

This is a copy of an archived document for a TMDL. This is not current. For current TMDLs, please visit <https://doee.dc.gov/service/total-maximum-daily-load-tmdl-documents>.

Average Annual Loads - Total	Arsenic - Pounds/Year		MOS	Storm Water	
	Existing	TMDLs		WLA	LA
	<b>MARYLAND LOADS</b>				
NE and NW Branches	268.0		Load Reductions NE/NW Branches = 85% Storm Water = 85% LBD Creek = 85% Watts Branch = 85% CSOs = 85%		
Storm Water	6.3				
Lower Beaverdam Creek	64.4				
Anacostia Upstream Loads	338.7	50.32			
Watts Branch, 53% in MD	5.1	0.76			
Maryland Allocated Loads		51.08			
MOS - 1%		0.52			
Maryland Loads	343.2	51.59			
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	343.8	51.08			
Wats Branch, 47% in DC	4.5	0.67			
CSO	8.8	1.30		1.30	
Storm Water	12.5	1.87		1.44	0.04
Upper Anacostia Allocated		54.92			
MOS - 1%		0.55			
<b>Upper Anacostia Existing/TMDL</b>	369.6	55.48	0.55	2.74	0.04
<b>Lower Anacostia</b>					
Upstream	369.6	54.92			
CSO	7.1	1.06		1.06	
Storm Water	20.9	3.14		3.41	0.11
Lower Anacostia Allocated		59.12			
MOS - 1%		0.60			
<b>Lower Anacostia Existing/TMDL</b>	397.6	59.71	0.60	4.47	0.67

Average Annual Arsenic - Pounds/Year	Existing	Reduction	TMDL	MOS	WLA	LA
<b>TRIBUTARIES</b>						
Fort Chaplin	1.59	70%	0.48	0.005	0.38	0.10
Fort Davis	0.51	70%	0.15	0.002	0.10	0.05
Fort Dupont	2.86	70%	0.86	0.008	0.17	0.68
Fort Stanton	1.06	70%	0.32	0.003	0.05	0.26
Hickey Run	Not on DC's Section 303(d) List of impaired waters for arsenic					
Nash Run	Not on DC's Section 303(d) List of impaired waters for arsenic					
Maryland Loads	2.20	75%	0.55	0.005	Allocation =	0.54
DC Loads	3.51	75%	0.88	0.009	0.86	0.01
Popes Branch	1.90	70%	0.57	0.006	0.52	0.04
Texas Ave. Tributary	1.58	70%	0.47	0.005	0.40	0.07
Watt Branch	Not on DC's Section 303(d) List of impaired waters for arsenic					

Average Annual Loads - Total Copper - Pounds/Year			MOS	Storm Water	
	Existing	TMDLs		WLA	LA
<b>MARYLAND LOADS</b>					
NE and NW Branches	6,032.0				
Storm Water	119.0		No reductions required to meet water quality criteria. However, DC uses a MOS in allocated loads, requiring some reductions.		
Lower Beaverdam Creek	1,580.0				
Anacostia Upstream Loads	7,731.0	7,653.7			
Watts Branch, 53% in MD	97.0	96.0			
Maryland Allocated Loads		7,749.7			
MOS - 1%		78.3			
Maryland Loads	7,828.0	7,828.0			
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	7,828.0	7,749.7			
Watts Branch, 47% in DC	86.0	85.1			
CSO	522.3	517.1		517.1	
Storm Water	401.3	397.3		387.6	9.7
Upper Anacostia Allocation					
MOS - 1%		88.4			
<b>Upper Anacostia Existing/TMDL</b>	<b>8,837.6</b>	<b>8,837.6</b>	<b>88.4</b>	<b>904.7</b>	<b>9.7</b>
<b>Lower Anacostia</b>					
Upstream	8837.6	8,749.2			
CSO	331.7	328.4		328.4	
Storm Water	228.7	226.4		219.2	7.2
Lower Anacostia Allocation		9,304.0			
MOS - 1%		94.0			
<b>Lower Anacostia TMDL</b>	<b>9,398.0</b>	<b>9,398.0</b>	<b>94.0</b>	<b>547.6</b>	<b>7.2</b>

