	NA	0.13 U	NA	0.029 U	NA	0.095 U	NA
Aroclor 1016	SW8082			0.05 U	NA	0.07 U	NA	0.081 U	NA	0.16 U	NA	0.036 U	NA	0.12 U	NA	0.13 U	NA	0.029 U	NA	0.095 U	NA
Aroclor 1248	SW8082			0.074 U	NA	0.18 U	NA	0.081 U	NA	0.16 U	NA	0.043 U	NA	0.14 U	NA	0.31 U	NA	0.12 U	NA	0.14 U	NA
Aroclor 1254	SW8082			0.16	NA	0.39	NA	0.19	NA	0.55	NA	0.13	NA	0.36	NA	0.61	NA	0.21	NA	0.30	NA
Aroclor 1260	SW8082			0.18	NA	0.15	NA	0.31	NA	0.51	NA	0.098	NA	0.33	NA	0.21	NA	0.055	NA	0.17	NA
Total PCBs	SW8082	0.13	1.0	0.34	NA	0.54	NA	0.50	NA	1.1	NA	0.23	NA	0.69	NA	0.82	NA	0.27	NA	0.47	NA
PAHs (mg/kg DW)[4]																					
Naphthalene	SW8270D	2.1	2.4	NA	0.12	NA	NA	NA	0.24 U	NA	0.10	NA	NA	NA	0.14	NA	0.17 J	NA	NA	NA	0.23
Acenaphthylene	SW8270D	1.3	1.3	NA	0.019 J	NA	NA	NA	0.24 U	NA	0.019 J	NA	NA	NA	0.12 U	NA	0.034 J	NA	NA	NA	0.14 U
Acenaphthene	SW8270D	0.5	0.73	NA	0.044	NA	NA	NA	0.24 U	NA	0.068	NA	NA	NA	0.12 U	NA	0.13 J	NA	NA	NA	0.29

Table 7
Summary of Results for Filtered Suspended Solids Samples in Other NBF Storm Drain Laterals

Location ID				CB423	CB423	CB423	CB423	CB423	MH434	MH434	MH434	MH434	MH434	MH434
SD Lateral				Bldg 3-380	Bldg 3-380	Bldg 3-380	Bldg 3-380	Bldg 3-380	Parking Lot	Parking Lot	Parking Lot	Parking Lot	Parking Lot	Parking Lot
Filter				A	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 9	Event 9B	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9B	Event 9B	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	5/20/2010	5/28/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/28/2010	5/28/2010	6/2/2010	6/2/2010
Estimated Total Solids (g/filter DW)[1]				37.6	6.4	13.5	7.3	NA	12.9	NA	31.9	57.8	19.3	NA
Total Solids extracted for PCBs from (g/filter DW)[2]				32.53	6.34	13.45	7.04	NA	12.46	NA	28.16	57.85	17.01	NA
Volume of water through filter (liters)				3,986	7,617	3,906	16,668	5,680	4,997	8,060	23,630	36,212	36,575	23,848
Calculated TSS (mg/L)				9.4	0.8	3.5	0.4	NA	2.6	NA	1.3	1.6	0.5	NA
Total Stormwater Flow (L)[8]				57,420	87,970	87,970	85,210	85,210	NA	NA	NA	NA	NA	NA
Grain Size (%)														
Gravel	ASTM_D422			1.2	NA	NA	NA	NA	NA	NA	0.1	NA	0.2	NA
Very Coarse Sand	ASTM_D422			1.6	NA	NA	NA	NA	NA	NA	0.1	NA	0.5	NA
Coarse Sand	ASTM_D422			1.8	NA	NA	NA	NA	NA	NA	0.3	NA	0.6	NA
Medium Sand	ASTM_D422			3.6	NA	NA	NA	NA	NA	NA	0.3	NA	0.6	NA
Fine Sand	ASTM_D422			5.6	NA	NA	NA	NA	NA	NA	0.1	NA	0.4	NA
Very Fine Sand	ASTM_D422			4.6	NA	NA	NA	NA	NA	NA	0.1	NA	0.2	NA
Coarse Silt	ASTM_D422			2	NA	NA	NA	NA	NA	NA	16.6	NA	13.9	NA
Medium Silt	ASTM_D422			15.9	NA	NA	NA	NA	NA	NA	31	NA	30.9	NA
Fine Silt	ASTM_D422			15.6	NA	NA	NA	NA	NA	NA	15.3	NA	21.8	NA
Very Fine Silt	ASTM_D422			8.5	NA	NA	NA	NA	NA	NA	13.5	NA	15.5	NA
Clay	ASTM_D422			39.7	NA	NA	NA	NA	NA	NA	22.6	NA	15.8	NA
Percent Fines (<0.06mm	ASTM_D422			81.7	NA	NA	NA	NA	NA	NA	99	NA	97.5	NA
Metals - Total (mg/kg)														
Arsenic	SW6010B	57	93	30 U	10 U	NA	20 U	NA	60	NA	39	NA	90	NA
Cadmium	SW6010B	5.1	6.7	5.0	4.4	NA	5.0	NA	3.4	NA	3.4	NA	5.1	NA
Chromium	SW6010B	260	270	114	65 J	NA	110	NA	76 J	NA	65.8 J	NA	93	NA
Copper	SW6010B	390	390	264 J	92	NA	153	NA	130	NA	83.3	NA	162	NA
Lead	SW6010B	450	530	190	88	NA	132	NA	146	NA	219	NA	236	NA
Mercury	SW7471A	0.41	0.59	0.20 J	0.090	NA	0.26 J	NA	0.1 J	NA	0.13	NA	0.20 J	NA
Silver	SW6010B	6.1	6.1	2.0 U	0.60 U	NA	0.90 U	NA	1.0 U	NA	0.50 U	NA	0.80 U	NA
Zinc	SW6010B	410	960	1360	1630	NA	1860	NA	923 J	NA	941	NA	1350	NA
PCBs (mg/kg DW)[3]														
Aroclor 1221	SW8082			0.031 U	0.16 U	NA	0.36 U	NA	0.08 U	NA	0.071 U	NA	0.059 U	NA
Aroclor 1232	SW8082			0.031 U	0.16 U	NA	0.36 U	NA	0.08 U	NA	0.071 U	NA	0.059 U	NA
Aroclor 1242	SW8082			0.031 U	0.16 U	NA	0.36 U	NA	0.08 U	NA	0.071 U	NA	0.059 U	NA
Aroclor 1016	SW8082			0.031 U	0.16 U	NA	0.36 U	NA	0.08 U	NA	0.071 U	NA	0.059 U	NA
Aroclor 1248	SW8082			0.061 U	0.63 U	NA	0.71 U	NA	0.3 U	NA	0.28 U	NA	0.24 U	NA
Aroclor 1254	SW8082			0.092	0.38 J	NA	0.82	NA	0.47	NA	0.31 J	NA	0.34	NA
Aroclor 1260	SW8082			0.083	0.36 J	NA	0.97	NA	0.29	NA	0.26 J	NA	0.27	NA
Total PCBs	SW8082	0.13	1.0	0.18	0.74	NA	1.8	NA	0.76	NA	0.57	NA	0.61	NA
PAHs (mg/kg DW)[4]														
Naphthalene	SW8270D	2.1	2.4	NA	NA	NA	NA	0.41 U	NA	0.27	NA	NA	NA	0.17
Acenaphthylene	SW8270D	1.3	1.3	NA	NA	NA	NA	0.41 U	NA	0.047 J	NA	NA	NA	0.13 U
Acenaphthene	SW8270D	0.5	0.73	NA	NA	NA	NA	0.41 U	NA	0.11	NA	NA	NA	0.13 U

Table 7
Summary of Results for Filtered Suspended Solids Samples in Other NBF Storm Drain Laterals

