

CC-40

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S1-1	TDS = 1.4211*TSS + 28688	190.83	16024.85	28959.19218	80.71	1.81
4/1/2003			1100.96	36554.23	30252.57025	-17.24	0.83
5/15/2003			23599.63	84130.45	62225.4326	-26.04	0.74
7/14/2003			2055.12	68158.06	31608.53114	-53.62	0.46
8/12/2003			3386.05	40268.66	33499.92274	-16.81	0.83
10/8/2003			880.77	36390.30	29939.6562	-17.73	0.82
2/2/2004			978.63	22162.02	30078.72911	35.72	1.36
4/6/2004			1330.93	36226.38	30579.3916	-15.59	0.84
5/19/2004			4932.29	53241.31	35697.27474	-32.95	0.67
6/8/2004			14385.84	64715.73	49131.71799	-24.08	0.76
7/12/2004			1120.53	47672.94	30280.38484	-36.48	0.64
8/10/2004			1477.73	35642.83	30788.00096	-13.62	0.86
10/6/2004			38973.88	44037.19	84073.787	90.92	1.91
12/1/2004			308.27	10946.60	29126.07967	166.07	2.66
2/6/1995			440.38	16916.57	29313.8281	73.28	1.73
4/4/1995			315.61	18537.75	29136.51014	57.17	1.57
8/15/1995			3001.94	76831.74	32954.06156	-57.11	0.43
10/11/1995			1193.93	39496.59	30384.68952	-23.07	0.77
12/7/1995			954.16	27595.98	30043.96089	8.87	1.09
2/5/1996			1034.90	24807.70	30158.69604	21.57	1.22
4/2/1996			1291.79	32131.66	30523.76243	-5.00	0.95
5/23/1996			23844.29	136519.38	62573.11488	-54.17	0.46
7/15/1996			1978.05	82521.74	31499.01122	-61.83	0.38
8/20/1996			6269.34	50338.28	37597.35839	-25.31	0.75
10/9/1996			822.05	25886.29	29856.21246	15.34	1.15
12/5/1996			129.67	25715.82	28872.27161	12.27	1.12
2/24/1997			176.15	20181.87	28938.33124	43.39	1.43
4/1/1997			880.77	30095.77	29939.6562	-0.52	0.99
7/14/1997			6507.88	107916.92	37936.34861	-64.85	0.35
8/12/1997			3875.37	74000.18	34195.28729	-53.79	0.46
10/8/1997			1443.48	36364.08	30739.32544	-15.47	0.85
12/4/1997			792.69	24696.23	29814.49058	20.72	1.21

CC-40 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S2-1	TDS = 1.1889*TSS + 42716	190.83	16024.85	42942.88085	167.98	2.68
4/1/2003			1100.96	36554.23	44024.928	20.44	1.20
5/15/2003			23599.63	84130.45	70773.59878	-15.88	0.84
7/14/2003			2055.12	68158.06	45159.33226	-33.74	0.66
8/12/2003			3386.05	40268.66	46741.68077	16.07	1.16
10/8/2003			880.77	36390.30	43763.1424	20.26	1.20
2/2/2004			978.63	22162.02	43879.49155	97.99	1.98
4/6/2004			1330.93	36226.38	44298.34851	22.28	1.22
5/19/2004			4932.29	53241.31	48579.99742	-8.76	0.91
6/8/2004			14385.84	64715.73	59819.32582	-7.57	0.92
7/12/2004			1120.53	47672.94	44048.19783	-7.60	0.92
8/10/2004			1477.73	35642.83	44472.87224	24.77	1.25
10/6/2004			38973.88	44037.19	89052.05106	102.22	2.02
12/1/2004			308.27	10946.60	43082.49984	293.57	3.94
2/6/1995			440.38	16916.57	43239.5712	155.60	2.56
4/4/1995			315.61	18537.75	43091.22603	132.45	2.32
8/15/1995			3001.94	76831.74	46285.01034	-39.76	0.60
10/11/1995			1193.93	39496.59	44135.45969	11.74	1.12
12/7/1995			954.16	27595.98	43850.40426	58.90	1.59
2/5/1996			1034.90	24807.70	43946.39232	77.15	1.77
4/2/1996			1291.79	32131.66	44251.80885	37.72	1.38
5/23/1996			23844.29	136519.38	71064.47167	-47.95	0.52
7/15/1996			1978.05	82521.74	45067.7073	-45.39	0.55
8/20/1996			6269.34	50338.28	50169.61776	-0.34	1.00
10/9/1996			822.05	25886.29	43693.3329	68.79	1.69
12/5/1996			129.67	25715.82	42870.16263	66.71	1.67
2/24/1997			176.15	20181.87	42925.42848	112.69	2.13
4/1/1997			880.77	30095.77	43763.1424	45.41	1.45
7/14/1997			6507.88	107916.92	50453.21882	-53.25	0.47
8/12/1997			3875.37	74000.18	47323.42655	-36.05	0.64
10/8/1997			1443.48	36364.08	44432.15004	22.19	1.22
12/4/1997			792.69	24696.23	43658.42816	76.78	1.77