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Chaplin	58.0	65%	23.20	0.23	18.29	4.67
Fort Davis	18.3	50%	7.31	0.01	4.73	2.57
Fort Dupont	99.4	50%	39.76	0.40	7.66	31.71
Fort Stanton	39.0	55%	15.58	0.16	2.48	12.94
Hickey Run	Not on DC's Section 303(d) List of impaired waters for copper					
Nash Run	Not on DC's Section 303(d) List of impaired waters for copper					
Maryland Loads	84.7	60%	33.89	0.34	Allocation =	33.55
DC Loads	135.4	60%	54.15	0.54	52.93	0.68
Popes Branch	69.8	60%	27.93	0.28	25.67	1.98
Texas Ave. Tributary	59.0	60%	23.58	0.24	19.78	3.56
Watt Branch	Not on DC's Section 303(d) List of impaired waters for copper					

Average Annual Load - Total	Lead - Pounds/Year		MOS	Storm Water		
	Existing	Allocated/ TMDLs		WLA	LA	
<b>MARYLAND LOADS</b>						
NE and NW Branches	6,032.0		No reductions required to meet water quality criteria. However, DC uses a MOS in allocated loads, requiring some reductions.			
Storm Water	119.0					
Lower Beaverdam Creek	1,580.0					
Anacostia Upstream Loads	7,731.0	7,653.7				
Watts Branch, 53% in MD	97.0	96.0				
Maryland Allocated Loads						
MOS - 1%		7,749.7				
Maryland Loads	7,452.1	7,452.1				
<b>DC LOADS</b>						
<b>Upper Anacostia</b>						
Upstream	7,452.1	7,377.6				
Watts Branch, 47% in DC	86.0	85.1				
CSO	522.3	517.1		517.1		
Storm Water	401.3	397.3		387.6	9.7	
Upper Anacostia Allocation						
MOS - 1%		88.4				
<b>Upper Anacostia Existing/TMDL</b>	8,837.6	8,837.6	88.4	904.7	9.7	
<b>Lower Anacostia</b>						
Upstream	8,837.6	8,749.2				
CSO	331.7	328.4		328.4		
Storm Water	228.7	226.4		219.2	7.2	
Lower Anacostia Allocation						
MOS - 1%		94.0				
<b>Lower Anacostia Existing/TMDL</b>	9,398.0	9,398.0	94.0	547.6	7.2	
<b>TRIBUTARIES</b>						
	<b>Existing</b>	<b>Reduction</b>	<b>TMDL</b>	<b>MOS</b>	<b>WLA</b>	<b>LA</b>
Fort Chaplin	27.79	65%	9.73	0.10	7.67	1.96
Fort Davis	8.67	65%	3.04	0.03	1.95	1.06
Fort Dupont	46.25	60%	18.50	0.19	3.56	14.75
Fort Stanton	18.80	65%	6.58	0.07	1.05	5.47
Hickey Run	Not on DC's Section 303(d) List of impaired waters for lead					
Nash Run	Not on DC's Section 303(d) List of impaired waters for lead					
Maryland Loads	41.93	70%	12.58	0.13	Allocation =	12.45
DC Loads	66.99	70%	20.10	0.20	19.65	0.25
Popes Branch	33.62	65%	11.77	0.12	10.82	0.83
Texas Ave. Tributary	10.01	65%	9.91	0.10	8.31	1.50
Watt Branch	Not on DC's Section 303(d) List of impaired waters for lead					