Location ID				MH226	MH226	MH226	MH226	MH226	MH226	MH369	MH369	MH369	MH369	MH369	MH369	MH356	MH356	MH356	MH356	MH356	MH356
SD Lateral				North-Central	North-Central	North-Central	North-Central	North-Central	North-Central	South-Central	South-Central	South-Central	South-Central	South-Central	South-Central	South	South	South	South	South	South
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010
Fluorene	SW8270D	0.54	1.0	NA	0.11	NA	NA	NA	0.24 U	NA	0.13	NA	NA	NA	0.12	NA	0.19 J	NA	NA	NA	0.24
Phenanthrene	SW8270D	1.5	5.4	NA	2.9	NA	NA	NA	5.0	NA	0.99	NA	NA	NA	0.78	NA	1.7 J	NA	NA	NA	5.0
Anthracene	SW8270D	0.96	4.4	NA	0.14	NA	NA	NA	0.25	NA	0.099	NA	NA	NA	0.12 U	NA	1.6 J	NA	NA	NA	0.25
1-Methylnaphthalene	SW8270D			NA	0.097 U	NA	NA	NA	0.24 U	NA	0.15 U	NA	NA	NA	0.12 U	NA	0.18 U	NA	NA	NA	0.14 U
2-Methylnaphthalene	SW8270D	0.67	1.4	NA	0.078	NA	NA	NA	0.24 U	NA	0.093	NA	NA	NA	0.13	NA	0.17 J	NA	NA	NA	0.14
Fluoranthene	SW8270D	1.7	2.5	NA	7.8	NA	NA	NA	12	NA	1.5	NA	NA	NA	1.3	NA	18 J	NA	NA	NA	18 J
Pyrene	SW8270D	2.6	3.3	NA	2.9	NA	NA	NA	6.6	NA	0.86	NA	NA	NA	1.1	NA	4.3 J	NA	NA	NA	6.8
Benzo(a)anthracene	SW8270D	1.3	1.6	NA	0.53	NA	NA	NA	1.6	NA	0.38	NA	NA	NA	0.36	NA	1.2 J	NA	NA	NA	1.9
Chrysene	SW8270D	1.4	2.8	NA	4.0	NA	NA	NA	7.9	NA	0.99	NA	NA	NA	1.0	NA	9.7 J	NA	NA	NA	9.9
Benzo(b)fluoranthene	SW8270D			NA	1.4 J	NA	NA	NA	6.2 J	NA	0.43 J	NA	NA	NA	0.43 J	NA	6.8 J	NA	NA	NA	6.8 J
Benzo(k)fluoranthene	SW8270D			NA	1.4 J	NA	NA	NA	6.2 J	NA	0.43 J	NA	NA	NA	0.43 J	NA	6.8 J	NA	NA	NA	6.8 J
Total benzofluoranthene	SW8270D	3.2	3.6	NA	2.8	NA	NA	NA	12	NA	0.86	NA	NA	NA	0.86	NA	14	NA	NA	NA	14
Benzo(a)pyrene	SW8270D	1.6	3.0	NA	0.87	NA	NA	NA	3.7	NA	0.46 J	NA	NA	NA	0.42	NA	1.5 J	NA	NA	NA	3.5
Indeno(1,2,3-cd)pyrene	SW8270D	0.6	0.69	NA	1.4	NA	NA	NA	4.4	NA	0.31 J	NA	NA	NA	0.26	NA	1.7 J	NA	NA	NA	4.4
Dibenz(a,h)anthracene	SW8270D	0.23	0.54	NA	0.43	NA	NA	NA	1.3	NA	0.12 J	NA	NA	NA	0.12 U	NA	0.87 J	NA	NA	NA	1.4
Benzo(g,h,i)perylene	SW8270D	0.67	0.72	NA	1.5	NA	NA	NA	4.9	NA	0.40 J	NA	NA	NA	0.36	NA	1.3 J	NA	NA	NA	4.5
Total LPAH[5]	SW8270D	5.2	13	NA	3.3	NA	NA	NA	5.3	NA	1.4	NA	NA	NA	1.0	NA	3.8	NA	NA	NA	6.0
Total HPAH[6]	SW8270D	12	17	NA	22	NA	NA	NA	55	NA	5.9	NA	NA	NA	5.7	NA	52	NA	NA	NA	64
Dibenzofuran	SW8270D	0.54	0.7	NA	0.17	NA	NA	NA	0.36	NA	0.10	NA	NA	NA	0.13	NA	0.26 J	NA	NA	NA	0.37
Dioxins and Furans (pg/g DW)[7]																					
2,3,7,8-TCDD	E1613			NA	NA	NA	2.62 J	NA	NA	NA	NA	NA	0.282 U	NA	NA	NA	NA	NA	0.329 J	NA	NA
1,2,3,7,8-PECDD	E1613			NA	NA	NA	13.3 J	NA	NA	NA	NA	NA	2.61 J	NA	NA	NA	NA	NA	1.74 J	NA	NA
1,2,3,4,7,8-HXCDD	E1613			NA	NA	NA	19.4 J	NA	NA	NA	NA	NA	4.96 J	NA	NA	NA	NA	NA	2.84 J	NA	NA
1,2,3,6,7,8-HXCDD	E1613			NA	NA	NA	36.7	NA	NA	NA	NA	NA	9.84 J	NA	NA	NA	NA	NA	5.51	NA	NA
1,2,3,7,8,9-HXCDD	E1613			NA	NA	NA	44.9	NA	NA	NA	NA	NA	11.5 J	NA	NA	NA	NA	NA	6.57	NA	NA
1,2,3,4,6,7,8-HPCDD	E1613			NA	NA	NA	605	NA	NA	NA	NA	NA	195	NA	NA	NA	NA	NA	98.1	NA	NA
OCDD	E1613			NA	NA	NA	4000 B	NA	NA	NA	NA	NA	1440 B	NA	NA	NA	NA	NA	726 B	NA	NA
2,3,7,8-TCDF	E1613			NA	NA	NA	22.1	NA	NA	NA	NA	NA	34.1	NA	NA	NA	NA	NA	2.95	NA	NA
1,2,3,7,8-PECDF	E1613			NA	NA	NA	7.19 J	NA	NA	NA	NA	NA	4.58 J	NA	NA	NA	NA	NA	0.874 J	NA	NA
2,3,4,7,8-PECDF	E1613			NA	NA	NA	13.5 J	NA	NA	NA	NA	NA	13.6	NA	NA	NA	NA	NA	2.08 J	NA	NA
1,2,3,4,7,8-HXCDF	E1613			NA	NA	NA	13.4 J	NA	NA	NA	NA	NA	5.43 J	NA	NA	NA	NA	NA	2.17 J	NA	NA
1,2,3,6,7,8-HXCDF	E1613			NA	NA	NA	10.8 J	NA	NA	NA	NA	NA	3.79 J	NA	NA	NA	NA	NA	1.9 J	NA	NA
1,2,3,7,8,9-HXCDF	E1613			NA	NA	NA	1.1 U	NA	NA	NA	NA	NA	0.18 U	NA	NA	NA	NA	NA	0.11 U	NA	NA
2,3,4,6,7,8-HXCDF	E1613			NA	NA	NA	11.7 J	NA	NA	NA	NA	NA	5.59 J	NA	NA	NA	NA	NA	2.11 J	NA	NA
1,2,3,4,6,7,8-HPCDF	E1613			NA	NA	NA	110	NA	NA	NA	NA	NA	40.7	NA	NA	NA	NA	NA	22	NA	NA
1,2,3,4,7,8,9-HPCDF	E1613			NA	NA	NA	10.8 J	NA	NA	NA	NA	NA	3.01 U	NA	NA	NA	NA	NA	1.66 J	NA	NA
OCDF	E1613			NA	NA	NA	245 B	NA	NA	NA	NA	NA	115 B	NA	NA	NA	NA	NA	61.2 B	NA	NA
TOTAL TEQ, ND*0	E1613			NA	NA	NA	44.6	NA	NA	NA	NA	NA	17.2	NA	NA	NA	NA	NA	6.58	NA	NA
TOTAL TEQ, ND*0.5	E1613			NA	NA	NA	44.7	NA	NA	NA	NA	NA	17.3	NA	NA	NA	NA	NA	6.58	NA	NA

Table 7
Summary of Results for Filtered Suspended Solids Samples in Other NBF Storm Drain Laterals

