

2021 EPA Pollution Monitoring Data

CONDOBOLIN WATER FILTRATION PLANT – EPA LICENCE NO. 430

PREMISES: 35 GOOBANG STREET (WEIR STREET), CONDOBOLIN NSW 2877

LICENSEE: LACHLAN SHIRE COUNCIL | PO Box 216, Condobolin NSW 2877



2021 EPA POLLUTION MONITORING DATA

To view the full licence on the NSW EPA website, click here: [EPA Licence 430](#)

MONITORING POINT 1

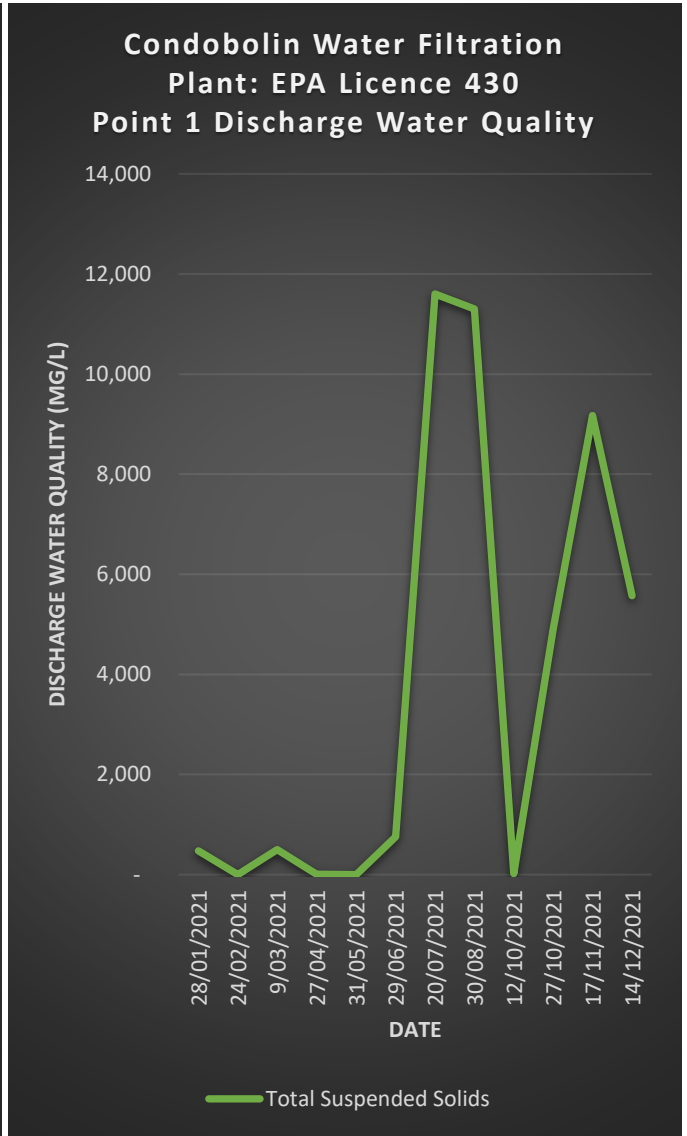
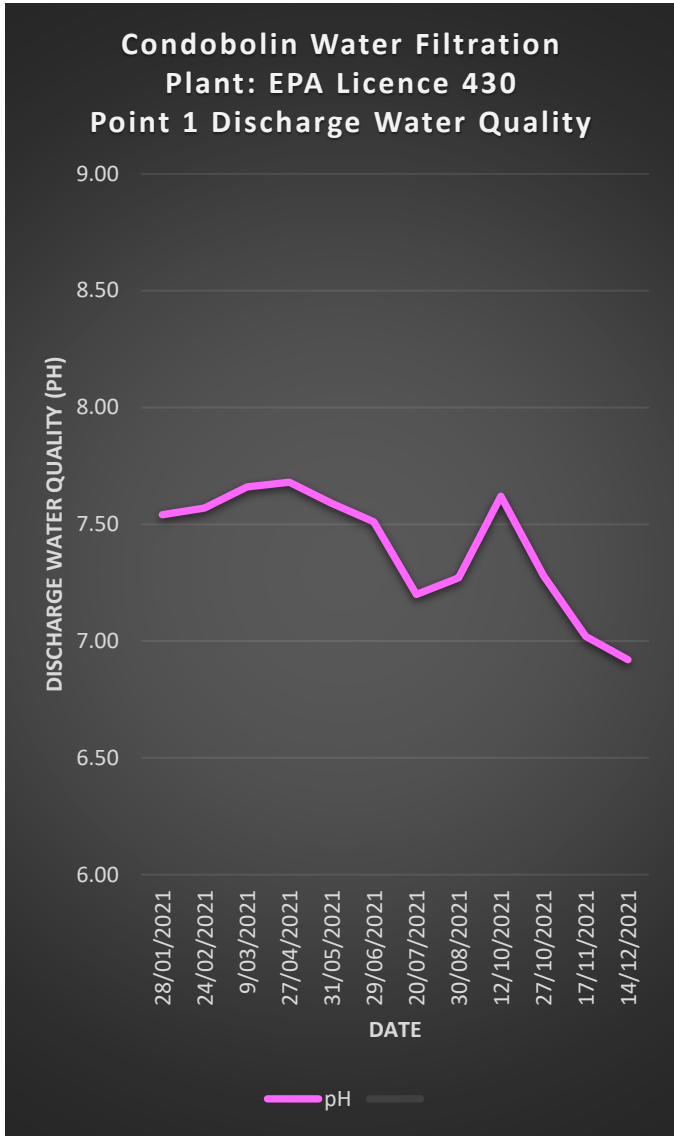
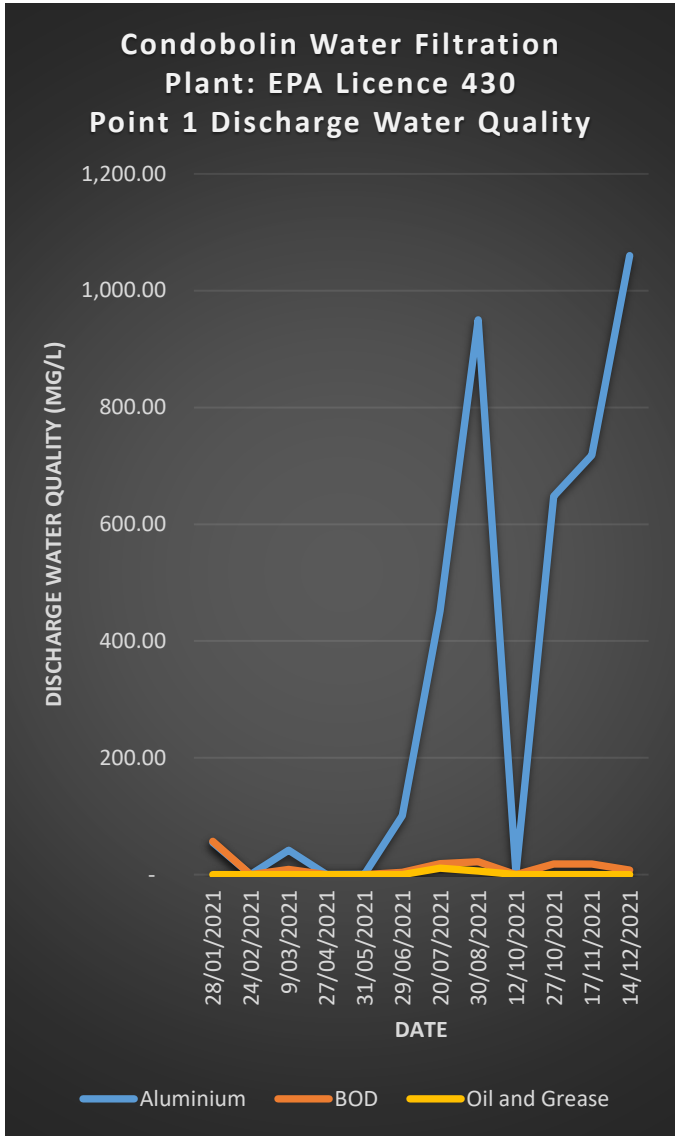
Type of Monitoring: Discharge Water Quality

