

Campaspe River Health Data

Campaspe River Data

Site	Sample Date	Ammonia - Nitrogen	Biological Oxygen Demand (BOD)	Escherichia Coli (E. coli)	pH	Suspended Solids	Electrical Conductivity	Total Dissolved Solids (TDS)	Total Nitrogen	Total Phosphorus
		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
50m upstream of release	02/07/20	0.3	1	15	7.5	1	-	300	0.9	0.1
	09/07/20	0.05	1	8	7.4	1	-	290	0.9	0.05
	17/07/20	0.05	1	21	7.5	5	450	-	1.1	0.08
	20/08/20	0.05	1	130	7.5	10	430	-	1.7	0.11
	10/09/20	0.05	1	7	7.6	2	440	-	0.9	0.06
	01/10/20	0.05	1	23	7.5	2	470	-	0.9	0.13
	22/10/20	0.05	2	24	7.4	1	-	200	1.2	0.11
	29/10/20	0.05	1	32	7.3	1	-	260	1	0.09
	05/11/20	0.05	1	50	7.6	4	460	260	0.9	0.09
	12/11/20	0.05	1	140	7.5	2	-	270	0.9	0.12
	19/11/20	0.05	1	110	7.4	4	-	270	0.8	0.11
	26/11/20	0.05	1	28	7.4	1	-	310	1	0.12
	03/12/20	0.05	2	-	7.6	1	490	260	1.2	0.08
	10/12/20	0.05	1	370	8.4	46	-	230	2	0.58
	17/12/20	0.05	2	78	7.8	6	-	310	0.9	0.07
	11/02/21	0.05	3	50	7.4	9	460	-	0.8	0.1
	11/03/21	0.05	67	550	7	35	720	-	1.5	0.26
	15/04/21	0.05	12	63	7	13	470	-	0.7	0.14
	07/05/21	0.05	1	63	7.6	4	590	-	0.7	0.05
	04/06/21	0.05	1	66	7.4	1	440	-	0.5	0.025

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		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
50m downstream of release	02/07/20	0.3	1	9	7.5	4	-	290	1.5	0.14
	09/07/20	0.05	1	11	7.4	1	-	300	1.5	0.07
	17/07/20	0.05	1	71	7.6	5	460	-	1.2	0.1
	20/08/20	0.05	1	130	7.5	9	440	-	1.7	0.13
	10/09/20	0.05	1	24	7.6	2	450	-	1.6	0.08
	01/10/20	0.05	1	38	7.5	1	470	-	1.1	0.12
	22/10/20	0.5	1	24	7.5	5	-	250	2.5	1.8
	29/10/20	0.3	1	32	7.4	6	-	270	2.2	1.4
	05/11/20	0.05	1	81	7.6	4	480	260	1.6	0.2
	12/11/20	0.05	2	160	7.6	4	-	290	1.6	0.15
	19/11/20	0.05	1	66	7.5	4	-	290	1.7	0.17
	26/11/20	0.05	1	35	7.3	8	-	310	1.2	0.17
	07/05/21	0.05	7	5	7.6	3	590	-	0.6	0.09
	04/06/21	0.05	1	60	7.4	1	480	-	1.9	0.11

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		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
750m upstream of release	17/07/20	0.05	-	20	7.5	3	450	-	1.1	0.09
	20/08/20	0.05	-	180	7.5	8	420	-	1.8	0.14
	10/09/20	0.05	-	0	7.5	4	440	-	0.9	0.025
	01/10/20	0.05	-	45	7.4	1	480	-	1	0.1
	22/10/20	-	1	-	7.4	3	-	200	1.2	0.11
	29/10/20	0.05	1	14	7.2	4	-	240	1.1	0.1
	05/11/20	0.05	-	22	7.5	4	450	240	1	0.09
	12/11/20	0.05	3	1100	7.5	6	-	250	1.4	0.14
	19/11/20	0.05	1	56	7.4	10	-	280	0.4	0.12
	26/11/20	0.05	1	85	7.4	6	-	320	1.4	0.14
	03/12/20	0.1	2	68	7.4	9	480	240	1.1	0.12
	10/12/20	0.05	1	200	8.4	12	-	260	0.9	0.13
	11/02/21	0.05	-	120	7.6	8	500	-	0.8	0.09
	11/03/21	0.05	-	15	8	12	580	-	0.7	0.07
	15/04/21	0.05	-	50	7.8	6	440	-	0.6	0.06
	07/05/21	0.05	-	85	7.9	4	630	-	0.7	0.1
	04/06/21	0.05	-	72	7.5	1	440	-	0.6	0.05