Location ID				CB423	CB423	CB423	CB423	CB423	MH434	MH434	MH434	MH434	MH434	MH434
SD Lateral				Bldg 3-380	Bldg 3-380	Bldg 3-380	Bldg 3-380	Bldg 3-380	Parking Lot	Parking Lot	Parking Lot	Parking Lot	Parking Lot	Parking Lot
Filter				A	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 9	Event 9B	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9B	Event 9B	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	5/20/2010	5/28/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/28/2010	5/28/2010	6/2/2010	6/2/2010
Fluorene	SW8270D	0.54	1.0	NA	NA	NA	NA	0.41 U	NA	0.34	NA	NA	NA	0.13 U
Phenanthrene	SW8270D	1.5	5.4	NA	NA	NA	NA	0.53	NA	1.6	NA	NA	NA	2.1
Anthracene	SW8270D	0.96	4.4	NA	NA	NA	NA	0.41 U	NA	0.14	NA	NA	NA	0.13 U
1-Methylnaphthalene	SW8270D			NA	NA	NA	NA	0.41 U	NA	0.36 U	NA	NA	NA	0.13 U
2-Methylnaphthalene	SW8270D	0.67	1.4	NA	NA	NA	NA	0.41 U	NA	0.20	NA	NA	NA	0.23
Fluoranthene	SW8270D	1.7	2.5	NA	NA	NA	NA	0.73	NA	2.9	NA	NA	NA	4.2
Pyrene	SW8270D	2.6	3.3	NA	NA	NA	NA	0.63	NA	2.9	NA	NA	NA	3.1
Benzo(a)anthracene	SW8270D	1.3	1.6	NA	NA	NA	NA	0.41 U	NA	0.53	NA	NA	NA	0.78
Chrysene	SW8270D	1.4	2.8	NA	NA	NA	NA	0.51	NA	2.2	NA	NA	NA	2.3
Benzo(b)fluoranthene	SW8270D			NA	NA	NA	NA	0.41 U	NA	1.4 J	NA	NA	NA	2.0 J
Benzo(k)fluoranthene	SW8270D			NA	NA	NA	NA	0.41 U	NA	1.4 J	NA	NA	NA	2.0 J
Total benzofluoranthene	SW8270D	3.2	3.6	NA	NA	NA	NA	0.41 U	NA	2.8	NA	NA	NA	4.0
Benzo(a)pyrene	SW8270D	1.6	3.0	NA	NA	NA	NA	0.41 U	NA	0.93	NA	NA	NA	1.5
Indeno(1,2,3-cd)pyrene	SW8270D	0.6	0.69	NA	NA	NA	NA	0.41 U	NA	1.0	NA	NA	NA	1.3
Dibenz(a,h)anthracene	SW8270D	0.23	0.54	NA	NA	NA	NA	0.41 U	NA	0.40	NA	NA	NA	0.50
Benzo(g,h,i)perylene	SW8270D	0.67	0.72	NA	NA	NA	NA	0.48	NA	1.2	NA	NA	NA	1.7
Total LPAH[5]	SW8270D	5.2	13	NA	NA	NA	NA	0.53	NA	2.5	NA	NA	NA	2.3
Total HPAH[6]	SW8270D	12	17	NA	NA	NA	NA	2.4	NA	15	NA	NA	NA	19
Dibenzofuran	SW8270D	0.54	0.7	NA	NA	NA	NA	0.41 U	NA	0.25	NA	NA	NA	0.16
Dioxins and Furans (pg/g DW)[7]														
2,3,7,8-TCDD	E1613			NA	NA	2.16 J	NA	NA	NA	NA	NA	2.21	NA	NA
1,2,3,7,8-PECDD	E1613			NA	NA	11.2 J	NA	NA	NA	NA	NA	15.6	NA	NA
1,2,3,4,7,8-HXCDD	E1613			NA	NA	23.2	NA	NA	NA	NA	NA	30.1	NA	NA
1,2,3,6,7,8-HXCDD	E1613			NA	NA	46	NA	NA	NA	NA	NA	67.2	NA	NA
1,2,3,7,8,9-HXCDD	E1613			NA	NA	62.2	NA	NA	NA	NA	NA	66.4	NA	NA
1,2,3,4,6,7,8-HPCDD	E1613			NA	NA	833	NA	NA	NA	NA	NA	1300	NA	NA
OCDD	E1613			NA	NA	5460 B	NA	NA	NA	NA	NA	10100 B	NA	NA
2,3,7,8-TCDF	E1613			NA	NA	14.6	NA	NA	NA	NA	NA	12.8	NA	NA
1,2,3,7,8-PECDF	E1613			NA	NA	5.89 J	NA	NA	NA	NA	NA	5.64	NA	NA
2,3,4,7,8-PECDF	E1613			NA	NA	8.62 J	NA	NA	NA	NA	NA	13.6	NA	NA
1,2,3,4,7,8-HXCDF	E1613			NA	NA	13.7 J	NA	NA	NA	NA	NA	18.5	NA	NA
1,2,3,6,7,8-HXCDF	E1613			NA	NA	10.3 J	NA	NA	NA	NA	NA	22	NA	NA
1,2,3,7,8,9-HXCDF	E1613			NA	NA	0.512 J	NA	NA	NA	NA	NA	0.586 U	NA	NA
2,3,4,6,7,8-HXCDF	E1613			NA	NA	8.7 J	NA	NA	NA	NA	NA	21.3	NA	NA
1,2,3,4,6,7,8-HPCDF	E1613			NA	NA	126	NA	NA	NA	NA	NA	337	NA	NA
1,2,3,4,7,8,9-HPCDF	E1613			NA	NA	9.14 J	NA	NA	NA	NA	NA	15.4	NA	NA
OCDF	E1613			NA	NA	236 B	NA	NA	NA	NA	NA	557 B	NA	NA
TOTAL TEQ, ND*0	E1613			NA	NA	45.4	NA	NA	NA	NA	NA	65.6	NA	NA
TOTAL TEQ, ND*0.5	E1613			NA	NA	45.4	NA	NA	NA	NA	NA	65.6	NA	NA

Table 7
Summary of Results for Filtered Suspended Solids Samples in Other NBF Storm Drain Laterals

Location ID				MH226	MH226	MH226	MH226	MH226	MH226	MH369	MH369	MH369	MH369	MH369	MH369	MH356	MH356	MH356	MH356	MH356	MH356
SD Lateral				North-Central	North-Central	North-Central	North-Central	North-Central	North-Central	South-Central	South-Central	South-Central	South-Central	South-Central	South-Central	South	South	South	South	South	South
Filter				A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
Sampling Event				Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10	Event 8	Event 8	Event 9	Event 9	Event 10	Event 10
Collection Date	Method	SQS/LAET	CSL/2LAET	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010	4/27/2010	4/27/2010	5/20/2010	5/20/2010	6/2/2010	6/2/2010

MRLs reported for all undetected results

Green highlighting indicates chemical not detected at a reporting limit that exceeds the SQS/LAET

Gray highlighting indicates exceedance of the SQS/LAET

Red highlighting indicates exceedance of the CSL/2LAET

NA - Not available

1. Estimated mass of total solids that accounts for the aliquots removed for analysis of metals and grain size.

2. Actual mass of total solids analyzed for PCBs.

3. ug of PCBs divided by solids extracted for PCBs.

4. ug of PAH divided by estimated mass of total solids from PCB filter.

5. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene

6. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene

7. pg of dioxin divided by total extracted solids.