CC-40 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S3-1	TDS = 1.5371*TSS + 41755	190.83	16024.85	42048.32876	162.39	2.62
4/1/2003			1100.96	36554.23	43447.28129	18.86	1.19
5/15/2003			23599.63	84130.45	78029.98955	-7.25	0.93
7/14/2003			2055.12	68158.06	44913.92507	-34.10	0.66
8/12/2003			3386.05	40268.66	46959.70512	16.62	1.17
10/8/2003			880.77	36390.30	43108.82503	18.46	1.18
2/2/2004			978.63	22162.02	43259.25003	95.20	1.95
4/6/2004			1330.93	36226.38	43800.78005	20.91	1.21
5/19/2004			4932.29	53241.31	49336.42017	-7.33	0.93
6/8/2004			14385.84	64715.73	63867.47549	-1.31	0.99
7/12/2004			1120.53	47672.94	43477.36629	-8.80	0.91
8/10/2004			1477.73	35642.83	44026.41755	23.52	1.24
10/6/2004			38973.88	44037.19	101661.7576	130.85	2.31
12/1/2004			308.27	10946.60	42228.83876	285.77	3.86
2/6/1995			440.38	16916.57	42431.91252	150.83	2.51
4/4/1995			315.61	18537.75	42240.12064	127.86	2.28
8/15/1995			3001.94	76831.74	46369.28698	-39.65	0.60
10/11/1995			1193.93	39496.59	43590.18504	10.36	1.10
12/7/1995			954.16	27595.98	43221.64378	56.62	1.57
2/5/1996			1034.90	24807.70	43345.74441	74.73	1.75
4/2/1996			1291.79	32131.66	43740.61004	36.13	1.36
5/23/1996			23844.29	136519.38	78406.05206	-42.57	0.57
7/15/1996			1978.05	82521.74	44795.46538	-45.72	0.54
8/20/1996			6269.34	50338.28	51391.60178	2.09	1.02
10/9/1996			822.05	25886.29	43018.57003	66.18	1.66
12/5/1996			129.67	25715.82	41954.31313	63.15	1.63
2/24/1997			176.15	20181.87	42025.76501	108.24	2.08
4/1/1997			880.77	30095.77	43108.82503	43.24	1.43
7/14/1997			6507.88	107916.92	51758.26272	-52.04	0.48
8/12/1997			3875.37	74000.18	47711.83013	-35.52	0.64
10/8/1997			1443.48	36364.08	43973.7688	20.93	1.21
12/4/1997			792.69	24696.23	42973.44253	74.01	1.74

CC-40 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S4-1	TDS = 6.2398*TSS + 21234	190.83	16024.85	22424.75712	39.94	1.40
4/1/2003			1100.96	36554.23	28103.75264	-23.12	0.77
2/2/2004			978.63	22162.02	27340.44679	23.37	1.23
4/6/2004			1330.93	36226.38	29538.76763	-18.46	0.82
12/1/2004			308.27	10946.60	23157.53074	111.55	2.12
2/6/1995			440.38	16916.57	23981.90105	41.77	1.42
4/4/1995			315.61	18537.75	23203.32909	25.17	1.25
12/7/1995			954.16	27595.98	27187.78562	-1.48	0.99
2/5/1996			1034.90	24807.70	27691.56748	11.62	1.12
4/2/1996			1291.79	32131.66	29294.50976	-8.83	0.91
12/5/1996			129.67	25715.82	22043.1042	-14.28	0.86
2/24/1997			176.15	20181.87	22333.16042	10.66	1.11
4/1/1997			880.77	30095.77	26729.80211	-11.18	0.89
12/4/1997			792.69	24696.23	26180.2219	6.01	1.06