Average Annual Load - Total Zinc - Pounds/Year		Allocated/	MOS	Storm Water		
	Existing	TMDLs		WLA	LA	
<b>MARYLAND LOADS</b>						
NE and NW Branches	15,226.4					
Storm Water	723.7					
Lower Beaverdam Creek	7,893.1					
Anacostia Upstream Loads	23,843.2	23,604.8				
Watts Branch, 53% in MD	588.6	582.7				
Maryland Allocated Loads						
MOS - 1%		244.3				
Maryland Loads	24,431.8	24,431.8				
<b>DC LOADS</b>						
<b>Upper Anacostia</b>						
Upstream	24,431.8	24,187.5				
Watts Branch, 47% in DC	521.9	516.7				
CSO	1,428.3	1,414.1		1,117.5		
Storm Water	2,444.9	2,420.5		2,385.3	59.7	
Upper Anacostia Allocation		28,539.1				
MOS - 1%		288.3				
<b>Upper Anacostia Existing/TMDL</b>	<b>28,827.0</b>	<b>28,827.0</b>	<b>288.3</b>	<b>3,502.8</b>	<b>59.7</b>	
<b>Lower Anacostia</b>						
Upstream	28,827.0	28,538.7				
CSO	903.5	894.5		1,191.0		
Storm Water	1,382.9	1,369.1		1,338.9	44.0	
Lower Anacostia Allocation		30802.86				
MOS - 1%		311.1				
<b>Lower Anacostia Existing/TMDL</b>	<b>31,113.4</b>	<b>31,113.4</b>	<b>311.1</b>	<b>2,529.9</b>	<b>44.0</b>	
<b>TRIBUTARIES</b>						
	<b>Existing</b>	<b>Reduction</b>	<b>TMDL</b>	<b>MOS</b>	<b>WLA</b>	<b>LA</b>
Fort Chaplin	171.5	0%	171.5	1.7	135.2	34.5
Fort Davis	53.8	0%	53.8	0.5	42.4	10.8
Fort Dupont	290.3	0%	290.3	2.9	228.9	58.4
Fort Stanton	115.5	0%	115.5	1.2	91.1	23.3
Hickey Run	Not on DC's Section 303(d) List of impaired waters for arsenic					
Nash Run	Not on DC's Section 303(d) List of impaired waters for arsenic					
Maryland Loads	254.0	0%	254.0	2.5	Allocation =	251.5
DC Loads	405.9	0%	405.9	4.1	320.1	81.7
Popes Branch	206.9	0%	206.9	2.1	163.2	41.6
Texas Ave. Tributary	175.3	0%	175.3	1.8	138.2	35.3
Watt Branch	Not on DC's Section 303(d) List of impaired waters for arsenic					

Average Annual Loads - Chlordane - Pounds/Year						
	Existing	Allocated/ TMDLs	MOS	Storm Water		
				WLA	LA	
<b>MARYLAND LOADS</b>						
NE and NW Branches	1.833					
Storm Water	0.043					
Lower Beaverdam Creek	0.449					
Anacostia Upstream Loads	2.326	0.2302				
Watts Branch, 53% in MD	0.035	0.0034				
Maryland Allocated Loads		0.2337				
MOS - 1%		0.0024				
Maryland Loads	2.360	0.2360				
<b>DC LOADS</b>						
<b>Upper Anacostia</b>						
Upstream	2.360	0.2337				
Watts Branch, 47% in DC	0.031	0.0031				
CSO	0.059	0.0058		0.0058		
Storm Water	0.146	0.0144		0.0141		0.0004
Upper Anacostia Allocation		0.2570				
MOS - 1%		0.0026				
<b>Upper Anacostia Existing/TMDL</b>	2.596	0.2596	0.0026	0.0199		0.0004
<b>Lower Anacostia</b>						
Upstream	2.596	0.2570				
CSO	0.048	0.0048		0.0048		
Storm Water	0.081	0.0080		0.0078		0.0003
Lower Anacostia Allocation		0.2698				
MOS - 1%		0.0027				
<b>Lower Anacostia TMDL</b>	2.725	0.2725	0.0027	0.0125		0.0003