8. Total stormwater volume calculated from regression for Events 6 and 10

B - Analyte detected in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

indicates the presence

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

SQS/LAET - Sediment Quality Standard/Lowest Apparent Effects Threshold

CSL/2LAET - Cleanup Screening Level/Second Lowest Apparent Effects Threshold

Table 8
Summary of Results for Whole Water Samples at LS431

Sample ID Event Collection Date	Method	Criteria	Criteria Type	LS431 Event 6 2/11/2010	LS431 Event 7 3/29/2010	LS431 Event 8 4/27/2010	LS431 Event 9 5/20/2010	LS431 Event 10 6/2/2010	LS431 Base Flow 1 2/23/2010	LS431 Base Flow 2 6/30/2010
Total Stormwater Flow (L)[1]				3,230,000	16,260,000	5,868,000	4,901,000	5,187,000	10,400,000	7,108,000
Metals - Total (ug/L)										
Arsenic	EPA200.8	36	MWC	1.95	1.0	1.0	1.9	0.80	2.4	1.4
Cadmium	EPA200.8	9.3	MWC	4.6	0.40	0.30	0.60	0.20 U	17	0.20 U
Calcium	SW6010B			22200	5150	10900	9450	10200	27400	22600
Chromium	EPA200.8	57	FC	3.9	2.0	1.4	2.7	1.0	4.0	1.1
Copper	EPA200.8	3.1	MWC	2.5 U	9.6	7.1	14	5.0 U	0.85 J	2.2 U
Lead	EPA200.8	8.1	MWC	1.7	5.0	2.0	7.0	1.0	3.1 J	1.0 U
Magnesium	SW6010B			10200	1600	3860	3720	3830	14800	14200
Mercury	SW7470A	0.012	FC	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Nickel	EPA200.8	8.2	MWC	1.1 J	1.6	1.0	1.8	1.2	1.4 J	1.1
Selenium	EPA200.8	5	FC1	3.9 J	2.0 U	0.50 U	0.50 U	0.50 U	5.8 J	0.50 U
Silver	EPA200.8	1.9	MWA	0.040 U	0.20 U	0.20 U	0.20 U	0.20 U	0.040 J	0.20 U
Zinc	EPA200.8	81	MWC	38 J	61	44	69	41	17 J	13
Metals - Dissolved (ug/L)										
Arsenic	EPA200.8	36	MWC	0.95 U	0.50 U	0.50	0.50	0.40	0.95 U	0.60
Cadmium	EPA200.8	9.3	MWC	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chromium	EPA200.8	57	FC	1.15	0.50 U	0.50	0.50 U	0.50	1.6	0.50 U
Copper	EPA200.8	3.1	MWC	0.40 U	2.2	4.2	5.2	3.0 U	11 J	1.2
Lead	EPA200.8	8.1	MWC	0.20 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U
Mercury	SW7470A	0.012	FC	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Nickel	EPA200.8	8.2	MWC	1.1	0.50 U	0.90	0.80	0.70	1.5 J	1.0
Selenium	EPA200.8	5	FC1	1.0 U	2.0 U	0.50 U	0.50 U	0.50 U	1.0 J	0.50 U
Silver	EPA200.8	1.9	MWA	0.040 U	0.20 U	0.20 U	0.20 U	0.20 U	0.040 J	0.20 J
Zinc	EPA200.8	81	MWC	13 J	25	27	22	26	24	4.0 U
PCBs (ug/L)										
Aroclor 1221	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aroclor 1232	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aroclor 1242	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.014	0.016
Aroclor 1016	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aroclor 1248	SW8082			0.014	0.025 U	0.024 U	0.025 U	0.015 U	0.010 U	0.010 U
Aroclor 1254	SW8082			0.014	0.081	0.016	0.031	0.010 U	0.010 U	0.010 U
Aroclor 1260	SW8082			0.010 U	0.016	0.01 U	0.012	0.010 U	0.010 U	0.010 U
Total PCBs		0.014	FC	0.028	0.097	0.016	0.043	0.015 U	0.014	0.016
PAHs (ug/L)										
Naphthalene	SW8270DSIM			0.050	0.028	0.020	0.27	0.021	0.035	0.039
Acenaphthylene	SW8270DSIM			0.010 U	0.010 U	0.010 U	0.060	0.010 U	0.010 U	0.010 U
Acenaphthene	SW8270DSIM	990	HHO	0.030	0.014	0.022	0.029	0.021	0.078	0.071
Fluorene	SW8270DSIM	5300	HHO	0.010 U	0.010	0.010 U	0.22	0.010 U	0.010 U	0.010 U
Phenanthrene	SW8270DSIM			0.037	0.18	0.056	1.0	0.037	0.027	0.010 U
Anthracene	SW8270DSIM	40000	HHO	0.010 U	0.010 U	0.010 U	0.16	0.010 U	0.010 U	0.010 U
1-Methylnaphthalene	SW8270DSIM			0.047	0.014	0.017	0.11	0.010 U	0.010 U	0.010 U
2-Methylnaphthalene	SW8270DSIM			0.056	0.019	0.021 Q	0.16	0.010 U	0.011	0.010 U
Fluoranthene	SW8270DSIM	140	HHO	0.094	0.42	0.13	0.86	0.15	0.053	0.015 Q
Pyrene	SW8270DSIM	4000	HHO	0.069	0.26	0.064	0.37	0.088	0.041	0.012
Benzo(a)anthracene	SW8270DSIM	0.018	HHO	0.019	0.075	0.017	0.17	0.029 J	0.015	0.010 U
Chrysene	SW8270DSIM	0.018	HHO	0.070	0.18 Q	0.069	0.71	0.095	0.032	0.010
Benzo(b)fluoranthene	SW8270DSIM	0.018	HHO	0.042 J	0.14 J	0.042 J	0.30 J	0.064 J	0.025 J	1.0 U
Benzo(k)fluoranthene	SW8270DSIM	0.018	HHO	0.042 J	0.14 J	0.042 J	0.30 J	0.064 J	0.026 J	1.0 U
Total benzofluoranthenes	SW8270DSIM			0.084	0.28	0.084	0.60	0.13	0.051	0.017
Benzo(a)pyrene	SW8270DSIM	0.018	HHO	0.032	0.11	0.030	0.22	0.053 J	0.020	0.010 U
Indeno(1,2,3-cd)pyrene	SW8270DSIM	0.018	HHO	0.030	0.095	0.028	0.20	0.048	0.014	0.010 U
Dibenz(a,h)anthracene	SW8270DSIM	0.018	HHO	0.010 U	0.034	0.010	0.069	0.015	0.010 U	0.010 U
Benzo(g,h,i)perylene	SW8270DSIM			0.035	0.11	0.031	0.26	0.054	0.018	0.010 U
Total LPAH[2]	SW8270DSIM			0.12	0.23	0.098	1.7	0.079	0.14	0.11
Total HPAH[3]	SW8270DSIM			0.43	1.6	0.46	3.5	0.66	0.24	0.037
Chlorinated Hydrocarbons (ug/L)										
1,3-Dichlorobenzene	SW8260C	960	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	SW8260C	190	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	SW8260C	1300	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2,4-Trichlorobenzene	SW8260C	70	HHO	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobenzene	SW8270D	0.0003	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Phthalates (ug/L)										
Dimethylphthalate	SW8270D	1E+06	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Diethylphthalate	SW8270D	44000	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-Butylphthalate	SW8270D	4500	HHO	1.0 U	1.0 U	1.0 U	1.1	1.0 U	1.0 U	1.0 U
Di-n-Octyl phthalate	SW8270D			1.0 U	1.0 U	1.0 U	1.8	1.1	1.0 U	1.0 U
Butylbenzylphthalate	SW8270D	1900	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate	SW8270D	2.2	HHO	1.0 U	1.4 U	1.8 U	1.0 U	1.0 U	1.0 U	1.0 U

Table 8
Summary of Results for Whole Water Samples at LS431

Sample ID Event Collection Date	Method	Criteria	Criteria Type	LS431 Event 6 2/11/2010	LS431 Event 7 3/29/2010	LS431 Event 8 4/27/2010	LS431 Event 9 5/20/2010	LS431 Event 10 6/2/2010	LS431 Base Flow 1 2/23/2010	LS431 Base Flow 2 6/30/2010
Phenols (ug/L)										
Phenol	SW8270D	860000	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Methylphenol	SW8270D			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methylphenol	SW8270D			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4-Dimethylphenol	SW8270D	850	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	SW8270D	7.9	MWC	5.0 U	5.0 U	5.0 J	5.0 U	5.0 U	5.0 J	5.0 U
Miscellaneous Extractables (ug/L)										
Benzyl Alcohol	SW8270D			5.0 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzoic Acid	SW8270D			10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	SW8270DSIM			0.010 U	0.010	0.010 U	0.041	0.010 U	0.010 U	0.010 U
Hexachloroethane	SW8260C			NA	NA	NA	NA	NA	NA	1.0 U
Hexachlorobutadiene	SW8260C	18	HHO	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Nitrosodiphenylamine	SW8270D	6	HHO	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U
Volatile Organics (ug/L)										
Trichloroethene	SW8260C	30	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,1,2-Tetrachloroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2,2-Tetrachloroethane	SW8260C	4	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Ethylbenzene	SW8260C	2100	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
m, p-Xylene	SW8260C			0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
o-Xylene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Miscellaneous 8260 VOCs (ug/L)										
Acrolein	SW8260C	3	FWC	5.0 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Iodide	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acrylonitrile	SW8260C	0.25	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibromomethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dibromo-3-chloropropane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2,4-Trimethylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Ethylene Dibromide	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Bromochloromethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2,2-Dichloropropane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichloropropane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isopropylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
n-Propylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Bromobenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Chlorotoluene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Chlorotoluene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
tert-Butylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
sec-Butylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Isopropyltoluene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
n-Butylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2,3-Trichlorobenzene	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U
Vinyl Chloride	SW8260C	2.4	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Methylene Chloride	SW8260C	590	HHO	1.6	1.2	1.2	1.3	1.9	1.2	2.1
Acetone	SW8260C			5.1	7.1	9.6	8.5	7.6	5 U	7.8
Carbon Disulfide	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	SW8260C	7100	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,2-Dichloroethene	SW8260C	10000	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
cis-1,2-Dichloroethene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chloroform	SW8260C	470	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloroethane	SW8260C	37	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone	SW8260C			26	20	10	6	19	21	11 Q
1,1,1-Trichloroethane	SW8260C	16	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Carbon Tetrachloride	SW8260C	1.6	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Vinyl Acetate	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	SW8260C	17	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	SW8260C	15	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
cis-1,3-Dichloropropene	SW8260C	21	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibromochloromethane	SW8260C	13	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloroethane	SW8260C	16	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzene	SW8260C	51	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,3-Dichloropropene	SW8260C	21	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Chloroethylvinylether	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	SW8260C	140	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Methyl-2-Pentanone (MIBK)	SW8260C			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	SW8260C			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 8
Summary of Results for Whole Water Samples at LS431

