

Figure 1 – Anacostia Tidal River Trash Survey Segments and Permanent Shoreline Trash Plots

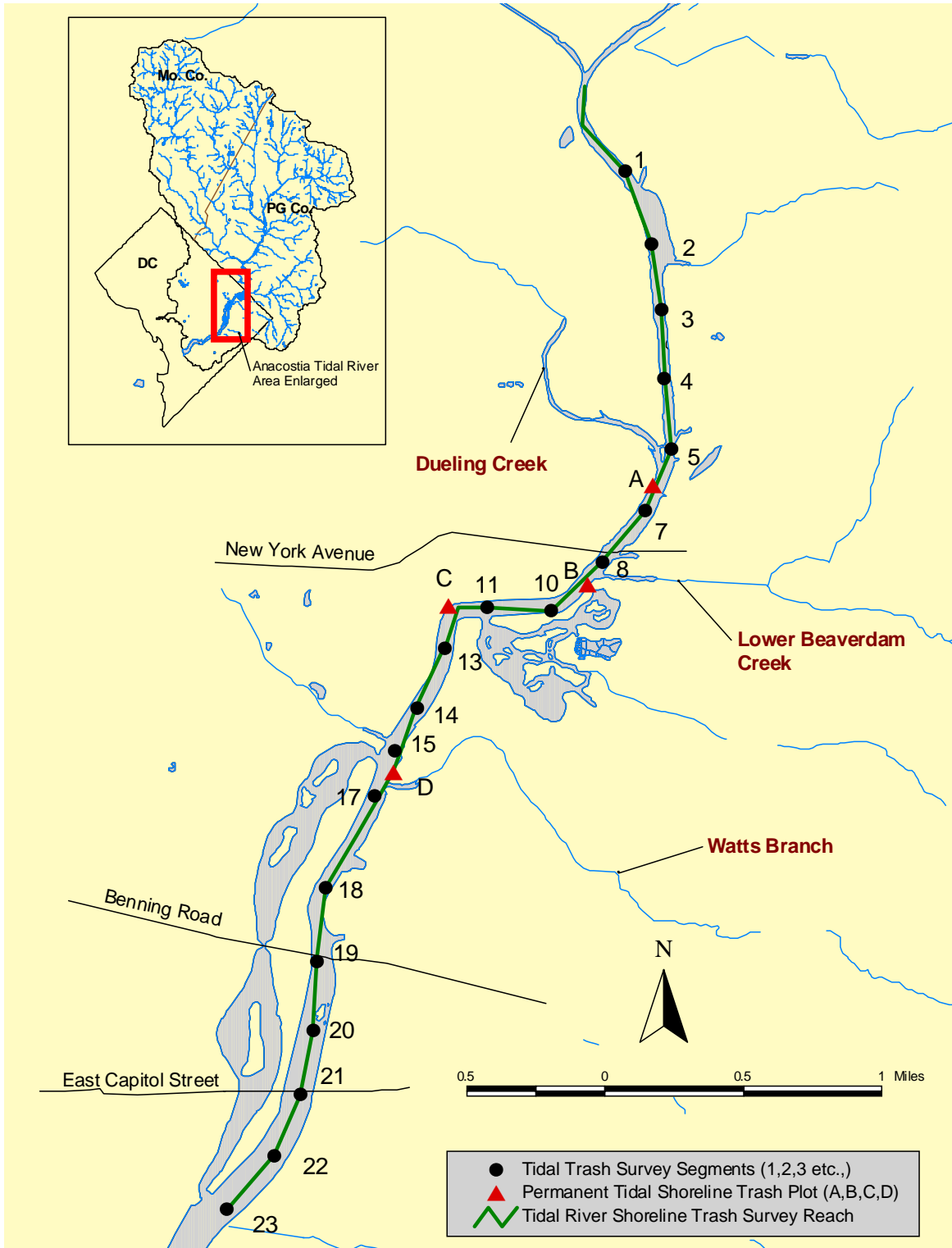


Table 1- August 2005 MWCOG Tidal Anacostia River Permanent Shoreline Trash Plot¹ Survey Results

Survey Plots (20 x 20 ft)	Plastic Bottles	Aluminum Cans	Glass Bottles	Styrofoam and Paper	Plastic Bags	Oil Quart Containers	Tires	Misc.	Total No. Items	No. Items per ft ²
A. Dueling Creek	39	18	0	10	33	1	0	9	110	0.28
B. Kenilworth	7	1	1	7	4	0	0	2	22	0.06
C. Arboretum	12	0	0	180	8	0	0	19	219	0.55
D. Watts Branch	169	12	8	220	27	1	0	13	450	1.13
Total	227	31	9	417	72	2	0	43	801	0.50 ²

