

Parameter Loading Rates

ID	Stream	Date	Timing	Nitrate-N Load (Kg/day)	Ammonia-N Load (Kg/day)	TKN Load (Kg/day)	TP Load (Kg/day)	DP Load (Kg/day)	Org. N Load (Kg/day)	TSS Load (Kg/day)	E. coli Load (bil col/day)	Fecal Coliform (bil col/day)	
1	Symons Ditch at Boxley Road	5/31/2005	base	33	1.6	4.3	0.8	bdl	2.2	18.4	1,116.60	1,021.00	
		6/13/2005	storm	1,351.30	32.9	158.9	33.9	20.2	98.2	1,820.60	115,423.90	80,822.00	
		8/11/2005	base	8.8	0.5	1.8	0.5	0.4	1.3	18.4	688.9	959.9	
		9/26/2005	storm	--	0.9	15.4	2.7	2.4	14	107.6	9,054.70	10,216.60	
2	Jay Ditch at Boxley Road	5/31/2005	base	15.7	0.4	3	0.5	bdl	1.4	49.6	537.8	233.8	
		6/13/2005	storm	1,387.70	44.2	184.2	30.7	18.5	104.7	4,783.50	184,533.60	172,923.00	
		8/11/2005	base		0.1	0.8	0.2	0.1	0.6	12.1	181.6	184.3	
		9/26/2005	storm	--	bdl	76.4	18	13.1	71.4	1,312.00	172,169.50	68,664.40	
3	Ross Ditch at Meridian	5/31/2005	base	5.1	0.2	0.9	0.1	bdl	0.7	36.4	172.7	97.7	
		6/13/2005	storm	282.5	1.2	22.1	2.9	1.6	17.8	518.1	42,800.10	12,398.00	
		8/11/2005	base	Stream was dry; no sample collected.									
		9/26/2005	storm	--	0.3	11.8	3.4	2.7	10.9	164.8	35,548.70	13,537.20	
4	Little Cicero at Anthony	5/31/2005	base	86.2	1.4	10.6	1.7	bdl	7.7	187.9	1,305.60	550.7	
		6/13/2005	storm	4,589.10	134.1	566.5	110.5	45.2	362.2	25,259.50	586,941.90	394,214.70	
		8/11/2005	base	1.7	0.4	1.5	0.5	0.4	1.1	8.3	490.4	346.6	
		9/26/2005	storm	--	4.1	147.9	37.2	26.3	138.4	3,449.90	151,544.90	34,600.50	
5	Bennett Ditch at 276 th	5/31/2005	base	17.5	0.2	1.1	0.2	bdl	0.7	44.5	436.1	216.9	
		6/13/2005	storm	370.9	5.7	29	3.8	1.8	20.8	458.8	34,184.00	15,192.90	
		8/11/2005	base	0.3	bdl	0.3	0	0	0.3	8.6	26.9	20.6	
		9/26/2005	storm	--	bdl	19.4	5.1	4.6	18.5	136.7	16,004.20	13,190.30	
6	Little Cicero at Cal Carson	5/31/2005	base	138.9	2.2	14.7	2.6	bdl	12	329.5	2,178.10	712.7	
		6/13/2005	storm	No sample collected.									
		8/11/2005	base	8.9	0.7	3.1	0.9	0.5	2.5	51.6	1,010.80	875.4	
		9/26/2005	storm	--	6.5	186.4	52.3	31.3	171.8	7,796.70	163,071.30	201,098.30	
7	Taylor Creek at 266 th	5/31/2005	base	58.7	0.4	4.2	bdl	bdl	2.7	109.1	536.6	395.4	
		6/13/2005	storm	1,503.40	35.7	113.2	16.3	6.4	61.1	4,363.70	79,755.00	35,082.80	
		8/11/2005	base	11.9	0.1	1.1	bdl	bdl	0.9	6.6	813	275.5	
		9/26/2005	storm	--	bdl	122.2	26.6	19.1	114.9	1,176.80	76,159.20	98,103.30	
8	Little Cicero at 266 th	5/31/2005	base	256.1	1.3	26.3	6.7	bdl	22.2	1,311.70	4,784.60	2,681.00	
		6/13/2005	storm	No flow collected; estimated for comparison purposes only.									
		8/11/2005	base	13.8	0.9	2.9	0.6	0.3	2.4	42.9	3,335.80	2,365.40	
		9/26/2005	storm	--	bdl	508.8	120.9	56.8	482.4	34,491.40	1,086,432.50	364,637.40	