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Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
4/1/2003	S1-1	TDS = 1.4211*TSS + 28688	182.02	7520.66	28946.67562	284.90	3.85
5/15/2003			2911.42	11015.44	32825.41912	197.99	2.98
7/14/2003			91.01	4055.06	28817.33781	610.65	7.11
8/12/2003			85.63	2975.15	28809.6888	868.34	9.68
10/8/2003			120.86	3095.80	28859.75505	832.22	9.32
12/4/2003			63.61	1977.53	28778.39739	1355.27	14.55
2/2/2004			43.06	2574.86	28749.19208	1016.53	11.17
4/6/2004			195.73	5271.68	28966.14582	449.47	5.49
5/19/2004			254.44	6819.08	29049.58957	326.00	4.26
6/8/2004			220.19	3983.26	29000.91405	628.07	7.28
7/12/2004			188.39	4111.12	28955.71535	604.33	7.04
8/10/2004			159.27	5289.87	28914.34116	446.60	5.47
12/1/2004			29.36	1485.12	28729.72187	1834.51	19.35
2/6/1995			41.10	1767.06	28746.41062	1526.79	16.27
4/4/1995			66.06	2177.52	28781.87422	1221.77	13.22
5/25/1995			18789.67	47209.04	55389.999	17.33	1.17
6/14/1995			37726.13	65297.65	82300.60738	26.04	1.26
7/10/1995			895.45	13568.83	29960.51714	120.80	2.21
8/15/1995			178.11	1813.88	28941.1127	1495.54	15.96
10/11/1995			155.60	3718.37	28909.12593	677.47	7.77
12/7/1995			66.06	2719.44	28781.87422	958.38	10.58
2/5/1996			106.43	2833.20	28839.24179	917.90	10.18
4/2/1996			356.71	5271.18	29194.92076	453.86	5.54
5/23/1996			3048.43	12225.50	33020.12119	170.09	2.70
6/19/1996			763.33	8566.47	29772.76871	247.55	3.48
7/15/1996			337.63	4484.86	29167.80154	550.36	6.50
12/5/1996			29.36	2896.47	28729.72187	891.89	9.92
2/24/1997			32.29	2344.06	28733.89406	1125.82	12.26
4/1/1997			108.63	4730.74	28842.37093	509.68	6.10
6/18/1997			3596.46	22489.86	33798.9295	50.29	1.50
7/14/1997			371.88	6883.01	29216.47706	324.47	4.24
8/12/1997			269.12	5571.65	29070.45051	421.76	5.22
10/8/1997			139.45	3301.35	28886.1789	774.98	8.75
12/4/1997			41.10	2574.86	28746.41062	1016.43	11.16
2/5/2007			55.78	3058.42	28767.27156	840.59	9.41
4/10/2007			900.34	14929.86	29967.47079	100.72	2.01
5/24/2007			5852.20	22017.77	37004.56011	68.07	1.68
6/13/2007			1394.55	13267.71	30669.78899	131.16	2.31
7/16/2007			282.58	4707.95	29089.57303	517.88	6.18
8/14/2007			1557.24	3865.90	30900.9977	699.32	7.99
10/17/2007			146.30	4599.60	28895.914	528.23	6.28
2/11/2008			72.66	4102.76	28791.26164	601.75	7.02
4/8/2008			33.03	4595.51	28734.93711	525.28	6.25
5/22/2008			11068.29	15259.34	44417.14629	191.08	2.91
6/18/2008			782.90	7540.33	29800.58329	295.22	3.95
7/28/2008			90.03	2706.98	28815.94708	964.51	10.65
8/19/2008			267.17	2333.41	29067.66905	1145.72	12.46
12/4/2008			58.23	1906.07	28770.74838	1409.43	15.09
2/2/2009			18.35	2577.65	28714.07617	1013.96	11.14
4/7/2009			36.21	3451.01	28739.45698	732.78	8.33
5/28/2009			1781.10	12116.99	31219.12699	157.65	2.58
6/16/2009			452.62	9279.53	29331.21222	216.09	3.16
7/13/2009			296.04	4922.53	29108.69556	491.34	5.91
8/11/2009			161.47	1979.83	28917.4703	1360.60	14.61
10/11/2009			56.27	2510.93	28767.96692	1045.71	11.46
12/3/2009			144.10	3800.98	28892.78486	660.14	7.60