Table 2 - May 2004 MWCOG Tidal Anacostia River Permanent Shoreline Trash Plot¹ Survey Results

Survey Plots (20 x 20 ft)	Plastic Bottles	Aluminum Cans	Glass Bottles	Styrofoam and Paper	Plastic Bags	Oil Quart Containers	Tires	Misc.	Total No. Items	No. Items per ft ²
A. Dueling Creek	16	14	1	25	16	4	0	3	75	0.19
B. Kenilworth	9	0	1	6	16	0	0	3	35	0.09
C. Arboretum	16	3	1	107	7	0	0	15	149	0.37
D. Watts Branch	24	6	2	223	37	0	0	18	310	0.78
Total	65	23	5	361	76	4	0	39	569	0.36 ²

Table 3 – May 2003 MWCOG Tidal Anacostia River Permanent Shoreline Trash Plot¹ Survey Results

Survey Plots (20 x 20 ft)	Plastic Bottles	Aluminum Cans	Glass Bottles	Styrofoam and Paper	Plastic Bags	Oil Quart Containers	Tires	Misc.	Total No. Items	No. Items per ft ²
A. Dueling Creek	26	18	0	2	35	1	0	11	93	0.23
B. Kenilworth	9	1	0	7	18	0	0	5	40	0.10
C. Arboretum	47	2	2	96	5	1	0	13	166	0.42
D. Watts Branch	240	13	11	127	19	5	0	21	436	1.10
Total	322	34	13	232	77	7	0	50	735	0.46 ²

¹ Note: Each river shoreline plot measures 20' x 20', or 400 ft².

² Mean No. of Items/ft²

Table 4 – May 2002 MWCOG Tidal Anacostia River Permanent Shoreline Trash Plot¹ Survey Results

Survey Plots (20 x 20 ft)	Plastic Bottles	Aluminum Cans	Glass Bottles	Styrofoam and Paper	Plastic Bags	Oil Quart Containers	Tires	Misc.	Total No. Items	No. Items per ft ²
A. Dueling Creek	14	5	0	14	3	0	0	18	54	0.14
B. Kenilworth	15	3	0	10	5	1	0	33	67	0.17
C. Arboretum	10	1	1	173	2	0	0	28	215	0.54
D. Watts Branch	35	6	3	106	2	0	0	14	166	0.42
Total	74	15	4	303	12	1	0	93	502	0.31 ²

Table 5 - June 2001 MWCOG Tidal Anacostia River Permanent Shoreline Trash Plot¹ Survey Results (After River Cleanup)

Survey Plots (20 x 20 ft)	Plastic Bottles	Aluminum Cans	Glass Bottles	Styrofoam and Paper	Plastic Bags	Oil Quart Containers	Tires	Misc.	Total No. Items	No. Items per ft ²
A. Dueling Creek	11	4	0	17	6	0	0	4	42	0.11
B. Kenilworth	20	2	1	11	5	0	0	4	43	0.11
C. Arboretum	17	4	2	31	5	0	0	4	63	0.16
D. Watts Branch	75	8	5	124	2	2	0	1	217	0.54
Total	123	18	8	183	18	2	0	13	365	0.23 ²

Table 6 - April 2001 MWCOG Tidal Anacostia River Permanent Shoreline Trash Plot¹ Survey Results (Before River Cleanup)

Survey Plots (20 x 20 ft)	Plastic Bottles	Aluminum Cans	Glass Bottles	Styrofoam and Paper	Plastic Bags	Oil Quart Containers	Tires	Misc.	Total No. Items	No. Items per ft ²
A. Dueling Creek	63	22	2	43	16	4	1	7	158	0.40
B. Kenilworth	58	16	10	23	5	1	0	8	121	0.30
C. Arboretum	62	5	1	204	11	0	0	6	289	0.72
D. Watts Branch	155	23	18	390	16	5	0	9	616	1.54
Total	338	66	31	660	48	10	1	30	1184	0.74 ²