Sample ID Event Collection Date	Method	Criteria	Criteria Type	LS431 Event 6 2/11/2010	LS431 Event 7 3/29/2010	LS431 Event 8 4/27/2010	LS431 Event 9 5/20/2010	LS431 Event 10 6/2/2010	LS431 Base Flow 1 2/23/2010	LS431 Base Flow 2 6/30/2010
Tetrachloroethene	SW8260C	3.3	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Toluene	SW8260C	15000	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chlorobenzene	SW8260C	1600	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Styrene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Miscellaneous 8270 SVOCs (ug/L)										
2,2'-Oxybis(1-Chloropropane)	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
2,4,5-Trichlorophenol	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
2,4,6-Trichlorophenol	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
2,4-Dichlorophenol	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
2,4-Dinitrophenol	SW8270D			NA	NA	NA	NA	NA	NA	10 U
2,4-Dinitrotoluene	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
2,6-Dinitrotoluene	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
2-Chloronaphthalene	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
2-Chlorophenol	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
2-Nitroaniline	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
2-Nitrophenol	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
3,3'-Dichlorobenzidine	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
3-Nitroaniline	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
4,6-Dinitro-2-Methylphenol	SW8270D			NA	NA	NA	NA	NA	NA	10 U
4-Bromophenyl-phenylether	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
4-Chloro-3-methylphenol	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
4-Chloroaniline	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
4-Chlorophenyl-phenylether	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
4-Nitroaniline	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
4-Nitrophenol	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
bis(2-Chloroethoxy) Methane	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
Bis-(2-Chloroethyl) Ether	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
Carbazole	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
Hexachlorocyclopentadiene	SW8270D			NA	NA	NA	NA	NA	NA	5.0 U
Isophorone	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
Nitrobenzene	SW8270D			NA	NA	NA	NA	NA	NA	1.0 J
N-Nitroso-Di-N-Propylamine	SW8270D			NA	NA	NA	NA	NA	NA	1.0 U
Conventionals										
pH (SU)	PH			7.45	6.82	7.07	7.07	7.69	7.43	7.7
Alkalinity (mg/L)	SM2320			116	24.9	55.4	53.2	59.1	172	172
Alkalinity as Carbonate (mg/L)	SM2320			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Alkalinity as Bicarbonate (mg/L)	SM2320			116	24.9	55.4	53.2	59.1	172	172
Alkalinity as Hydroxide (mg/L)	SM2320			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Hardness as CaCO3 - Total (mg/l)	SW6010B			89	19	43	39	41	110	110
TSS (mg/L)	EPA160.2			22.0 J	62.3 J	16.3	41.0	25.4	27.8	27.8
Chloride (mg/L)	EPA300.0			23.6	3.4	7.7	8.5	8.5	34.3	34.1
Nitrate (mg/L)	EPA300.0			0.30	0.10	0.20	0.20	0.20	0.30	0.60
Sulfate (mg/L)	EPA300.0			6.6	1.6	3.0	2.4	2.2	6.5	3.3
DOC (mg/L)	EPA415.1			5.05	2.76	3.51	5.22	3.79	5.29	6.35
TOC (mg/L)	EPA415.1			6.51	4.28	4.51	6.34	4.91	6.5	9.11

MRLs reported for all undetected results

Gray highlighting indicates exceedance of the listed WQC

Green highlighting indicates chemical not detected at a reporting limit that exceeds the water quality criteria

NA - Not available

1. Total stormwater volume calculated from regression for Events 6 and 10

2. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene

3. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, benzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene

(a) Limit is based on total recoverable fraction of the metal

(b) Chlorinated hydrocarbons analyzed by 8270D

FC - Freshwater Chronic Critera

FA - Freshwater Acute Criteria

MWC - Marine Chronic Criteria

MWA - Marine Acute Criteria

HHO - Human Health Criteria, organisms only; based on dissolved contaminant conc'ns

B - Analyte detedted in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

analyte for which there is presumptive

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Table 9
Summary of Results for Whole Water Samples at MH108

