

Table 3-1. Arcadia Creek Stretch Loading (Task 1.1.3)

Stretch	Storm Sewer Drainage Units	Drainage Area (acres)	Change from previous storm sewer mapping	Original and Updated Wet Weather Loads						Streambank TSS Loading (tons/year)	Streambank TP Loading (lbs/year)	New Project TSS Reductions (tons/year)*	Total TSS (tons/year) 2002 Baseline	Total TP (lbs/year) 2002 Baseline
				Old Runoff (acre-ft/year)	New Runoff (acre-ft/year)	Old TSS (tons/year)	New TSS (tons/year)	Old TP (lbs/year)	New TP (lbs/year)					
1	none													
2	1	233	up 18.4%	315.5	373.6	38.9	46.1	252.3	298.7			46.1	298.7	
3	3	59	no change	108.5	108.5	14.3	14.3	103.9	103.9	19	19.22	33.3	123.1	
4	no connections				0		0		0			0.0	0.0	
5	4	113	down 30.5%	163.0	113.3	12.2	8.5	58.3	40.5			8.5	40.5	
6	2	63	up 85.8%	53.3	99.0	7.1	13.2	50.9	94.6			13.2	94.6	
7	5	45	no change	51.8	51.8	5.2	5.2	36.8	36.8			5.2	36.8	
8	6	50	down 12.4%	49.2	43.1	5.0	4.4	31.1	27.2	151.5	155.5	155.9	182.7	
9	7, 9	109	down 47.6%	213.6	111.9	22.5	11.8	71.3	37.4			11.8	37.4	
10	8, 10, 11	132	down 20.4%	259.6	206.6	34.6	27.5	242.4	193.0			27.5	193.0	
11	part of Unit 14									5.3	5.4	5.3	5.4	
12	14	87	no change	69.6	69.6	5.6	5.6	16.5	16.5	17.0	12	22.6	28.5	
13	12, 13	306	down 20.9%	493.9	390.7	59.0	46.7	361.0	285.6			11.4	46.7	
14	15, 16	82	no change	164.5	164.5	17.1	17.1	142.0	142.0	80.0	82	40.0	97.1	
15	17, 18	76	down 51.1%	199.8	97.7	23.5	11.5	149.5	73.1			0.51	11.5	
16	19, 22, 23	433	down 14% from 19-23	617.9	531.4	64.2	55.2	543.9	467.8				55.2	
Totals		1788		2760.2	2361.7	309.2	267.0	2059.9	1817.0	272.8	247.0	51.9	539.8	

*These values are not factored into the total TSS load, which is based on a 2002 baseline.

Table 3-2. Axtell Creek Stretch Loading (Task 1.1.3)

Stretch	Storm Sewer Drainage Units	Drainage Area (acres)	Change in area from previous storm sewer mapping	Original and Updated Wet Weather Loads						Streambank TSS Loading (tons/year)	Streambank TP Loading (lbs/year)	New Project TSS Reductions (tons/year)*	Total TSS (tons/year) 2002 Baseline	Total TP (lbs/year) 2002 Baseline
				Old Runoff (acre-ft/year)	New Runoff (acre-ft/year)	Old TSS (tons/year)	New TSS (tons/year)	Old TP (lbs/year)	New TP (lbs/year)					
1	2	14.9	up 10.8%	18.3	20.3	1.5	1.7	11.0	12.1				1.7	12.1
2	1,3	237.5	down 32%	308.8	210.0	30	20.4	161.5	109.8	0.02	0.02	0.1	20.4	109.8
3	12,13	87	down 67%	310.3	102.4	33.7	11.1	206.8	68.2	5.4	5.55	4.8	16.5	73.8
4	6,7	25.4	up 10.8%	32.7	36.2	3.8	4.2	24.0	26.6	13.8	14.19		18.0	40.8
5	4,5,8,9	266.4	down 21.4%	488.2	383.7	49.4	38.8	337.7	265.5	20.5	21.07	7.6	59.3	286.5
6	10,11	31.8	no change	65.5	65.5	7.3	7.3	55.4	55.4	8.5	8.74		15.8	64.1
Totals		663.0		913.5	818.1	92.0	83.5	589.6	537.6	48.2	49.6	12.5	131.7	587.2

*These values are not factored into the total TSS load, which is based on a 2002 baseline.

Table 3-3. Portage Creek Stretch Loading (Table 1.1.3)

Stretch	Storm Sewer Drainage Units	Drainage Area (acres)	Change in area from previous storm sewer mapping	Original and Updated Wet Weather Loads						Streambank TSS Loading (tons/year)	Streambank TP Loading (lbs/year)	New Project TSS Reductions (tons/year)	Total TSS (tons/year) 2002 Baseline	Total TP (lbs/year) 2002 Baseline
				Old Runoff (acre-ft/year)	New Runoff (acre-ft/year)	Old TSS (tons/year)	New TSS (tons/year)	Old TP (lbs/year)	New TP (lbs/year)					
10	1	473	up 23.4%	335.3	413.8	35.3	43.6	220.7	272.3	57.2	61.8		100.8	334.1
11	2-5	950.5	down 9.2%	1223.34	1110.8	135.4	122.9	773.4	702.2				122.9	702.2
12	6, 8-10	410	up 15.2%	511.9	589.7	57	65.7	397.1	457.5				65.7	457.5
13	11	112	up 12.8%	155.4	175.3	16.2	18.3	117.2	132.2				18.3	132.2
14	12, 13	92	down 10.9%	162.8	145.1	18.4	16.4	148.8	132.6	42	43.5		58.4	176.1
15	20	27	small portion (15%) of 13 and 14	313.2 (13+14)	47.0	35.3 (13+14)	5.3	280.7 (13+14)	42.1	42	43.5		47.3	85.6
16	three small roadway outfalls, lumped into Unit 17												0.0	0.0
17	14, 15, 17	285	down 19.6%	686	558.4	74	60.2	596.1	485.2				60.2	485.2
18	16, 18, 19	166	up 18.2%	259.2	306.4	27.3	32.3	243.8	288.2				32.3	288.2
Totals		2515.5		3333.94	3346.4	363.6	364.6	2497.1	2512.3	141.2	148.8	0.0	505.8	2661.1

Table 3-4. West Fork Stretch Loading (Task 1.1.3)

Stretch	Storm Sewer Drainage Units	Drainage Area (acres)	Wet Weather Loads			Streambank TSS Loading (tons/year)	Streambank TP Loading (lbs/ year)	New Project TSS Reductions (tons/year)	Total TSS (tons/year) 2002 Baseline	Total TP (lbs/year) 2002 Baseline
			Runoff (acre-ft/year)	TSS (tons/year)	TP (lbs/year)					
1										
2										
3	1	368.5	406.6	23.2	149.5			23.2	149.5	
4						0.7	0.7	0.7	0.7	
5 - 7	2	24.5	21.4	2.1	10.7	1.8	1.9	3.9	12.6	
8	3	77.1	120.1	13.5	90.7			13.5	90.7	
9	Big Lots Parking	1.7	4.1	0.8	4.9	6	6.2	6.8	11.1	
10	grouped with Portage Unit 2									
Totals		471.8	552.2	39.7	255.7	8.5	8.8	48.2	264.5	

Original runoff and loads were not computed in Version I WMP.