Table 7 - Summary: COG Anacostia Tributary Trash Survey, 1998-2004

No.	Reach	Jurisdiction and ADC Map Location ¹	Length (ft)	Items ² per 100 ft						
				1998	1999	2000	2001	2002	2003	2004
I. Sligo Creek										
S-1	Channing Dr. to University Blvd: SWM Facility	MC: 36, J-1, K-1	2750	46.1	38.8	56.0	60.9	38.4	30.2	NS
S-2	University Blvd. SWM Facility to University Blvd.	MC: 36, K-2	700	9.9	5.7	11.3	6.1	3.6	10.9	NS
S-3	Wheaton Branch/Sligo Creek Confluence to Forest Glen Rd.	MC: 36, K-5, K-6	1000	13.3	11.8	21.1	9.9	9.9	23.0	3.1
S-4	I-495 to Confluence with Flora Lane Trib.	MC: 36, K-6	650	21.4	17.9	31.8	19.9	10.5	19.4	NS
S-5	Three Oaks Dr. to Wayne Ave.	MC: 37, C-8, C-9	1200	28.9	23.1	23.5	32.3	12.9	22.9	NS
S-6	Piney Branch Rd. To Hudson Ave.	MC: 37, D-9, D-10	1600	29.6	27.0	31.8	27.6	91.9	13.5	13.1
S-7	Flower Ave to New Hampshire Ave.	MC: 37, F-12	1450	31.7	29.1	33.3	54.0	19.5	35.9	NS
S-8	Pepco Powerline to East-West Hwy.	PG: 6, G-13, H-13	1200	61.0	68.7	58.3	57.1	58.8	63.4	NS
S-9	East-West Hwy. to Riggs Rd.	PG: 6, H-13; 11, H-13	1700	60.0	84.1	68.6	58.0	61.2	49.4	NS
S-10	Green Meadows Park Tennis Courts to NW Branch	PG: 11, H-2, H-3, J-3	3750	85.3	42.5	37.7	51.7	23.8	17.7	22.7

No.	Reach	Jurisdiction and ADC Map Location ¹	Length (ft)	Items ² per 100 ft						
				1998	1999	2000	2001	2002	2003	2004
WB-1 (Wheaton Branch)	University Blvd. To Pritchard Rd.	MC: 36, H-1, H-2	1400	51.7	46.4	59.0	47.5	30.5	32.6	NS
WB-2	Evans Pkwy. to Dennis Ave.	MC: 36, J-4	700	65.4	74.6	75.1	103.3	123.3	55	NS
WB-3	Inwood Ave. to Sligo Creek	MC: 36, K-4, K-5	1450	20.1	10.8	15.1	13.7	13.0	26.9	NS
FL-1 (Flora Lane Tributary)	Columbia Blvd. to Sligo Creek	MC: 36, K-6	1410	46.0	40.4	42.4	54.5	32.3	27.2	NS
TP-1 (Takoma Park Branch)	Fourth Ave. to New Hampshire Ave.	MC: 42, E-1	800	88.0	71.8	98.6	56.4	89.1	76.5	NS
TP-2	Ray Rd. to Red Top Rd.	PG: 11, F-1, G-1	1200	97.7	101.0	111.1	90.5	113.9	85.1	NS
TP-3	Red top Rd. to Dayton Ave.	PG: 11, G-1	1400	89.2	99.6	121.1	102.3	133.1	104.1	NS
LB-1 (Long Branch)	Hamilton Ave. to E. Wayne Ave.	MC: 37, D-7, E-7, E-8	2550	22.7	8.0	7.0	1.5	9.0	6.7	NS
LB-2	Piney Branch Rd. to Bayfield St.	MC: 37, E-9	1000	12.2	39.8	41.4	43.2	34.3	41.4	NS
LB-3	Minter Pl. to Sligo Creek	MC: 37, F-12	1600	26.4	21.3	19.3	20.9	13.2	12.7	NS
II. Northwest Branch										
NW-1	Quebec Rd. to Riggs Rd.	PG: 6, H-9, J-10	1600	34.4	39.4	40.9	51.7	58.8	53.8	NS
NW-2	Lyndon St. to University Blvd.	PG: 6, K-11	2560	47.8	58.4	109.8	76.5	119.2	104.4	NS
NW-3	Ager Rd. to Sligo Creek Confluence	PG: 11, J-2, J-3	2000	37.8	52.6	59.4	56.0	45.3	37.9	NS
NW- 4	38 th Ave. to US Rte. 1 (Rhode Island Ave.)	PG: 12, B-5, C-5	3000	32.3	18.2	28.2	57.4	53.5	45.3	44.6

