

## SUMMARY DATA

### SUMMARY OF BMP PERFORMANCE AND COST

SITE	TOTAL AREA TREATED BY SITE (ACRES)	TOTAL AREA TREATED BY SITE AS A PERCENT OF TOTAL AREA (%)	PERCENT REDUCTION IN 1"-EVENT Q PER SITE (%)	PERCENT REDUCTION IN 0.5"-EVENT Q PER SITE (%)	PERCENT REDUCTION IN CHANNEL VELOCITY (%)	PROPOSED BMP	PROPERTY OWNER	ESTIMATED CONST. COST	ESTIMATED 15 YR MAINT. COST	TOTAL COST PER ACRE TREATED (\$/ACRE)
1	11.0	3.10	99.20	97.70	NA	DETENTION	MODOT	\$15,437	\$9,473	\$2,265
2	1.0	0.30	N/A	N/A	55.17	VEGETATED CHANNEL	MODOT	\$36,149	\$8,134	\$42,259
3	17.0	4.80	N/A	N/A	42.73	VEGETATED CHANNEL	MODOT, MISSOURI EMPLOYERS MUTUAL	\$34,327	\$13,724	\$2,825
4	3.4	0.96	N/A	N/A	N/A	PARKING ISLAND RAIN GARDENS	BROADWAY CROSSINGS II	\$463,288	\$7,500	\$138,504
5	27.5	7.75	N/A	N/A	30.40	BIOSWALE	BROADWAY CROSSINGS II	\$73,804	\$16,606	\$3,290
6	16.0	4.51	99.50	98.30	42.91	DETENTION, VEGETATED CHANNEL	MODOT	\$82,334	\$24,525	\$6,682
7	45.7	12.89	99.80	99.20	NA	DETENTION	HOME DEPOT, TULL et al	\$73,854	\$22,617	\$2,111
8	3.6	1.02	90.60	MIN.	NA	DETENTION	HOME DEPOT, TULL GROUP	\$11,241	\$8,529	\$5,443
9	1.9	0.53	N/A	N/A	51.94	VEGETATED CHANNEL	CITY OF COLUMBIA, MODOT	\$15,724	\$9,538	\$13,543
10	100.5	28.36	97.70	91.30	40.96	DETENTION, WOODY VEGETATION	MODOT	\$25,583	\$11,756	\$371
11	28.8	8.12	74.20	31.70	41.88	DETENTION, VEGETATED CHANNEL	MODOT	\$20,443	\$10,600	\$1,079
12	47.7	13.47	97.80	86.30	41.49	DETENTION, VEGETATED CHANNEL	MODOT	\$71,469	\$22,081	\$1,959
13	24.1	6.80	N/A	N/A	N/A	NATIVE VEGETATION	CONLEY TDD, RHL COLUMBIA	\$24,400	\$5,490	\$1,239
14	2.6	0.74	97.40	91.80	NA	DETENTION	CRACKER BARREL	\$14,897	\$9,352	\$9,185
15	143.4	40.44	N/A	N/A	NA	WOODY VEGETATION	MODOT, CANNON TRUST	\$66,000	\$14,850	\$564
16	1.8	0.51	N/A	N/A	54.68	VEGETATED CHANNEL	MODOT	\$14,742	\$3,317	\$9,987
17	12.9	3.64	97.60	MIN.	NA	DETENTION	MODOT	\$23,166	\$11,212	\$2,668
18	4.5	1.27	60.00	MIN.	NA	DETENTION	MODOT	\$8,509	\$7,914	\$3,656
19	10.4	2.92	98.70	89.60	NA	DETENTION	MODOT	\$23,885	\$11,374	\$3,404

### DETENTION BMP PERFORMANCE

BMP SITE	OUTLET STRUCTURE DIAMETER (INCHES)	0.5 INCH INFLOW (CFS)	0.5 INCH ROUTED FLOW (CFS)	0.5 INCH TIME TO DRAIN (HRS)	0.5 INCH TO CM DETENTION (MINS)	1.0 INCH INFLOW (CFS)	1.0 INCH ROUTED FLOW (CFS)	1.0 INCH TIME TO DRAIN (HRS)	1.0 INCH TO CM DETENTION (MINS)
1	2.00	2.17	0.05	42.50	708.00	8.40	0.07	104.20	2,405.00
6	2.00	2.97	0.05	62.50	1,241.00	11.70	0.06	170.00	4,293.00
7	2.00	8.50	0.07	122.40	2,937.00	33.45	0.08	342.40	8,922.00
8	2.00	< 0.01	< 0.01	24.00	0.00	0.53	0.05	24.40	119.00
10	6.00	10.40	0.90	26.40	150.00	58.16	1.31	50.00	831.00
11	10.00	1.99	1.36	24.40	5.00	14.69	3.79	24.40	21.00
12	4.00	2.19	0.30	25.00	82.00	21.37	0.46	51.20	911.00
14	2.00	0.49	0.04	27.40	225.00	1.93	0.05	44.40	695.00
17	2.00	< 0.01	< 0.01	24.40	29.00	2.08	0.05	52.20	950.00
18	2.00	< 0.01	< 0.01	24.00	0.00	0.10	0.04	24.25	17.00
19	2.00	0.48	0.05	25.60	170.00	4.64	0.06	73.20	1,576.00