CC-50 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
4/1/2003	S3-3	TDS = 2.1555*TSS + 3384.4	182.02	7520.66	3776.754717	-49.78	0.50
5/15/2003			2911.42	11015.44	9659.966045	-12.31	0.88
7/14/2003			91.01	4055.06	3580.577359	-11.70	0.88
8/12/2003			85.63	2975.15	3568.975472	19.96	1.20
10/8/2003			120.86	3095.80	3644.915095	17.74	1.18
12/4/2003			63.61	1977.53	3521.513208	78.08	1.78
2/2/2004			43.06	2574.86	3477.215094	35.04	1.35
4/6/2004			195.73	5271.68	3806.286793	-27.80	0.72
5/19/2004			254.44	6819.08	3932.852831	-42.33	0.58
6/8/2004			220.19	3983.26	3859.022642	-3.12	0.97
7/12/2004			188.39	4111.12	3790.466038	-7.80	0.92
8/10/2004			159.27	5289.87	3727.710378	-29.53	0.70
12/1/2004			29.36	1485.12	3447.683019	132.15	2.32
2/6/1995			41.10	1767.06	3472.996227	96.54	1.97
4/4/1995			66.06	2177.52	3526.786793	61.96	1.62
5/25/1995			18789.67	47209.04	43885.53212	-7.04	0.93
6/14/1995			37726.13	65297.65	84703.07933	29.72	1.30
7/10/1995			895.45	13568.83	5314.532078	-60.83	0.39
8/15/1995			178.11	1813.88	3768.316982	107.75	2.08
10/11/1995			155.60	3718.37	3719.8	0.04	1.00
12/7/1995			66.06	2719.44	3526.786793	29.69	1.30
2/5/1996			106.43	2833.20	3613.800944	27.55	1.28
4/2/1996			356.71	5271.18	4153.28868	-21.21	0.79
5/23/1996			3048.43	12225.50	9955.2868	-18.57	0.81
6/19/1996			763.33	8566.47	5029.758492	-41.29	0.59
7/15/1996			337.63	4484.86	4112.154718	-8.31	0.92
12/5/1996			29.36	2896.47	3447.683019	19.03	1.19
2/24/1997			32.29	2344.06	3454.011321	47.35	1.47
4/1/1997			108.63	4730.74	3618.54717	-23.51	0.76
6/18/1997			3596.46	22489.86	11136.56982	-50.48	0.50
7/14/1997			371.88	6883.01	4185.984907	-39.18	0.61
8/12/1997			269.12	5571.65	3964.49434	-28.85	0.71
10/8/1997			139.45	3301.35	3684.99434	11.62	1.12
12/4/1997			41.10	2574.86	3472.996227	34.88	1.35
2/5/2007			55.78	3058.42	3504.637736	14.59	1.15
4/10/2007			900.34	14929.86	5325.079247	-64.33	0.36
5/24/2007			5852.20	22017.77	15998.81511	-27.34	0.73
6/13/2007			1394.55	13267.71	6390.343399	-51.84	0.48
7/16/2007			282.58	4707.95	3993.499057	-15.18	0.85
8/14/2007			1557.24	3865.90	6741.036796	74.37	1.74
10/17/2007			146.30	4599.60	3699.760378	-19.56	0.80
2/11/2008			72.66	4102.76	3541.025472	-13.69	0.86
4/8/2008			33.03	4595.51	3455.593396	-24.80	0.75
5/22/2008			11068.29	15259.34	27242.09814	78.53	1.79
6/18/2008			782.90	7540.33	5071.947172	-32.74	0.67
7/28/2008			90.03	2706.98	3578.467925	32.19	1.32
8/19/2008			267.17	2333.41	3960.275472	69.72	1.70
12/4/2008			58.23	1906.07	3509.911321	84.14	1.84
2/2/2009			18.35	2577.65	3423.951887	32.83	1.33
4/7/2009			36.21	3451.01	3462.449057	0.33	1.00
5/28/2009			1781.10	12116.99	7223.569815	-40.38	0.60
6/16/2009			452.62	9279.53	4360.013209	-53.01	0.47
7/13/2009			296.04	4922.53	4022.503774	-18.28	0.82
8/11/2009			161.47	1979.83	3732.456604	88.52	1.89
10/11/2009			56.27	2510.93	3505.692453	39.62	1.40
12/3/2009			144.10	3800.98	3695.014151	-2.79	0.97

CC-50 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
4/1/2003	S4-3	TDS = 8.1163*TSS + 1825.9	182.02	7520.66	3303.268867	-56.08	0.44
8/12/2003			85.63	2975.15	2520.898795	-15.27	0.85
10/8/2003			120.86	3095.80	2806.841156	-9.33	0.91
12/4/2003			63.61	1977.53	2342.184819	18.44	1.18
2/2/2004			43.06	2574.86	2175.385108	-15.51	0.84
4/6/2004			195.73	5271.68	3414.468674	-35.23	0.65
12/1/2004			29.36	1485.12	2064.185301	38.99	1.39
2/6/1995			41.10	1767.06	2159.499422	22.21	1.22
4/4/1995			66.06	2177.52	2362.041928	8.47	1.08
10/11/1995			155.60	3718.37	3088.812096	-16.93	0.83
12/7/1995			66.06	2719.44	2362.041928	-13.14	0.87
2/5/1996			106.43	2833.20	2689.684217	-5.07	0.95
4/2/1996			356.71	5271.18	4721.066409	-10.44	0.90
12/5/1996			29.36	2896.47	2064.185301	-28.73	0.71
2/24/1997			32.29	2344.06	2088.013831	-10.92	0.89
4/1/1997			108.63	4730.74	2707.555614	-42.77	0.57
10/8/1997			139.45	3301.35	2957.75518	-10.41	0.90
12/4/1997			41.10	2574.86	2159.499422	-16.13	0.84
2/5/2007			55.78	3058.42	2278.642072	-25.50	0.75
7/16/2007			282.58	4707.95	4119.396023	-12.50	0.87
8/14/2007			1557.24	3865.90	14464.94951	274.17	3.74
10/17/2007			146.30	4599.60	3013.355084	-34.49	0.66
2/11/2008			72.66	4102.76	2415.65612	-41.12	0.59
4/8/2008			33.03	4595.51	2093.970964	-54.43	0.46
7/28/2008			90.03	2706.98	2556.64159	-5.55	0.94
8/19/2008			267.17	2333.41	3994.29624	71.18	1.71
12/4/2008			58.23	1906.07	2298.499181	20.59	1.21
2/2/2009			18.35	2577.65	1974.828313	-23.39	0.77
4/7/2009			36.21	3451.01	2119.785205	-38.58	0.61
8/11/2009			161.47	1979.83	3136.469156	58.42	1.58
10/11/2009	56.27	2510.93	2282.613494	-9.09	0.91		
12/3/2009	144.10	3800.98	2995.483686	-21.19	0.79		