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	0.0070	85%	0.0011	0.0000	0.0002	0.0009
Hickey Run	0.0959	85%	0.0144	0.0001	0.0142	0.0000
Nash Run						
Maryland Loads	0.0150	85%	0.0022	0.0002	Allocation =	0.0020
DC Loads	0.0239	85%	0.0036	0.0004	0.0032	0.0000
Popes Branch	0.0126	85%	0.0019	0.0000	0.0017	0.0001
Texas Ave. Tributary	0.0106	85%	0.0016	0.00002	0.0013	0.0002
Watts Branch						
Maryland	0.1052	85%	0.0158	0.0002	Allocation =	0.0156
DC						
Upper Watt Branch	0.0662	85%	0.0138	0.0001	0.0096	0.0002
Lower Watts Branch	0.0257	85%	0.0099	0.0001	0.0037	0.0001

Average Annual Loads	DDD - Pounds/Year		MOS	Storm Water	
	Existing	Allocated/ TMDLs		WLA	LA
<b>MARYLAND LOADS</b>					
NE and NW Branches	0.892				
Storm Water	0.027				
Lower Beaverdam Creek	0.165				
Anacostia Upstream Loads	1.084	0.2670			
Watts Branch, 53% in MD	0.022	0.0054			
Maryland Allocated Loads		0.2724			
MOS - 1%		0.0028			
Maryland Loads	1.106	0.2752			
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	1.106	0.2724			
Watt Branch, 47% in DC	0.019	0.0047			
CSO	0.028	0.0028		0.0028	
Storm Water	0.054	0.0053		0.0052	0.0001
Upper Anacostia Allocation		0.2852			
MOS - 1%		0.0029			
<b>Upper Anacostia Existing/TMDL</b>	1.207	0.2881	0.0029	0.0080	0.0001
<b>Lower Anacostia</b>					
Upstream	1.207	0.2881			
CSO	0.047	0.0047		0.0047	
Storm Water	0.090	0.0089		0.0087	0.0003
Upper Anacostia Allocation		0.0030			
MOS -1%		0.3048		0.0133	0.0003
<b>Lower Anacostia TMDL</b>	1.344	0.3019	0.3048	0.0133	0.0003

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	0.006	90%	0.00059	0.00001	0.00009	0.00049
Hickey Run	0.054	90%	0.05427	0.00005	0.03259	0.02163
Nash Run						
Maryland Loads	0.009	90%	0.00089	0.00001	Allocation =	0.00088
DC Loads	0.014	90%	0.00142	0.00001	0.00139	0.00002
Popes Branch	0.001	90%	0.00108	0.00001	0.00100	0.00008
Texas Ave. Tributary	0.008	90%	0.00083	0.00001	0.00699	0.00126
Watts Branch						
Maryland	0.065	90%	0.00650	0.00007	Allocation =	0.00644
DC						
Upper Watts Branch	0.041	90%	0.00409	0.00004	0.00396	0.00009
Lower Watts Branch	0.016	90%	0.00159	0.00002	0.00154	0.00003