Site	Sample Date	Ammonia - Nitrogen	Biological Oxygen Demand (BOD)	Escherichia Coli (E. coli)	pH	Suspended Solids	Electrical Conductivity	Total Dissolved Solids (TDS)	Total Nitrogen	Total Phosphorus
		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
850m downstream of release	02/07/20	0.1	1	68	7.4	4	-	300	1.1	0.09
	09/07/20	0.05	1	47	7.4	1	-	290	1.1	0.08
	17/07/20	0.05	-	41	7.6	7	470	-	1.1	0.1
	20/08/20	0.05	-	120	7.4	4	420	-	1.6	0.12
	10/09/20	0.05	-	33	7.5	2	450	-	1.4	0.09
	01/10/20	0.05	-	63	7.5	1	480	-	1.1	0.09
	22/10/20	0.2	3	100	7.4	1	-	230	2	1.1
	29/10/20	0.05	1	73	7.4	2	-	260	1.7	0.65
	05/11/20	0.05	1	200	7.4	1	480	260	1.2	0.27
	12/11/20	0.05	4	730	7.6	6	-	280	1.6	0.64
	19/11/20	0.05	1	260	7.4	6	-	270	1.1	0.55
	26/11/20	0.4	1	81	7.3	4	-	280	1.1	0.33
	03/12/20	0.2	3	290	7.3	9	520	270	1.2	0.33
	10/12/20	0.05	1	40	8.4	8	-	270	1.1	0.32
	17/12/20	0.05	2	62	7.7	10	-	300	1.1	0.29
	08/01/21	0.05	-	120	7.2	19	660	-	1.4	0.26
	11/02/21	0.05	-	190	7.3	10	440	-	0.9	0.26
	11/03/21	0.05	-	1000	7.2	62	680	-	1.9	0.55
	15/04/21	0.05	-	390	7	25	550	-	1.5	0.57
	07/05/21	0.05	-	180	7.4	14	570	-	1	0.28
	04/06/21	0.05	-	58	7.3	2	480	-	1.4	0.09

Site	Sample Date	Ammonia - Nitrogen	Biological Oxygen Demand (BOD)	Escherichia Coli (E. coli)	pH	Suspended Solids	Electrical Conductivity	Total Dissolved Solids (TDS)	Total Nitrogen	Total Phosphorus
		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
2.5km downstream of release	17/07/20	0.05	-	12	7.6	5	480	-	1.1	0.12
	20/08/20	0.05	-	170	7.5	8	440	-	1.8	0.15
	10/09/20	0.05	-	52	7.6	1	460	-	1.2	0.1
	02/10/20	0.05	-	23	7.7	3	480	-	1	0.1
	22/10/20	-	3	-	7.5	3	-	230	1.9	0.98
	29/10/20	0.05	1	56	7.5	1	-	260	1.5	0.63
	05/11/20	0.05	1	86	7.6	9	500	280	1.2	0.68
	12/11/20	0.05	3	140	7.7	5	-	290	1.6	0.63
	19/11/20	0.05	1	100	7.5	6	-	300	1.1	0.7
	26/11/20	0.05	1	230	7.3	4	-	320	1.2	0.35
	03/12/20	0.1	2	28	7.4	4	550	270	1.3	0.29
	10/12/20	0.05	2	79	8.4	8	-	280	0.9	0.37
	17/12/20	0.05	7	48	7.8	110	-	310	3.2	0.57
	11/02/21	0.05	-	43	7.5	2	420	-	0.6	0.15
	07/05/21	0.05	-	52	7.6	5	590	-	1.1	0.34
	04/06/21	0.05	-	7	7.5	1	480	-	0.9	0.06

Site	Sample Date	Ammonia - Nitrogen	Biological Oxygen Demand (BOD)	Escherichia Coli (E. coli)	pH	Suspended Solids	Electrical Conductivity	Total Dissolved Solids (TDS)	Total Nitrogen	Total Phosphorus
		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
3km downstream of release	02/07/20	0.05	1	11	7.6	1	-	300	1.2	0.12
	09/07/20	0.05	1	11	7.5	1	-	290	1.2	0.08
	17/07/20	0.05	-	19	7.7	9	480	-	1.2	0.1
	20/08/20	0.05	-	260	7.5	15	440	-	1.7	0.16
	10/09/20	0.05	-	91	7.6	1	460	-	1.1	0.1
	01/10/20	0.05	-	25	7.8	3	480	-	1	0.1
	22/10/20	0.1	1	59	7.5	1	-	240	2	0.94
	29/10/20	0.05	1	59	7.4	2	-	260	1.5	0.65
	05/11/20	0.05	1	68	7.6	7	510	260	1.5	0.85
	12/11/20	0.05	3	150	7.6	6	-	270	1.4	0.46
	19/11/20	0.05	1	72	7.5	4	-	280	0.9	0.62
	26/11/20	0.7	1	190	7.3	2	-	300	1.1	0.32
	10/12/20	0.05	1	180	8.5	6	-	270	0.7	0.32
	08/01/21	0.05	-	22	7.2	12	690	-	1.4	0.26
	11/02/21	0.05	-	190	7.5	5	420	-	0.7	0.15
	15/04/21	0.05	-	34	7.3	10	560	-	0.9	0.18
	07/05/21	0.05	-	86	7.6	10	610	-	1	0.34
	04/06/21	0.05	-	9	7.5	18	480	-	0.8	0.06