CC-50 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
5/15/2003	S4-9	TDS = 1.8646*TSS + 4646.4	2911.42	11015.44	10075.03393	-8.54	0.91
7/14/2003			91.01	4055.06	4816.101834	18.77	1.19
5/19/2004			254.44	6819.08	5120.835235	-24.90	0.75
6/8/2004			220.19	3983.26	5056.968953	26.96	1.27
7/12/2004			188.39	4111.12	4997.664549	21.56	1.22
8/10/2004			159.27	5289.87	4943.378209	-6.55	0.93
5/25/1995			18789.67	47209.04	39681.61733	-15.94	0.84
6/14/1995			37726.13	65297.65	74990.54729	14.84	1.15
7/10/1995			895.45	13568.83	6316.047076	-53.45	0.47
8/15/1995			178.11	1813.88	4978.504664	174.47	2.74
5/23/1996			3048.43	12225.50	10330.49906	-15.50	0.84
6/19/1996			763.33	8566.47	6069.705704	-29.15	0.71
7/15/1996			337.63	4484.86	5275.939061	17.64	1.18
6/18/1997			3596.46	22489.86	11352.35957	-49.52	0.50
7/14/1997			371.88	6883.01	5339.805343	-22.42	0.78
8/12/1997			269.12	5571.65	5148.206498	-7.60	0.92
4/10/2007			900.34	14929.86	6325.17083	-57.63	0.42
5/24/2007			5852.20	22017.77	15558.4104	-29.34	0.71
6/13/2007			1394.55	13267.71	7246.670036	-45.38	0.55
5/22/2008			11068.29	15259.34	25284.33271	65.70	1.66
6/18/2008			782.90	7540.33	6106.200722	-19.02	0.81
5/28/2009			1781.10	12116.99	7967.446643	-34.25	0.66
6/16/2009			452.62	9279.53	5490.347292	-40.83	0.59
7/13/2009			296.04	4922.53	5198.387148	5.60	1.06