Average Annual Loads	DDE - Pounds/Year		MOS	Storm Water		
	Existing	Allocated/ TMDLs		WLA	LA	
<b>MARYLAND LOADS</b>						
NE and NW Branches	0.191					
Storm Water	0.067					
Lower Beaverdam Creek	0.624					
Anacostia Upstream Loads	0.882	0.2104				
Watts Branch, 53% in MD	0.054	0.0134				
Maryland Allocated Loads		0.2238				
MOS - 1%		0.0022				
Maryland Loads	0.935	0.2238				
<b>DC LOADS</b>						
<b>Upper Anacostia</b>						
Upstream	1.106	0.2216				
Watt Branch, 47% in DC	0.019	0.0118				
CSO	0.028	0.0063		0.0063		
Storm Water	0.054	0.0130		0.0127	0.0003	
Upper Anacostia Allocated		0.2528				
MOS - 1%		0.0026				
<b>Upper Anacostia Existing/TMDL</b>	1.207	0.2553	0.0026	0.0191	0.0003	
<b>Lower Anacostia</b>						
Upstream	1.207	0.2528				
CSO	0.047	0.0106		0.0106		
Storm Water	0.090	0.0218		0.0211	0.0007	
Lower Anacostia Allocation		0.2852				
MOS -1%		0.0029				
<b>Lower Anacostia TMDL</b>	1.344	0.2881	0.0029	0.0317	0.0007	
<b>TRIBUTARIES</b>						
	<b>Existing</b>	<b>Reduction</b>	<b>TMDL</b>	<b>MOS</b>	<b>WLA</b>	<b>LA</b>
Fort Stanton	0.012	92%	0.0009	0.00001	0.0001	0.0008
Hickey Run	0.145	92%	0.0116	0.00012	0.0069	0.0046
Nash Run						
Maryland Loads	0.023	92%	0.0018	0.00002	Allocation =	0.0018
DC Loads	0.037	92%	0.0029	0.00003	0.0029	0.0000
Popes Branch	0.021	92%	0.0017	0.00002	0.0016	0.0001
Texas Ave. Tributary	0.017	92%	0.0014	0.00001	0.0012	0.0002
Watts Branch						
Maryland	0.162	92%	0.0130	0.00013	Allocation =	0.0129
DC						
Upper Watts Branch	0.102	92%	0.0082	0.00008	0.0079	0.0002
Lower Watts Branch	0.040	92%	0.0032	0.00003	0.0031	0.0001



Average Annual Loads	DDT - Pounds/Year		MOS	Storm Water	
	Existing	Allocated/ TMDLs		WLA	LA
<b>MARYLAND LOADS</b>					
NE and NW Branches	0.115				
Storm Water	0.178				
Lower Beaverdam Creek	0.081				
Anacostia Upstream Loads	0.374	0.0662			
Watts Branch, 53% in MD	0.007	0.0018			
Maryland Allocated Loads		0.0680			
MOS - 1%		0.0007			
Maryland Loads	0.382	0.0686			
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	0.382	0.068			
Watt Branch, 47% in DC	0.006	0.002			
CSO	0.172	0.017		0.017	
Storm Water	0.353	0.035		0.034	0.001
Upper Anacostia Allocated		0.121			
MOS - 1%		0.001			
<b>Upper Anacostia Existing/TMDL</b>	0.913	0.123	0.001	0.051	0.001
<b>Lower Anacostia</b>					
Upstream	0.9131	0.121			
CSO	0.2881	0.029		0.029	
Storm Water	0.5908	0.058		0.057	0.002
		0.209			
MOS - 1%		0.002			
<b>Lower Anacostia TMDL</b>	1.7919	0.211	0.002	0.085	0.002

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	0.03210	97%	0.00096	0.00001	0.00015	0.00080
Hickey Run	0.38500	97%	0.01155	0.00012	0.00687	0.00456
Nash Run						
Maryland Loads	0.06101	97%	0.00183	0.00002	Allocation =	0.00181
DC Loads	0.03657	97%	0.00293	0.00003	0.00286	0.00004
Popes Branch	0.05831	97%	0.00175	0.00002	0.00161	0.00012
Texas Ave. Tributary	0.04735	97%	0.04735	0.00001	0.04011	0.00722
Watts Branch						
Maryland	0.02170	97%	0.00065	0.00001	Allocation =	0.00064
DC						
Upper Watts Branch	0.01363	97%	0.000409	0.000004	0.000396	0.000009
Lower Watts Branch	0.00531	97%	0.000159	0.000002	0.000154	0.000003