No.	Reach	Jurisdiction and ADC Map Location ¹	Length (ft)	Items ² per 100 ft						
				1998	1999	2000	2001	2002	2003	2004
III. Paint Branch										
PB-4	Powder Mill Rd. to I-95 Spur	NC: 38, B-3 B-4	2000	20.1	19.1	24.7	22.5	28.1	18.0	NS
PB-5	BARC's Orchard Loop Rd. to Hiker /Biker Bridge	PG: 38, D-6, D-7, E-7	3000	26.7	15.9	21.6	17.5	15.8	10.9	NS
PB-6	University Blvd. to Metzert Rd.	PG: 38, E-8, E-9	800	21.9	15.5	32.5	25.3	51.3	48.1	NS
PB-7	Footbridge from Vassar Rd. to Northeast Br. Confluence	PG: 38, G-12	950	20.0	18.5	16.2	18.3	14.9	16.7	19.7
IV. Little Paint Branch										
LPB-2	Selman Rd. to BARC's North Dr.	PG: 7, F-2, F-3	1840	42.9	37.7	49.3	47.2	40.9	33.9	12.1
V. Indian Creek										
IC-3	Powder Mill Rd. to 1 st Left Hand Tributary	PG: 7, K-2, K-3	2000	51.9	28.1	63.1	61.1	69.8	64.9	NS
IC-4	Sunnyside Ave. to Upper Beaverdam Creek	PG: 7, K-4, K-5, K-6	3000	9.7	16.6	17.3	14.4	15.9	19.8	NS
IC-5	Greenbelt Rd. to Berwyn Rd.	PG: 7, G-9, G-10	1800	18.5	7.2	29.7	100.0	86.8	73.4	6.5
VI. Still Creek										
SC-1	Park Central Rd. to 1 st Right Hand Tributary	PG: 8, A-12 7, K-12	2000	13.2	4.6	6.9	7.7	9.1	11.5	NS

No.	Reach	Jurisdiction and ADC Map Location ¹	Length (ft)	Items ² per 100 ft						
				1998	1999	2000	2001	2002	2003	2004
VII. Northeast Branch										
NE-1	Calvert Rd. to River Rd.	PG: 7, G-13; 12, G-1	3440	19.9	6.9	18.3	24.2	29.1	29.0	NS
NE-2	Decatur St. to US Rte. 1	PG: 7, E-5, D-5	2500	21.3	14.7	38.2	40.4	36.9	31.0	17.5
VIII. Brier Ditch										
BD-1	Auburn Ave. to BW Pkwy.	PG: 13, A-2; 12, K-2	2000	44.6	62.5	63.4	89.3	213.1	245.0	NS
BD-2	61 st Pl. to Kenilworth Ave.	PG: 12, H-1, G-1	1120	67.2	12.0	62.8	41.8	59.8	76.5	94.1
IX. Lower Beaverdam Creek										
LBC-1	Landover Rd. to Mathew Henson Ave.	PG: 13, E-10, D-10	1840	65.8	72.3	79.5	107.9	119.1	133.2	NS
LBC-2	Beaver Rd. to Columbia Rd.	PG: 12, J-10, H-11	2160	52.9	46.6	121.7	91.6	99.6	224.0	54.5
LBC-3	Smith and Son's Scrap Yard to Kenilworth Ave.	PG: 12, F-11, E-11	840	48.7	64.9	79.5	58.7	47.8	140.0	NS
X. Watts Branch										
WB-1	55 th St to Division Ave.	DC: 17, G-2, F-2	1200	156.7	258.7	382.3	198.4	177.5	129.1	NS
WB-2	Vita Course (Arm Swing) to Deane Ave.	DC: 11, B-12, B-13	2000	48.6	42.8	60.9	40.5	49.1	35.4	NS
XI. Hickey Run										
HR-1	US Rte. 50 to 150 Yards below 1 st Bridge	DC: 10, K-11	1550	156.7	270.3	321.7	192.5	233.6	139.4	NS
XII. Fort Chaplin										
FC-1	C St. SE to Burns St. SE	DC: 17, C-4	1918					120.0	104.0	126.1

¹Jurisdictional Abbreviation: MC=Montgomery County; PG=Prince George's County; DC=District of Columbia

² Trash Item Key:

1 = Plastic bags; 2 = Plastic bottles; 3 = Glass; 4 = Aluminum Cans; 5 = Styrofoam cups, etc.; 6 = Paper, Cardboard, Cloth; 7 = Auto: Oil Qt Containers, Oil Filters, Air Filters; 8 = Car Batteries; 9 = Car Tires; 10 = Auto Body Parts; 11 = Construction Debris: Bricks, Concrete, Drywall, Lumber; 12 = Appliances; 13 = Wooden Pallets; 14 = Metal: Drums, Cans, Etc.; 15 = Miscellaneous.

Note: NS = Not surveyed due to funding shortfalls