CC-60

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S1-1	TDS = 1.4211*TSS + 28688	381.67	17303.43	29230.38435	68.93	1.69
4/1/2003			1856.95	57231.13	31326.9085	-45.26	0.55
6/11/2003			14985.25	149167.47	49983.53957	-66.49	0.34
10/8/2003			626.32	43222.50	29578.06663	-31.57	0.68
12/4/2003			2194.57	19340.96	31806.71004	64.45	1.64
4/6/2004			890.55	51313.61	29953.56349	-41.63	0.58
5/19/2004			1071.60	55283.76	30210.84838	-45.35	0.55
6/8/2004			42413.76	63292.90	88962.19984	40.56	1.41
7/12/2004			1526.66	46369.77	30857.53742	-33.45	0.67
8/10/2004			16184.07	38313.09	51687.18274	34.91	1.35
12/1/2004			1027.56	20653.96	30148.26557	45.97	1.46
2/6/1995			538.25	12405.49	29452.90101	137.42	2.37
4/4/1995			342.52	17269.00	29174.75519	68.94	1.69
10/11/1995			415.92	30374.43	29279.05987	-3.61	0.96
12/7/1995			748.65	23491.42	29751.90777	26.65	1.27
2/5/1996			782.90	23735.66	29800.58329	25.55	1.26
4/2/1996			1937.68	38121.30	31441.64365	-17.52	0.82
5/23/1996			30337.49	121956.70	71800.60256	-41.13	0.59
7/15/1996			6224.08	70753.24	37533.03717	-46.95	0.53
10/9/1996			406.13	21169.98	29265.15258	38.24	1.38
12/5/1996			782.90	21899.75	29800.58329	36.08	1.36
2/24/1997			210.41	25022.43	28987.00676	15.84	1.16
4/1/1997			636.11	33669.23	29591.97392	-12.11	0.88
7/14/1997			5715.19	96686.74	36809.85803	-61.93	0.38
8/12/1997			9776.50	68777.68	42581.38386	-38.09	0.62
10/8/1997			1027.56	33390.56	30148.26557	-9.71	0.90
12/4/1997			234.87	23289.80	29021.77499	24.61	1.25
2/5/2007			308.27	25197.83	29126.07967	15.59	1.16
4/10/2007			4146.94	68535.07	34581.21462	-49.54	0.50
5/24/2007			53922.44	164444.84	105317.1742	-35.96	0.64
6/13/2007			83190.77	137084.90	146910.4052	7.17	1.07
7/16/2007			4447.87	52647.92	35008.86383	-33.50	0.66
8/14/2007			2422.11	37865.59	32130.05456	-15.15	0.85
10/17/2007			609.20	37414.81	29553.72887	-21.01	0.79
2/11/2008			352.31	30607.20	29188.66248	-4.63	0.95
4/8/2008			239.76	32690.62	29028.72863	-11.20	0.89
5/22/2008			63366.20	134158.92	118737.7102	-11.49	0.89
6/18/2008			19699.79	103191.10	56683.37708	-45.07	0.55
8/19/2008			5959.85	47251.66	37157.54031	-21.36	0.79
10/15/2008			919.91	36209.99	29995.28537	-17.16	0.83
12/4/2008	1507.09	16805.11	30829.72284	83.45	1.83		
2/2/2009	215.30	26974.72	28993.96041	7.49	1.07		
4/7/2009	939.48	28797.52	30023.09995	4.26	1.04		
5/28/2009	29564.37	126146.50	70701.92656	-43.95	0.56		
6/16/2009	11012.02	51646.37	44337.17936	-14.15	0.86		
7/13/2009	7689.57	72128.21	39615.65402	-45.08	0.55		
8/11/2009	1282.00	27486.15	30509.85514	11.00	1.11		
10/14/2009	1027.56	31784.14	30148.26557	-5.15	0.95		
12/3/2009	234.87	28325.43	29021.77499	2.46	1.02		

CC-60 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S2-1	TDS = 1.1889*TSS + 42716	381.67	17303.43	43169.76171	149.49	2.49
4/1/2003			1856.95	57231.13	44923.72522	-21.50	0.78
6/11/2003			14985.25	149167.47	60531.96439	-59.42	0.41
10/8/2003			626.32	43222.50	43460.63459	0.55	1.01
12/4/2003			2194.57	19340.96	45325.12981	134.35	2.34
4/6/2004			890.55	51313.61	43774.77731	-14.69	0.85
5/19/2004			1071.60	55283.76	43990.02325	-20.43	0.80
6/8/2004			42413.76	63292.90	93141.72387	47.16	1.47
7/12/2004			1526.66	46369.77	44531.04682	-3.97	0.96
8/10/2004			16184.07	38313.09	61957.24154	61.71	1.62
12/1/2004			1027.56	20653.96	43937.66613	112.73	2.13
2/6/1995			538.25	12405.49	43355.92035	249.49	3.49
4/4/1995			342.52	17269.00	43123.22204	149.71	2.50
10/11/1995			415.92	30374.43	43210.48391	42.26	1.42
12/7/1995			748.65	23491.42	43606.07104	85.63	1.86
2/5/1996			782.90	23735.66	43646.79324	83.89	1.84
4/2/1996			1937.68	38121.30	45019.71327	18.10	1.18
5/23/1996			30337.49	121956.70	78784.23811	-35.40	0.65
7/15/1996			6224.08	70753.24	50115.80627	-29.17	0.71
10/9/1996			406.13	21169.98	43198.84899	104.06	2.04
12/5/1996			782.90	21899.75	43646.79324	99.30	1.99
2/24/1997			210.41	25022.43	42966.15068	71.71	1.72
4/1/1997			636.11	33669.23	43472.26951	29.12	1.29
7/14/1997			5715.19	96686.74	49510.79066	-48.79	0.51
8/12/1997			9776.50	68777.68	54339.2806	-20.99	0.79
10/8/1997			1027.56	33390.56	43937.66613	31.59	1.32
12/4/1997			234.87	23289.80	42995.23797	84.61	1.85
2/5/2007			308.27	25197.83	43082.49984	70.98	1.71
4/10/2007			4146.94	68535.07	47646.29545	-30.48	0.70
5/24/2007			53922.44	164444.84	106824.3845	-35.04	0.65
6/13/2007			83190.77	137084.90	141621.5081	3.31	1.03
7/16/2007			4447.87	52647.92	48004.0691	-8.82	0.91
8/14/2007			2422.11	37865.59	45595.64159	20.41	1.20
10/17/2007			609.20	37414.81	43440.27349	16.10	1.16
2/11/2008			352.31	30607.20	43134.85696	40.93	1.41
4/8/2008			239.76	32690.62	43001.05543	31.54	1.32
5/22/2008			63366.20	134158.92	118052.078	-12.01	0.88
6/18/2008			19699.79	103191.10	66137.08494	-35.91	0.64
8/19/2008			5959.85	47251.66	49801.66355	5.40	1.05
10/15/2008			919.91	36209.99	43809.68206	20.99	1.21
12/4/2008			1507.09	16805.11	44507.77699	164.85	2.65
2/2/2009			215.30	26974.72	42971.96814	59.30	1.59
4/7/2009	939.48	28797.52	43832.95189	52.21	1.52		
5/28/2009	29564.37	126146.50	77865.07979	-38.27	0.62		
6/16/2009	11012.02	51646.37	55808.18869	8.06	1.08		
7/13/2009	7689.57	72128.21	51858.13487	-28.10	0.72		
8/11/2009	1282.00	27486.15	44240.17393	60.95	1.61		
10/14/2009	1027.56	31784.14	43937.66613	38.24	1.38		
12/3/2009	234.87	28325.43	42995.23797	51.79	1.52		