Average Annual Loads -	Dieldrin - Pounds/Year		MOS	Storm Water	
	Existing	Allocated/ TMDLs		WLA	LA
<b>MARYLAND LOADS</b>					
NE and NW Branches	0.261	0.0388			
Storm Water	0.003	0.0023	Load Reductions NE/NW Branches = 85% Storm Water =30% LBD Creek = 80% Watts Branch = 80% CSOs = 30%		
Lower Beaverdam Creek	0.017	0.0034			
Anacostia Upstream Loads	0.281	0.0444			
Watts Branch, 53% in MD	0.003	0.0005			
Maryland Allocated Loads		0.0449			
MOS - 1%		0.0005			
Maryland Loads	0.284	0.0454			
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	0.284	0.0454			
Watt Branch, 47% in DC	0.002	0.0005			
CSO	0.005	0.0037		0.0037	
Storm Water	0.012	0.0084		0.0082	0.0002
Upper Anacostia Allocated		0.0575			
MOS - 1%		0.0006			
<b>Upper Anacostia Existing/TMDL</b>	0.304	0.0585	0.0006	0.0119	0.0002
<b>Lower Anacostia</b>					
Upstream	0.304	0.0585			
CSO	0.004	0.0026		0.0026	
Storm Water	0.005	0.0036		0.0035	0.0001
Lower Anacostia Allocated		0.0637			
MOS - 1%		0.0007			
<b>Lower Anacostia TMDL</b>	0.313	0.0654	0.0007	0.0061	0.0001

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	0.0007	80%	0.00015	0.000001	0.000023	0.000122
Hickey Run	0.0064	80%	0.00127	0.000013	0.000758	0.000503
Nash Run						
Maryland Loads	0.0078	80%	0.00021	0.000002	Allocation =	0.000209
DC Loads	0.0017	80%	0.00034	0.000003	0.000329	0.000004
Popes Branch	0.0014	80%	0.00027	0.000003	0.000250	0.000019
Texas Ave. Tributary	0.0010	80%	0.00021	0.000002	0.000174	0.000031
Watts Branch						
Maryland	0.0078	80%	0.00155	0.000016	Allocation =	0.001537
DC						
Upper Watts Branch	0.0049	80%	0.00098	0.000010	0.000945	0.000021
Lower Watts Branch	0.0019	80%	0.00038	0.000004	0.000368	0.000008

Average Annual Loads - Heptachlor Epoxide - Pounds/Year						
	Existing	Allocated/ TMDLs	MOS	Storm Water		
				WLA	LA	
<b>MARYLAND LOADS</b>						
NE and NW Branches	0.247					
Storm Water	0.006			Load Reductions		
Lower Beaverdam Creek	0.047			NE/NW Branches = 90%		
Anacostia Upstream Loads	0.300	0.0303		Storm Water =80%		
Watts Branch, 53% in MD	0.005	0.0005		LBD Creek = 90%		
Maryland Allocated Loads		0.0307		Watts Branch = 90%		
MOS - 1%		0.0003		CSOs =80%		
Maryland Loads - Total Loads	0.305	0.0310				
<b>DC LOADS</b>						
<b>Upper Anacostia</b>						
Upstream - Allocated	0.305	0.0307				
Watt Branch, 47% in DC	0.004	0.0004				
CSO	0.009	0.0018		0.0018		
Storm Water	0.021	0.0042		0.0041		0.0001
Upper Anacostia Allocated		0.0371				
MOS - 1%		0.0004				
<b>Upper Anacostia Existing/TMDL</b>	0.339	0.0375	0.0004	0.0058		0.0001
<b>Lower Anacostia</b>						
Upstream - Allocated	0.339	0.0371				
CSO	0.007	0.0013		0.0013		
Storm Water	0.010	0.0021		0.0020		0.0001
Lower Anacostia Allocated		0.0405				
MOS - 1%		0.0004				
<b>Lower Anacostia TMDL</b>	0.356	0.0409	0.0004	0.0033		0.0001