Sample ID Event Collection Date	Method	Criteria	Criteria Type	MH108 Event 6 2/11/2010	MH108 Event 7 3/29/2010	MH108 Event 8 4/27/2010	MH108 Event 9 5/20/2010	MH108 Event 10 6/2/2010	MH108 Base Flow 1 2/23/2010	MH108 Base Flow 2 6/29/2010
Total Stormwater Flow (L)[1]				498,700	2,541,000	1,168,000	756,700	955,000	585,700	890,600
Metals - Total (ug/L)										
Arsenic	EPA200.8	36	MWC	1.6	1.6	0.90	1.6	1.0	3.1	3.0
Cadmium	EPA200.8	9.3	MWC	**15.9**	0.60	0.30	0.50	0.20 U	**15**	0.20 U
Calcium	SW6010B			27800	6010	8850	9580	10400	42600	34400
Chromium	EPA200.8	57	FC	2.65	3.4	0.60	2.2	0.70	2.1	0.50 U
Copper	EPA200.8	3.1	MWC	**8.8**	**33**	**12**	**28**	**9.7**	2.6 J	3.9 U
Lead	EPA200.8	8.1	MWC	3.0	**14**	1.0	**10**	1.0	1.9 J	1.0
Magnesium	SW6010B			7200	1460	2030	2500	2760	10900	10400
Mercury	SW7470A	0.012	FC	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U
Nickel	EPA200.8	8.2	MWC	2.1 J	5.1	1.2	2.8	1.6	2.2 J	1.4
Selenium	EPA200.8	5.0	FC1	**5.1 J**	0.50 U	0.50 U	0.50 U	0.50 U	4.8 J	0.60
Silver	EPA200.8	1.9	MWA	0.040 U	0.20 U	0.20 U	0.20 U	0.20 U	0.040 J	0.20 U
Zinc	EPA200.8	81	MWC	63.8	**114**	73	**103**	63	13 J	16
Metals - Dissolved (ug/L)										
Arsenic	EPA200.8	36	MWC	0.95 U	0.40	0.50	0.60	0.40	0.95 U	0.90
Cadmium	EPA200.8	9.3	MWC	0.20 U	0.20 U	0.20	0.20 U	0.20 U	0.20 U	0.20 U
Calcium	SW6010B			NA	NA	NA	NA	NA	NA	NA
Chromium	EPA200.8	57	FC	1.1	0.50 U	0.50 U	0.50 U	0.50 U	1.1	0.50 U
Copper	EPA200.8	3.1	MWC	**9.4**	**3.7**	**7.7**	**11**	**7.5**	**8.9 J**	1.3
Lead	EPA200.8	8.1	MWC	0.20 U	1.0 U	1.0 U	1.0 U	1.0 U	0.20 J	1.0 U
Magnesium	SW6010B			NA	NA	NA	NA	NA	NA	NA
Mercury	SW7470A	0.012	FC	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Nickel	EPA200.8	8.2	MWC	1.7	0.80	1.1	1.3	1.1	2.0 J	1.1
Selenium	EPA200.8	5.0	FC1	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 J	0.60
Silver	EPA200.8	1.9	MWA	0.040 U	0.20 U	0.20 U	0.20 U	0.20 U	0.040 J	0.20 U
Zinc	EPA200.8	81	MWC	34	52	59	59	44	19	4.0 U
PCBs (ug/L)										
Aroclor 1221	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aroclor 1232	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aroclor 1242	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.14	0.15
Aroclor 1016	SW8082			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Aroclor 1248	SW8082			0.075	0.10 U	0.038 U	0.10 U	0.050 U	0.010 U	0.010 U
Aroclor 1254	SW8082			0.070	0.096	0.027	0.093	0.046	0.080	0.12
Aroclor 1260	SW8082			0.010 U	0.023	0.010 U	0.015	0.010 U	0.010 U	0.012 U
Aroclor 1262	SW8082			NA	NA	NA	NA	NA	NA	NA
Aroclor 1268	SW8082			NA	NA	NA	NA	NA	NA	NA
Total PCBs	SW8082	0.014	FC	**0.15**	**0.12**	**0.027**	**0.11**	**0.046**	**0.22**	**0.27**
PAHs (ug/L)										
Naphthalene	SW8270DSIM			0.27	0.024	0.014	0.029	0.012	0.024	0.027
Acenaphthylene	SW8270DSIM			0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Acenaphthene	SW8270DSIM	990	HHO	0.013	0.010 U	0.010 U	0.010 U	0.010 U	0.011	0.018
Fluorene	SW8270DSIM	5300	HHO	0.016	0.016	0.010 U	0.012	0.010 U	0.010 U	0.010 U
Phenanthrene	SW8270DSIM			0.034	0.26	0.064	0.19	0.022	0.010 U	0.019
Anthracene	SW8270DSIM	40000	HHO	0.010 U	0.022	0.010 U	0.013	0.010 U	0.010 U	0.010 U
1-Methylnaphthalene	SW8270DSIM			0.28	0.013	0.010 U	0.012	0.010 U	0.010 U	0.010 U
2-Methylnaphthalene	SW8270DSIM			0.37	0.016	0.010 Q	0.017	0.010 U	0.010 U	0.010 U
Fluoranthene	SW8270DSIM	140	HHO	0.044	0.56	0.12	0.44	0.074	0.010 U	0.030
Pyrene	SW8270DSIM	4000	HHO	0.026	0.40	0.053	0.25	0.037	0.010 U	0.029
Benzo(a)anthracene	SW8270DSIM	0.018	HHO	0.010 U	**0.15**	0.010 U	**0.069**	0.010 U	0.010 U	0.010 U
Chrysene	SW8270DSIM	0.018	HHO	0.017	**0.25 Q**	**0.026**	**0.25**	**0.028**	0.010 U	0.012
Benzo(b)fluoranthene	SW8270DSIM	0.018	HHO	0.010 U	**0.22 J**	0.010 U	**0.16 J**	0.015 J	0.010 U	1.0 U
Benzo(k)fluoranthene	SW8270DSIM	0.018	HHO	0.010 U	**0.22 J**	0.010 U	**0.16 J**	0.015 J	0.010 U	1.0 U
Total benzofluoranthenes	SW8270DSIM			0.010 U	0.44	0.010 U	0.32	0.030	0.010 U	1.0 U
Benzo(a)pyrene	SW8270DSIM	0.018	HHO	0.010 U	**0.20**	0.010 U	**0.13**	0.013 J	0.010 U	0.010 U
Indeno(1,2,3-cd)pyrene	SW8270DSIM	0.018	HHO	0.010 U	**0.16**	0.010 U	**0.10**	0.011	0.010 U	0.010 U
Dibenz(a,h)anthracene	SW8270DSIM	0.018	HHO	0.010 U	**0.062**	0.010 U	**0.035**	0.010 U	0.010 U	0.010 U
Benzo(g,h,i)perylene	SW8270DSIM			0.010 U	0.20	0.010 U	0.14	0.014	0.010 U	0.010 U
Total LPAH[2]	SW8270DSIM			0.33	0.32	0.078	0.24	0.034	0.035	0.064
Total HPAH[3]	SW8270DSIM			0.087	2.4	0.20	1.7	0.21	0.010 U	0.071
Chlorinated Hydrocarbons (ug/L)										
1,3-Dichlorobenzene	SW8260C	960	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,4-Dichlorobenzene	SW8260C	190	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichlorobenzene	SW8260C	1300	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2,4-Trichlorobenzene	SW8260C	70	HHO	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Hexachlorobenzene	SW8270D	0.0003	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Phthalates (ug/L)										
Dimethylphthalate	SW8270D	1E+06	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Diethylphthalate	SW8270D	44000	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-Butylphthalate	SW8270D	4500	HHO	1.0 U	1.0 U	1.3	1.0 U	1.0 U	1.0 U	1.0 U
Di-n-Octyl phthalate	SW8270D			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Butylbenzylphthalate	SW8270D	1900	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
bis(2-Ethylhexyl)phthalate	SW8270D	2.2	HHO	2.1 U	4.4 U	1.0 U	1.0 U	1.1 U	1.0 U	1.0 U

Table 9
Summary of Results for Whole Water Samples at MH108

Sample ID Event Collection Date	Method	Criteria	Criteria Type	MH108 Event 6 2/11/2010	MH108 Event 7 3/29/2010	MH108 Event 8 4/27/2010	MH108 Event 9 5/20/2010	MH108 Event 10 6/2/2010	MH108 Base Flow 1 2/23/2010	MH108 Base Flow 2 6/29/2010
Phenols (ug/L)										
Phenol	SW8270D	860000	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Methylphenol	SW8270D			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
4-Methylphenol	SW8270D			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,4-Dimethylphenol	SW8270D	850	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Pentachlorophenol	SW8270D	7.9	MWC	5.0 U	5.0 U	5.0 J	5.0 U	5.0 U	5.0 J	5.0 U
Miscellaneous Extractables (ug/L)										
Benzyl Alcohol	SW8270D			5.0 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzoic Acid	SW8270D			10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	SW8270DSIM			0.017	0.016	0.010 U	0.011	0.010 U	0.010 U	0.010 U
Hexachlorobutadiene	SW8260C	18	HHO	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
N-Nitrosodiphenylamine	SW8270D	6.0	HHO	1.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.0 U	5.0 U
Volatile Organics (ug/L)										
Trichloroethene	SW8260C	30	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,1,2-Tetrachloroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2,2-Tetrachloroethane	SW8260C	4.0	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Ethylbenzene	SW8260C	2100	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
m, p-Xylene	SW8260C			0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
o-Xylene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Miscellaneous 8260 VOCs (ug/L)										
Acrolein	SW8260C	3.0	FWC	5.0 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Methyl Iodide	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Acrylonitrile	SW8260C	0.25	HHO	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloropropene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibromomethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dibromo-3-chloropropane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
1,2,3-Trichloropropane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,4-Dichloro-2-butene	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2,4-Trimethylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Ethylene Dibromide	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Bromochloromethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2,2-Dichloropropane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,3-Dichloropropane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Isopropylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
n-Propylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Bromobenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Chlorotoluene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Chlorotoluene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
tert-Butylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
sec-Butylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Isopropyltoluene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
n-Butylbenzene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2,3-Trichlorobenzene	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Chloromethane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Bromomethane	SW8260C			0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U
Vinyl Chloride	SW8260C	2.4	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chloroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Methylene Chloride	SW8260C	590	HHO	1.2	0.50 U	1.5	1.1	3.1	1.2	2.3
Acetone	SW8260C			5.4	5.0 U	9.0	8.1	5.0 U	5.0 U	9.9
Carbon Disulfide	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethene	SW8260C	7100	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1-Dichloroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,2-Dichloroethene	SW8260C	10000	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
cis-1,2-Dichloroethene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chloroform	SW8260C	470	HHO	0.30	0.20 U	0.20 U	0.20 U	0.20 U	0.40	0.70
1,2-Dichloroethane	SW8260C	37	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Butanone	SW8260C			38	35	12	9.0	20	19	17
2-Butanone (grab)	SW8260C			NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	SW8260C	16	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Carbon Tetrachloride	SW8260C	1.6	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Vinyl Acetate	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	SW8260C	17	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,2-Dichloropropane	SW8260C	15	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
cis-1,3-Dichloropropene	SW8260C	21	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Dibromochloromethane	SW8260C	13	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloroethane	SW8260C	16	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Benzene	SW8260C	51	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
trans-1,3-Dichloropropene	SW8260C	21	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
2-Chloroethylvinylether	SW8260C			1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	SW8260C	140	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
4-Methyl-2-Pentanone (MIBK)	SW8260C			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Hexanone	SW8260C			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