CC-60 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S3-5	TDS = 1.1395*TSS + 42435	381.67	17303.43	42869.90745	147.75	2.48
4/1/2003			1856.95	57231.13	44550.992	-22.16	0.78
6/11/2003			14985.25	149167.47	59510.69301	-60.10	0.40
10/8/2003			626.32	43222.50	43148.69427	-0.17	1.00
12/4/2003			2194.57	19340.96	44935.71782	132.33	2.32
4/6/2004			890.55	51313.61	43449.78404	-15.33	0.85
5/19/2004			1071.60	55283.76	43656.08629	-21.03	0.79
6/8/2004			42413.76	63292.90	90765.48393	43.41	1.43
7/12/2004			1526.66	46369.77	44174.62979	-4.73	0.95
8/10/2004			16184.07	38313.09	60876.74845	58.89	1.59
12/1/2004			1027.56	20653.96	43605.90466	111.13	2.11
2/6/1995			538.25	12405.49	43048.33101	247.01	3.47
4/4/1995			342.52	17269.00	42825.30155	147.99	2.48
10/11/1995			415.92	30374.43	42908.9376	41.27	1.41
12/7/1995			748.65	23491.42	43288.08768	84.27	1.84
2/5/1996			782.90	23735.66	43327.11784	82.54	1.83
4/2/1996			1937.68	38121.30	44642.99165	17.11	1.17
5/23/1996			30337.49	121956.70	77004.56626	-36.86	0.63
7/15/1996			6224.08	70753.24	49527.33682	-30.00	0.70
10/9/1996			406.13	21169.98	42897.78613	102.64	2.03
12/5/1996			782.90	21899.75	43327.11784	97.84	1.98
2/24/1997			210.41	25022.43	42674.75667	70.55	1.71
4/1/1997			636.11	33669.23	43159.84574	28.19	1.28
7/14/1997			5715.19	96686.74	48947.46023	-49.38	0.51
8/12/1997			9776.50	68777.68	53575.32152	-22.10	0.78
10/8/1997			1027.56	33390.56	43605.90466	30.59	1.31
12/4/1997			234.87	23289.80	42702.63535	83.35	1.83
2/5/2007			308.27	25197.83	42786.2714	69.80	1.70
4/10/2007			4146.94	68535.07	47160.43668	-31.19	0.69
5/24/2007			53922.44	164444.84	103879.6162	-36.83	0.63
6/13/2007			83190.77	137084.90	137230.884	0.11	1.00
7/16/2007			4447.87	52647.92	47503.34447	-9.77	0.90
8/14/2007			2422.11	37865.59	45194.98956	19.36	1.19
10/17/2007			609.20	37414.81	43129.17919	15.27	1.15
2/11/2008			352.31	30607.20	42836.45303	39.96	1.40
4/8/2008			239.76	32690.62	42708.21109	30.64	1.31
5/22/2008			63366.20	134158.92	114640.7876	-14.55	0.85
6/18/2008			19699.79	103191.10	64882.91513	-37.12	0.63
8/19/2008			5959.85	47251.66	49226.24705	4.18	1.04
10/15/2008			919.91	36209.99	43483.23846	20.09	1.20
12/4/2008			1507.09	16805.11	44152.32684	162.73	2.63
2/2/2009			215.30	26974.72	42680.33241	58.22	1.58
4/7/2009	939.48	28797.52	43505.54141	51.07	1.51		
5/28/2009	29564.37	126146.50	76123.5999	-39.65	0.60		
6/16/2009	11012.02	51646.37	54983.19498	6.46	1.06		
7/13/2009	7689.57	72128.21	51197.2699	-29.02	0.71		
8/11/2009	1282.00	27486.15	43895.84296	59.70	1.60		
10/14/2009	1027.56	31784.14	43605.90466	37.19	1.37		
12/3/2009	234.87	28325.43	42702.63535	50.76	1.51		