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	0.001	90%	0.0001	0.000001	0.00002	0.00010
Hickey Run	0.013	90%	0.0013	0.000013	0.00074	0.00049
Nash Run						
Maryland Loads	0.002	90%	0.0002	0.000002	Allocation =	0.00020
DC Loads	0.003	90%	0.0003	0.000003	0.00031	0.000004
Popes Branch	0.002	90%	0.0002	0.000002	0.00019	0.00001
Texas Ave. Tributary	0.002	90%	0.0002	0.000002	0.00014	0.00003
Watts Branch						
Maryland	0.014	90%	0.0014	0.000014	Allocation =	0.00143
DC						
Upper Watts Branch	0.009	90%	0.0009	0.000009	0.00088	0.00002
Lower Watts Branch	0.004	90%	0.0004	0.000004	0.00034	0.00001

Average Annual Loads - PAH 1 - Pounds/Year					
	Existing	Allocated/ TMDLs	MOS	Storm Water WLA	LA
<b>MARYLAND LOADS</b>					
NE and NW Branches	113.470				
Storm Water	2.932				
Lower Beaverdam Creek	30.209				
Anacostia Upstream Loads	146.611	0.0581			
Watts Branch, 53% in MD	2.376	0.0470			
Maryland Loads - Allocated		0.1051			
MOS - 1%		0.0011			
Maryland Loads - Total	148.987	0.1062			
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	148.987	0.105			
Watt Branch, 47% in DC	2.107	0.042			
CSO	4.052	0.080		0.080	
Storm Water	10.003	0.198		0.193	0.005
Washington Gas	26.400	0.000			
Upper Anacostia - Allocated		0.425			
MOS - 1%		0.004			
<b>Upper Anacostia Existing/TMDL</b>	191.549	0.429	0.004	0.273	0.005
<b>Lower Anacostia</b>					
Upstream	191.549	0.425			
CSO	3.301	0.065		0.065	
Storm Water	5.505	0.109		0.106	0.003
Lower Anacostia - Allocated		0.599			
MOS		0.006			
<b>Lower Anacostia TMDL</b>	200.355	0.606	0.006	0.171	0.003

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	0.486	0%	0.486	0.005	0.078	0.404
Hickey Run	6.525	0%	6.525	0.065	3.882	2.577
Nash Run						
Maryland Loads	1.021	0%	1.021	0.010	Allocation =	1.011
DC Loads	1.631	0%	1.631	0.016	1.594	0.021
Popes Branch	0.875	0%	0.875	0.009	0.804	0.062
Texas Ave. Tributary	0.731	0%	0.731	0.007	0.613	0.110
Watts Branch						
Maryland	7.187	0%	7.187	0.072	Allocation =	7.115
DC						
Upper Watts Branch	4.517	0%	4.517	0.048	4.372	0.097
Lower Watts Branch	1.758	0%	1.758	0.019	1.701	0.038

