

Appendix H

Model Predicted Streamflow and Measured *E. coli* Data Used in Developing Load Duration Curves

Table H-1. Predicted streamflow and measured *E. coli* concentration at Station 12074, Flat Bank Cr. (Median concentrations were used for *E. coli* data collected in 2004, since five samples were taken per event.)

Date	Predicted streamflow	<i>E. coli</i>
	m ³ /s	colonies/100 ml
Oct/9/2002	7.84	1100
Nov/12/2002	0.46	76
Dec/11/2002	0.40	936
Jan/15/2003	0.71	773
Feb/11/2003	0.37	177
Mar/11/2003	0.36	76
Apr/9/2003	2.58	8200
May/6/2003	0.24	53
Jun/3/2003	0.73	540
Jun/18/2003	0.42	1300
Jul/16/2003	2.31	3000
Aug/12/2003	2.16	440
Mar/15/2004	36.88	2800
Apr/6/2004	0.29	1400
May/4/2004	1.61	1480
May/25/2004	0.87	90
Jun/22/2004	0.35	17
Jul/13/2004	3.08	440
Aug/10/2004	1.13	48
Aug/24/2004	1.16	350
Sep/28/2004	0.26	57
Oct/12/2004	0.28	115
Nov/2/2004	65.88	9200
Nov/23/2004	81.15	1700

Table H-2. Predicted streamflow and measured *E. coli* concentration at Station 17688, Stafford Run (Median concentrations were used for *E. coli* data collected in 2004, since five samples were taken per event.)

Date	Predicted streamflow	<i>E. coli</i>
	m ³ /s	colonies/100 ml
Oct/9/2002	0.55	1900
Nov/12/2002	0.23	102
Dec/11/2002	0.21	2100
Jan/15/2003	0.20	1220
Feb/11/2003	0.21	230
Mar/11/2003	0.20	590
Apr/9/2003	0.47	10600
May/6/2003	0.14	76
Jun/3/2003	0.17	280
Jun/18/2003	0.17	4400
Jul/16/2003	0.60	20000
Aug/12/2003	0.20	230
Mar/15/2004	3.30	11000
Apr/6/2004	0.18	430
May/4/2004	0.26	6800
May/25/2004	0.19	880
Jun/22/2004	0.18	95
Jul/13/2004	0.47	150
Aug/10/2004	0.17	320
Aug/24/2004	0.21	160
Sep/28/2004	0.16	830
Oct/12/2004	0.17	83
Nov/2/2004	6.81	15800
Nov/23/2004	4.70	4700

Table H-3. Predicted streamflow and measured *E. coli* concentration at Station 12083, Oyster Cr. (Median concentrations were used for *E. coli* data collected in 2004, since five samples were taken per event.)

Date	Predicted streamflow	<i>E. coli</i>
	m ³ /s	Colonies/100 ml
Oct/9/2002	10.43	750
Nov/12/2002	4.97	88
Dec/11/2002	2.63	1100
Jan/15/2003	2.40	300
Feb/11/2003	0.63	230
Mar/11/2003	0.73	96
Apr/9/2003	5.87	1600
May/6/2003	2.88	98
Jun/3/2003	4.62	56
Jun/18/2003	4.24	128
Jul/16/2003	3.31	20000
Aug/12/2003	4.88	170
Mar/15/2004	28.83	3800
Apr/6/2004	3.12	1
May/4/2004	4.21	2
May/25/2004	3.65	60
Jun/22/2004	3.21	110
Jul/13/2004	5.19	570
Aug/10/2004	4.88	83
Aug/24/2004	5.06	38
Sep/28/2004	2.79	33
Oct/12/2004	3.14	110
Nov/2/2004	43.94	4600
Nov/23/2004	65.50	760

Table H-4. Predicted streamflow and measured *E. coli* concentration at Station 12086, Oyster Cr. (Median concentrations were used for *E. coli* data collected in 2004, since five samples were taken per event.)

Date	Predicted streamflow	<i>E. coli</i>
	m ³ /s	colonies/100 ml
Oct/9/2002	9.93	90
Nov/12/2002	5.10	80
Dec/11/2002	2.65	1270
Jan/15/2003	2.43	550
Feb/11/2003	0.67	40
Mar/11/2003	0.76	15
Apr/9/2003	5.49	1020
May/6/2003	3.03	30
Jun/3/2003	4.78	42
Jun/18/2003	4.39	39
Jul/16/2003	2.81	1200
Aug/12/2003	4.96	1000
Mar/15/2004	23.95	5800
Apr/6/2004	3.19	83
May/4/2004	4.10	480
May/25/2004	3.68	82
Jun/22/2004	3.32	52
Jul/13/2004	4.82	170
Aug/10/2004	4.99	31
Aug/24/2004	5.11	48
Sep/28/2004	2.95	27
Oct/12/2004	3.30	63
Nov/2/2004	33.06	5800
Nov/23/2004	58.11	7200

Table H-5. Predicted streamflow and measured *E. coli* concentration at Station 12087, Oyster Cr. (Median concentrations were used for *E. coli* data collected in 2004, since five samples were taken per event.)

Date	Predicted streamflow	<i>E. coli</i>
	m ³ /s	colonies/100 ml
Oct/9/2002	9.01	845
Nov/12/2002	4.90	116
Dec/11/2002	2.39	1500
Jan/15/2003	2.26	1070
Feb/11/2003	0.57	52
Mar/11/2003	0.65	27
Apr/9/2003	5.32	2100
May/6/2003	2.99	42
May/20/2003	5.71	210
Jun/18/2003	4.37	35
Jul/16/2003	2.35	2200
Aug/12/2003	4.05	1730
Mar/15/2004	20.07	5300
Apr/6/2004	3.14	100
May/4/2004	3.82	570
May/25/2004	3.57	120
Jun/22/2004	3.26	140
Jul/13/2004	4.37	400
Aug/10/2004	4.94	85
Aug/24/2004	4.96	40
Sep/28/2004	2.94	37
Oct/12/2004	3.26	120
Nov/2/2004	23.28	1110
Nov/23/2004	42.25	7100

Table H-6. Predicted streamflow and measured *E. coli* concentration at Station 12090, Jones Creek (Median concentrations were used for *E. coli* data collected in 2004, since five samples were taken per event.)

Date	Predicted streamflow	<i>E. coli</i>
	m ³ /s	colonies/100 ml
Oct/9/2002	3.59	5500
Nov/12/2002	4.07	155
Dec/11/2002	0.71	745
Jan/15/2003	0.88	200
Feb/11/2003	0.26	1140
Mar/11/2003	0.32	200
Apr/9/2003	3.37	400
May/6/2003	3.01	54
May/20/2003	5.72	210
Jun/18/2003	2.13	430
Jul/16/2003	0.67	900
Aug/12/2003	2.98	718
Mar/15/2004	12.65	3000
Apr/6/2004	3.07	920
May/4/2004	2.10	390
May/25/2004	3.46	150
Jun/22/2004	3.10	3400
Jul/13/2004	3.22	230
Aug/10/2004	4.93	20
Aug/24/2004	4.87	170
Sep/28/2004	2.95	40
Oct/12/2004	3.06	450
Nov/2/2004	31.99	4800
Nov/23/2004	61.56	20000