CC-60 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
2/3/2003	S4-5	TDS = 20.628*TSS + 18177	381.67	17303.43	26049.98886	50.55	1.51
4/1/2003			1856.95	57231.13	56482.11888	-1.31	0.99
12/4/2003			2194.57	19340.96	63446.68595	228.04	3.28
4/6/2004			890.55	51313.61	36547.30734	-28.78	0.71
12/1/2004			1027.56	20653.96	39373.50847	90.63	1.91
2/6/1995			538.25	12405.49	29279.93301	136.02	2.36
4/4/1995			342.52	17269.00	25242.50282	46.17	1.46
10/11/1995			415.92	30374.43	26756.53914	-11.91	0.88
12/7/1995			748.65	23491.42	33620.17046	43.12	1.43
2/5/1996			782.90	23735.66	34326.72074	44.62	1.45
4/2/1996			1937.68	38121.30	58147.55883	52.53	1.53
10/9/1996			406.13	21169.98	26554.66763	25.44	1.25
12/5/1996			782.90	21899.75	34326.72074	56.74	1.57
2/24/1997			210.41	25022.43	22517.23745	-10.01	0.90
4/1/1997			636.11	33669.23	31298.6481	-7.04	0.93
12/4/1997			234.87	23289.80	23021.91622	-1.15	0.99
2/5/2007			308.27	25197.83	24535.95254	-2.63	0.97
10/17/2007			609.20	37414.81	30743.50145	-17.83	0.82
2/11/2008			352.31	30607.20	25444.37433	-16.87	0.83
4/8/2008			239.76	32690.62	23122.85198	-29.27	0.71
10/15/2008			919.91	36209.99	37152.92187	2.60	1.03
12/4/2008			1507.09	16805.11	49265.21243	193.16	2.93
2/2/2009			215.30	26974.72	22618.1732	-16.15	0.84
4/7/2009			939.48	28797.52	37556.66489	30.42	1.30
10/14/2009			1027.56	31784.14	39373.50847	23.88	1.24
12/3/2009			234.87	28325.43	23021.91622	-18.72	0.81

CC-60 (continued)

Date	Scenario	Equation	TSS Load (kg/day) observed	TDS Load (kg/day) observed	TDS (kg/day) estimated	Percent Difference	Ratio (estimated/observed)
6/11/2003	S4-11	TDS = 0.9042*TSS + 58723	14985.25	149167.47	72272.66356	-51.55	0.48
10/8/2003			626.32	43222.50	59289.32063	37.17	1.37
5/19/2004			1071.60	55283.76	59691.93921	7.97	1.08
6/8/2004			42413.76	63292.90	97073.52529	53.37	1.53
7/12/2004			1526.66	46369.77	60103.40654	29.62	1.30
8/10/2004			16184.07	38313.09	73356.63664	91.47	1.91
5/23/1996			30337.49	121956.70	86154.15561	-29.36	0.71
7/15/1996			6224.08	70753.24	64350.81128	-9.05	0.91
7/14/1997			5715.19	96686.74	63890.67577	-33.92	0.66
8/12/1997			9776.50	68777.68	67562.91111	-1.77	0.98
10/8/1997			1027.56	33390.56	59652.11979	78.65	1.79
4/10/2007			4146.94	68535.07	62472.662	-8.85	0.91
5/24/2007			53922.44	164444.84	107479.6669	-34.64	0.65
6/13/2007			83190.77	137084.90	133944.0955	-2.29	0.98
7/16/2007			4447.87	52647.92	62744.76136	19.18	1.19
8/14/2007			2422.11	37865.59	60913.06807	60.87	1.61
5/22/2008			63366.20	134158.92	116018.7202	-13.52	0.86
6/18/2008			19699.79	103191.10	76535.55363	-25.83	0.74
8/19/2008			5959.85	47251.66	64111.89476	35.68	1.36
5/28/2009			29564.37	126146.50	85455.10358	-32.26	0.68
6/16/2009			11012.02	51646.37	68680.06705	32.98	1.33
7/13/2009			7689.57	72128.21	65675.91307	-8.95	0.91
8/11/2009			1282.00	27486.15	59882.18754	117.86	2.18