Average Annual Loads - PAH 2 - Pounds/Year						
	Existing	Allocated/ TMDLs	MOS	Storm Water		
				WLA	LA	
<b>MARYLAND LOADS</b>						
NE and NW Branches	671.859					
Storm Water	17.521					
Lower Beaverdam Creek	188.931					
Anacostia Upstream Loads	878.311	0.347				
Watts Branch, 53% in MD	14.250	0.282				
Maryland Loads - Allocated		0.629				
MOS - 1%		0.006				
Maryland Loads	892.561	0.635				
Load Reductions NE/NW Branches =99.6% Storm Water = 98% LBD Creek = 99.6% Watts Branch = 98% CSOs = 98% Washington Gas = 100%						
<b>DC LOADS</b>						
<b>Upper Anacostia</b>						
Upstream	892.561	0.629				
Watt Branch, 47% in DC	12.637	0.250				
CSO	23.829	0.472		0.472		
Storm Water	59.211	1.172		1.144	0.029	
Washington Gas	30.800	0.000				
Upper Anacostia - Allocated		2.523				
MOS - 1%		0.025				
<b>Upper Anacostia Existing/TMDL</b>	<b>988.238</b>	<b>2.549</b>	<b>0.025</b>	<b>1.616</b>	<b>0.029</b>	
<b>Lower Anacostia</b>						
Upstream	988.238	2.523				
CSO	19.655	0.389		0.389		
Storm Water	33.462	0.663		0.641	0.021	
Lower Anacostia Allocated		3.575				
MOS - 1%		0.036				
<b>Lower Anacostia TMDL</b>	<b>1,041.355</b>	<b>3.611</b>	<b>0.036</b>	<b>0.389</b>	<b>0.000</b>	
<b>TRIBUTARIES</b>						
	<b>Existing</b>	<b>Reduction</b>	<b>TMDL</b>	<b>MOS</b>	<b>WLA</b>	<b>LA</b>
Fort Stanton	2.811	98%	0.056	0.001	0.009	0.047
Hickey Run	39.470	98%	0.789	0.008	0.470	0.312
Nash Run						
Maryland Loads	6.147	98%	0.123	0.001	Allocation =	0.122
DC Loads	9.821	98%	0.196	0.002	0.192	0.002
Popes Branch	5.036	98%	0.101	0.001	0.093	0.007
Texas Ave. Tributary	4.260	98%	0.085	0.001	0.071	0.013
Watts Branch						
Maryland	43.100	98%	0.862	0.009	Allocation =	0.853
DC						
Upper Watts Branch	27.090	98%	0.542	0.005	0.525	0.012
Lower Watts Branch	10.540	98%	0.211	0.002	0.204	0.005

Average Annual Loads - PAH 3 - Pounds/Year		Allocated/ TMDLs	MOS	Storm Water WLA	LA
Existing					
<b>MARYLAND LOADS</b>					
NE and NW Branches	421.775				
Storm Water	11.183				
Lower Beaverdam Creek	121.599				
Anacostia Upstream Loads	554.557	0.221			
Watts Branch, 53% in MD	9.100	0.180			
Maryland Allocated Loads		0.402			
MOS - 1%		0.004			
Maryland Loads	563.657	0.406			
Load Reductions NE/NW Branches = 99.6% Storm Water = 98% LBD Creek = 99.6% Watts Branch = 98% CSOs = 98% Washington Gas = 100%					
<b>DC LOADS</b>					
<b>Upper Anacostia</b>					
Upstream	563.657	0.402			
Watt Branch, 47% in DC	8.070	0.160			
CSO	15.145	0.300		0.300	
Storm Water	37.793	0.748		0.730	0.018
Washington Gas & Light	17.600	0.000			
Upper Anacostia Allocated		1.610			
MOS - 1%		0.016			
<b>Upper Anacostia Existing/TMDL</b>	<b>642.264427</b>	<b>1.626</b>	<b>0.016</b>	<b>1.030</b>	<b>0.018</b>
<b>Lower Anacostia</b>					
Upstream	642.264	1.610			
CSO	12.542	0.248		0.248	
Storm Water	21.358	0.423		0.409	0.013
Lower Anacostia Allocated		2.281			
MOS - 1%		0.023			
<b>Lower Anacostia TMDL</b>	<b>676.165</b>	<b>2.304</b>	<b>0.023</b>	<b>0.248</b>	<b>0.000</b>

TRIBUTARIES	Existing	Reduction	TMDL	MOS	WLA	LA
Fort Stanton	1.783	98%	0.036	0.000	0.006	0.030
Hickey Run	25.250	98%	0.505	0.005	0.300	0.199
Nash Run						
Maryland Loads	3.928	98%	0.079	0.001	Allocation =	0.078
DC Loads	6.277	98%	0.126	0.001	0.123	0.002
Popes Branch	3.191	98%	0.064	0.001	0.059	0.005
Texas Ave. Tributary	2.706	98%	0.054	0.001	0.045	0.008
Watts Branch						
Maryland	27.530	98%	0.551	0.006	Allocation =	0.545
DC						
Upper Watts Branch	17.299	98%	0.346	0.003	0.335	0.007
Lower Watts Branch	6.731	98%	0.135	0.001	0.130	0.003