Table 9
Summary of Results for Whole Water Samples at MH108

Sample ID Event Collection Date	Method	Criteria	Criteria Type	MH108 Event 6 2/11/2010	MH108 Event 7 3/29/2010	MH108 Event 8 4/27/2010	MH108 Event 9 5/20/2010	MH108 Event 10 6/2/2010	MH108 Base Flow 1 2/23/2010	MH108 Base Flow 2 6/29/2010
Tetrachloroethene	SW8260C	3.3	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Toluene	SW8260C	15000	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Chlorobenzene	SW8260C	1600	HHO	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Styrene	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Trichlorofluoromethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloro-1,2,2-trifluoroethane	SW8260C			0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Conventionals										
pH (SU)	PH			7.2	6.75	6.74	6.93	7.33	7.15	7.39
Alkalinity (mg/L)	SM2320			86	22.5	32.9	38.7	46.3	133	140
Alkalinity as Carbonate (mg/L)	SM2320			1 U	1 U	1 U	1 U	1 U	1 U	1 U
Alkalinity as Bicarbonate (mg/L)	SM2320			86	22.5	32.9	38.7	46.3	133	140
Alkalinity as Hydroxide (mg/L)	SM2320			1 U	1 U	1 U	1 U	1 U	1 U	1 U
Hardness as CaCO3 - Dissolved (mg/l)	SW6010B			NA	NA	NA	NA	NA	NA	NA
Hardness as CaCO3 - Total (mg/l)	SW6010B			88	21	30	34	37	130	130
TSS (mg/L)	EPA160.2			16.8 J	75.9 J	5.6	47.6	8.1	7.6	35
Chloride (mg/L)	EPA300.0			4.1	1.3	1.9	2.5	1.7	6.5	5.2
Nitrate (mg/L)	EPA300.0			0.7	0.2	0.4	0.3	0.4	1.1	1.2
Sulfate (mg/L)	EPA300.0			14.2	2.9	5	4.9	5	24.9	16
DOC (mg/L)	EPA415.1			3.78	1.97	3.07	5.4	3.18	3.74	4.48
TOC (mg/L)	EPA415.1			4.7	3.35	3.6	6.72	3.74	4.34	7.64
Total Hardness (mg equivalent CaCO3				99	NA	NA	NA	NA	151	NA

MRLs reported for all undetected results

Gray highlighting indicates exceedance of the listed WQC

Green highlighting indicates chemical not detected at a reporting limit that exceeds the water quality criteria

NA - Not available

1. Total stormwater volume calculated from regression for Events 6 and 10

2. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene

3. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, benzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene

(a) Limit is based on total recoverable fraction of the metal

(b) Chlorinated hydrocarbons analyzed by 8270D

FC - Freshwater Chronic Critera

FA - Freshwater Acute Criteria

MWC - Marine Chronic Criteria

MWA - Marine Acute Criteria

HHO - Human Health Criteria, organisms only; based on dissolved contaminant conc'ns

B - Analyte detedted in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

presence of an analyte for which there

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Table 10
Summary of Grain Size Fractionation Results for Filtered Suspended Solids at the Lift Station Vault

Sample ID	LS431V-Comp-1-S				LS431V-Comp-3-S				LS431V-Comp-4-S			
Location ID	LS431 Vault				LS431 Vault				LS431 Vault			
Composite Date	4/6/2010				5/27/2010				5/27/2010			
Size Fraction	<63 µm	63-250 µm	250-500 µm	>500 µm	<63 µm	63-250 µm	250-500 µm	>500 µm	<63 µm	63-250 µm	250-500 µm	>500 µm
Conventionals												
TOC (%)	8.01	6.02	2.20	3.46	10.2	3.33	1.02	2.36	7.85	0.629	1.01	0.020 U
PCBs (mg/kg DW)												
Aroclor 1221	0.065 U	0.064 U	0.064 U	0.064 U	0.044 U	0.032 U	0.032 U	0.048 U	0.055 U	0.031 U	0.032 U	0.032 U
Aroclor 1232	0.065 U	0.064 U	0.064 U	0.064 U	0.044 U	0.032 U	0.032 U	0.048 U	0.055 U	0.031 U	0.032 U	0.032 U
Aroclor 1242	0.065 U	0.064 U	0.064 U	0.064 U	0.044 U	0.032 U	0.032 U	0.048 U	0.055 U	0.031 U	0.032 U	0.032 U
Aroclor 1016	0.065 U	0.064 U	0.064 U	0.064 U	0.044 U	0.032 U	0.032 U	0.048 U	0.055 U	0.031 U	0.032 U	0.032 U
Aroclor 1248	0.33 U	0.16 U	0.097 U	0.16 U	0.33 U	0.16 U	0.063 U	0.19 U	0.41 U	0.16 U	0.064 U	0.32 U
Aroclor 1254	1.1	0.52	0.24	0.61	0.60	0.30	0.15	0.71	0.98	0.39	0.17	1.1
Aroclor 1260	0.26	0.14	0.070	0.16	0.18	0.10	0.061	0.21	0.30	0.14	0.071	0.26
Total PCBs	1.4	0.66	0.31	0.77	0.78	0.4	0.21	0.92	1.3	0.53	0.24	1.4
Metals - Total (mg/kg)												
Arsenic	70 U	8.0 U	6.0 U	7.0 U	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	11	2.4	4.8	5.9	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	99	23	17	29	NA	NA	NA	NA	NA	NA	NA	NA
Copper	213	41	20	50	NA	NA	NA	NA	NA	NA	NA	NA
Lead	340	54	28	105	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	0.30	0.070	0.050	0.12	NA	NA	NA	NA	NA	NA	NA	NA
Silver	4.0 U	0.50 U	0.40 U	0.40 U	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	1120	209	157	262	NA	NA	NA	NA	NA	NA	NA	NA
LPAH (mg/kg DW)												
Naphthalene	NA	NA	NA	NA	0.041	0.012	0.0066	0.023 J	0.048	0.0096	0.0072	1.4 J
Acenaphthylene	NA	NA	NA	NA	0.032 U	0.0054	0.0047 U	0.020 J	0.014	0.0050	0.0067	0.16 J
Acenaphthene	NA	NA	NA	NA	0.032 U	0.016	0.0062	0.026 J	0.027	0.011	0.028	1.9 J
Fluorene	NA	NA	NA	NA	0.032 U	0.018	0.0071	0.040 J	0.037	0.014	0.028	2.8 J
Phenanthrene	NA	NA	NA	NA	0.66	0.26	0.068	0.27 J	0.90	0.21	0.29 J	24
Anthracene	NA	NA	NA	NA	0.060	0.031	0.017	0.084 J	0.064	0.025	0.060	3.9 J
Total LPAH[1]	NA	NA	NA	NA	0.76	0.34	0.10	0.46	1.1	0.27	0.42	34

Table 10
Summary of Grain Size Fractionation Results for Filtered Suspended Solids at the Lift Station Vault