Site	Sample Date	Ammonia - Nitrogen	Biological Oxygen Demand (BOD)	Escherichia Coli (E. coli)	pH	Suspended Solids	Electrical Conductivity	Total Dissolved Solids (TDS)	Total Nitrogen	Total Phosphorus
		mg N / L	mg/L	orgs/100mL	Units	mg/L	uS/cm	mg/L	mg/L	mg P / L
11.5km downstream of release	02/07/20	0.1	1	64	7.8	1	-	300	0.9	0.13
	09/07/20	0.05	1	59	7.8	1	-	320	0.9	0.06
	17/07/20	0.05	-	53	7.8	9	520	-	1.1	0.12
	20/08/20	0.05	-	270	7.6	24	420	-	1.8	0.18
	10/09/20	0.05	-	410	7.8	1	460	-	1.1	0.1
	01/10/20	0.05	-	110	7.9	1	510	-	1	0.09
	22/10/20	0.05	1	140	7.7	5	-	210	1.6	0.34
	29/10/20	0.05	1	190	7.7	4	-	260	1.3	0.42
	05/11/20	0.05	1	180	7.8	3	490	280	1.1	0.41
	12/11/20	0.05	2	390	7.8	1	-	250	1	0.27
	19/11/20	0.05	1	180	7.9	1	-	290	1.2	0.26
	26/11/20	0.05	1	100	7.6	1	-	300	1.2	0.23
	03/12/20	0.3	3	63	7.7	4	550	310	1.1	0.23
	10/12/20	0.05	1	29	8.5	1	-	280	0.8	0.2
	17/12/20	0.6	1	40	8.1	6	-	350	1.1	0.18
	11/02/21	0.05	-	180	7.9	1	740	-	0.8	0.15
	15/04/21	0.05	-	45	7.6	25	770	-	1.1	0.31
	07/05/21	0.05	-	31	7.9	23	750	-	1.4	0.2
	04/06/21	0.05	-	30	7.9	1	600	-	0.4	0.05

Campaspe River Health Data

Kyneton WRP Release Monthly Median

Month	Ammonia - Nitrogen (mg/L)	Biological Oxygen Demand (BOD) (mg/L)	Escherichia Coli (E. coli) (orgs/100mL)	pH	Suspended Solids (mg/L)	Total Dissolved Solids (TDS) (mg/L)	Total Nitrogen (mg/L)	Total Phosphorus (mg/L)	
Jul-20	0.30	3.00	5.00	7.70	3.00	380.00	7.20	0.33	Tertiary Treated Water Release
Aug-20	0.05	3.00	4.00	7.90	5.00	360.00	7.00	0.27	Tertiary Treated Water Release
Sep-20	0.05	2.00	5.50	7.95	3.50	370.00	6.55	0.25	Tertiary Treated Water Release
Oct-20	1.50	4.50	10.50	7.80	9.50	440.00	8.25	6.12	Tertiary Treated Class B Water Release
Nov-20	0.40	4.00	28.00	8.00	7.00	380.00	5.30	0.39	Tertiary Treated Class B Water Release
Dec-20	-	-	-	-	-	-	-	-	No Release
Jan-21	-	-	-	-	-	-	-	-	No Release
Feb-21	-	-	-	-	-	-	-	-	No Release
Mar-21	-	-	-	-	-	-	-	-	No Release
Apr-21	-	-	-	-	-	-	-	-	Tertiary Treated Water Release
May-21	0.05	2.00	1.00	7.80	4.00	390.00	8.00	0.42	Tertiary Treated Water Release
Jun-21	0.05	3.00	0.00	7.70	2.00	340.00	4.70	0.21	Tertiary Treated Water Release
EPA Licence Limit	2	5	200	6-9	10	1000	10	0.5	