Sample ID	LS431V-Comp-1-S				LS431V-Comp-3-S				LS431V-Comp-4-S			
Location ID	LS431 Vault				LS431 Vault				LS431 Vault			
Composite Date	4/6/2010				5/27/2010				5/27/2010			
Size Fraction	<63 µm	63-250 µm	250-500 µm	>500 µm	<63 µm	63-250 µm	250-500 µm	>500 µm	<63 µm	63-250 µm	250-500 µm	>500 µm
HPAH (mg/kg DW)												
Fluoranthene	NA	NA	NA	NA	2.0	0.80	0.21	1.2 J	3.0	0.60	0.54 J	31
Pyrene	NA	NA	NA	NA	1.4	0.59	0.18	1.1 J	1.8	0.44	0.38 J	24
Benzo(a)anthracene	NA	NA	NA	NA	0.42	0.23	0.089	0.59 J	0.43	0.18	0.19 J	11
Chrysene	NA	NA	NA	NA	1.8	0.55	0.14	0.81 J	2.4	0.40	0.25 J	12
Benzo(b)fluoranthene	NA	NA	NA	NA	1.0 J	0.30 J	0.098 J	0.68 J	1.0 J	0.27 J	0.16 J	8.1 J
Benzo(k)fluoranthene	NA	NA	NA	NA	1.0 J	0.30 J	0.098 J	0.68 J	1.0 J	0.27 J	0.16 J	8.1 J
Total benzofluoranthenes	NA	NA	NA	NA	2.0	0.60	0.20	1.4	2.0	0.54	0.32	16
Benzo(a)pyrene	NA	NA	NA	NA	0.79 J	0.31 J	0.10	0.91 J	0.86 J	0.28	0.20 J	11
Indeno(1,2,3-cd)pyrene	NA	NA	NA	NA	0.81 J	0.25 J	0.084	0.61 J	0.66 J	0.22	0.14	7.1
Dibenz(a,h)anthracene	NA	NA	NA	NA	0.27 J	0.096 J	0.040	0.26 J	0.20 J	0.087	0.062	3.2 J
Benzo(g,h,i)perylene	NA	NA	NA	NA	1.1 J	0.34 J	0.097	0.73 J	0.82 J	0.26	0.16	8.1
Total HPAH[2]	NA	NA	NA	NA	11	3.8	1.1	7.6	12	3.0	2.2	124
Other PAH (mg/kg DW)												
1-Methylnaphthalene	NA	NA	NA	NA	0.032 U	0.0064	0.0047 U	0.014 U	0.012	0.0046 U	0.0086	0.56 J
2-Methylnaphthalene	NA	NA	NA	NA	0.032 U	0.0099	0.0047 U	0.027 J	0.021	0.0055	0.0067	0.54 J
Dibenzofuran	NA	NA	NA	NA	0.035	0.013	0.0047 U	0.020 J	0.048	0.0087	0.012	1.6 J

MRLs reported for all undetected results

1. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene

2. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, dibenzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene

B - Analyte detected in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drift or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

Table 11
Summary of Results for Parking Lot Surface Solids Samples

Location ID Collection Date	Method	SQS/LAET	CSL/2LAET	D283A 7/13/2010	D434AN 7/13/2010	D434AS 7/13/2010	D435BN 7/13/2010	D435BS 7/13/2010	D436A 7/13/2010
Total Solids (% ww)	EPA160.3			99.3	99.8	99.6	99.3	99.2	99.6
Total Organic Carbon (% D	PLUMB81			12.8	6.83	11	9.23	8.29	9.17
Grain Size (%)									
Gravel	PSEP-PS			4.1	12.2	11.9	6.9	2.8	16.6
Very Coarse Sand	PSEP-PS			8.4	20.1	17.8	11	7.6	13.5
Coarse Sand	PSEP-PS			17.7	28.3	23.4	24.2	15.8	17.6
Medium Sand	PSEP-PS			29	19.7	22.9	28.7	27.8	23
Fine Sand	PSEP-PS			19.1	8	11.6	13.5	18.5	14.6
Very Fine Sand	PSEP-PS			10	4.1	5	5.5	10.2	7
Coarse Silt	PSEP-PS			4.9	3.7	3.3	4.5	5.1	4.6
Medium Silt	PSEP-PS			4.2	2.8	2.6	3.5	7.8	2.2
Fine Silt	PSEP-PS			1.5	0.8	0.9	1.3	2.6	0.7
Very Fine Silt	PSEP-PS			0.6	0.3	0.4	0.5	0.9	0.3
Clay	PSEP-PS			0.5	0.2	0.3	0.5	0.8	0.2
Percent Fines (<0.06mm)	PSEP-PS			11.7	7.8	7.5	10.3	17.2	7.9
Metals - Total (mg/kg)									
Arsenic	SW6010B	57	93	18	9.0	20	20	30	40
Cadmium	SW6010B	5.1	6.7	2.4	1.2	1.5	3.0	3.4	3.2
Chromium	SW6010B	260	270	128	62.8	69.5	120	105	137
Copper	SW6010B	390	390	110	62	104	146	128	97.3
Lead	SW6010B	450	530	427	75	126	252	292	387
Mercury	SW7471A	0.41	0.59	0.12	0.030	0.050	0.080	0.080	0.050
Silver	SW6010B	6.1	6.1	0.30 U	0.30 U	0.30 U	0.70 U	0.70 U	0.70 U
Zinc	SW6010B	410	960	**585**	**466**	**684**	**756**	**724**	**652**
PCBs (mg/kg DW)									
Aroclor 1221	SW8082			0.025 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
Aroclor 1232	SW8082			0.025 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
Aroclor 1242	SW8082			0.025 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
Aroclor 1016	SW8082			0.025 U	0.019 U	0.019 U	0.019 U	0.019 U	0.019 U
Aroclor 1248	SW8082			0.074 U	0.026	0.053	0.048	0.043	0.048 U
Aroclor 1254	SW8082			0.16	0.042	0.065	0.076	0.07	0.089
Aroclor 1260	SW8082			0.18	0.048	0.087	0.19	0.14	0.11
Total PCBs	SW8082	0.13	1.0	**0.34**	0.12	**0.21**	**0.31**	**0.25**	**0.20**
PAHs (mg/kg)									
Naphthalene	M	2.1	2.4	0.05 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
Acenaphthylene	M	1.3	1.3	0.05 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
Acenaphthene	M	0.50	0.73	0.05 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
Fluorene	M	0.54	1.0	0.05 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
Phenanthrene	M	1.5	5.4	0.72	0.22	0.28	0.22	0.12	0.37
Anthracene	M	0.96	4.4	0.05	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
1-Methylnaphthalene	M			0.05 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
2-Methylnaphthalene	M	0.67	1.4	0.05 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
Fluoranthene	M	1.7	2.5	1.5	0.44	0.62	0.45	0.23	0.75

Table 11
Summary of Results for Parking Lot Surface Solids Samples

Location ID Collection Date	Method	SQS/LAET	CSL/2LAET	D283A 7/13/2010	D434AN 7/13/2010	D434AS 7/13/2010	D435BN 7/13/2010	D435BS 7/13/2010	D436A 7/13/2010
Pyrene	M	2.6	3.3	1.4	0.37	0.56	0.39	0.20	0.64
Benzo(a)anthracene	M	1.3	1.6	0.42	0.11	0.15	0.12	0.064	0.17
Chrysene	M	1.4	2.8	0.68	0.21	0.28	0.24	0.12	0.34
Total Benzofluoranthenes	M	3.2	3.6	1.3	0.34	0.53	0.40	0.21	0.61
Benzo(a)pyrene	M	1.6	3.0	0.54	0.13	0.21	0.16	0.087	0.24
Indeno(1,2,3-cd)pyrene	M	0.60	0.69	0.22	0.050	0.086	0.082	0.048	0.086
Dibenz(a,h)anthracene	M	0.23	0.54	0.055	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U
Benzo(g,h,i)perylene	M	0.67	0.72	0.22	0.068	0.11	0.12	0.064	0.10
Total LPAH[1]	M	5.2	13	0.77	0.22	0.28	0.22	0.12	0.37
Total HPAH[2]	M	12	17	6.3	1.7	2.5	2.0	1.0	2.9
Dibenzofuran	M	0.54	0.7	0.050 U	0.046 U	0.045 U	0.046 U	0.023 U	0.046 U

MRLs reported for all undetected results

Gray highlighting indicates exceedance of the SQS/LAET

Red highlighting indicates exceedance of the CSL/2LAET

NA - Not available

1. Total LPAH were calculated as the sum of acenaphthene, acenaphthylene, anthracene, fluorene, naphthalene, and phenanthrene

2. Total HPAH were calculated as the sum of benzo(a)anthracene, benzo(a)pyrene, benzo(g,h,i)perylene, total benzofluoranthenes, chrysene, benzo(a,h)anthracene, fluoranthene, indeno(1,2,3-cd)pyrene, and pyrene

B - Analyte detedted in an associated method blank.

D - The spiked compund not detected due to sample extract dilution.

J - Estimated concentration when the value is less than established reporting limits.

N - The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".

Q - Indicates a detected analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20% RSD, <20% Drif or minimum RRF).

U - The analyte was analyzed for, but was not detected above the reported sample quantitation limit.

SQS/LAET - Sediment Quality Standards/Lowest Apparent Effects Threshold

CSL/2LAET - Cleanup Screening Level/Second Lowest Apparent Effects Threshold