Location: Condobolin Water Filtration Plant – Discharge from Clarifiers No. 1 or 2 into the Backwash Line

Monitoring frequency as required by licence: Monthly during discharge

POINT 1 Water Quality	Date Sampled		28/01/2021	24/02/2021	09/03/2021	27/04/2021	31/05/2021	29/06/2021	20/07/2021	30/08/2021	12/10/2021	27/10/2021	17/11/2021	14/12/2021
	Date Obtained		04/02/2021	10/03/2021	17/03/2021	10/05/2021	09/06/2021	08/07/2021	02/08/2021	08/09/2021	20/10/2021	04/11/2021	06/12/2021	22/12/2021
	Date Published		09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL [#]	AUG	SEP	OCT	NOV	DEC
Aluminium	mg/L	-	54.70	0.34	41.60	0.26	0.75	101.00	452.00	950.00	2.19	648.00	718.00	1060.00
BOD	mg/L	-	57	<2	9	<2	<2	4	19	22	<2	18	18	8
Oil and Grease	mg/L	-	<2	<2	<2	<2	<2	<2	11	6	<5	<2	<2	<2
pH	pH	-	7.54	7.57	7.66	7.68	7.59	7.51	7.20	7.27	7.62	7.28	7.02	6.92
Total Suspended Solids	mg/L	-	472	<1	502	6	<5	757	11,600	11,300	20	4,900	9,170	5,570

2021 EPA POLLUTION MONITORING DATA



2021 EPA POLLUTION MONITORING DATA

MONITORING POINT 3

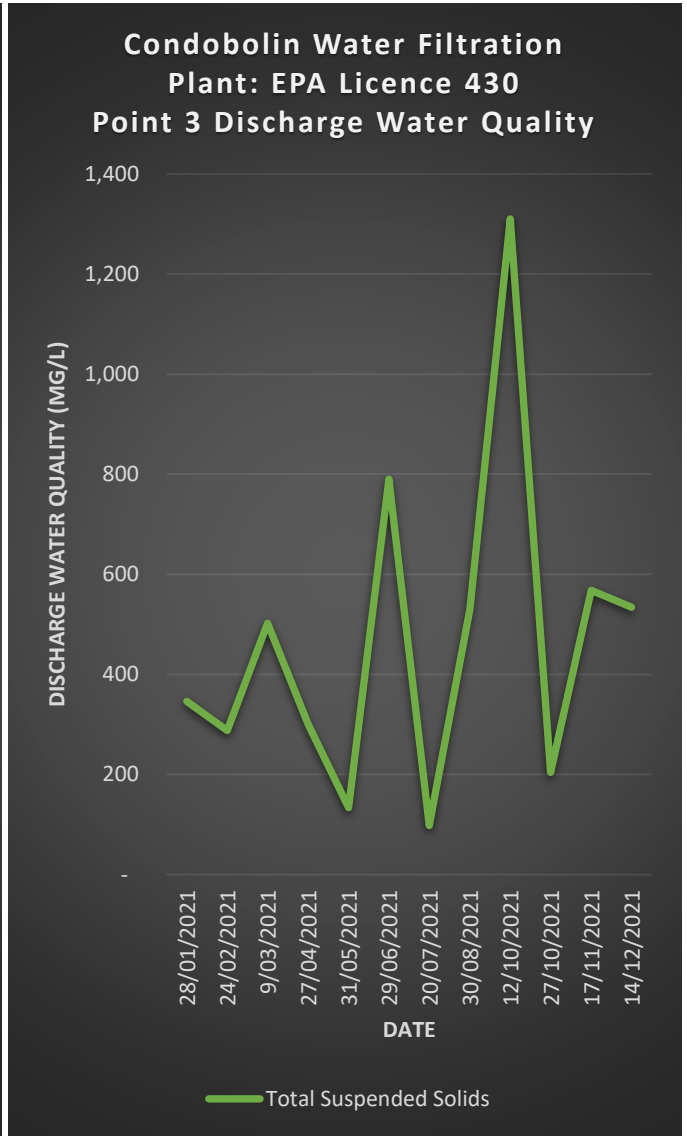
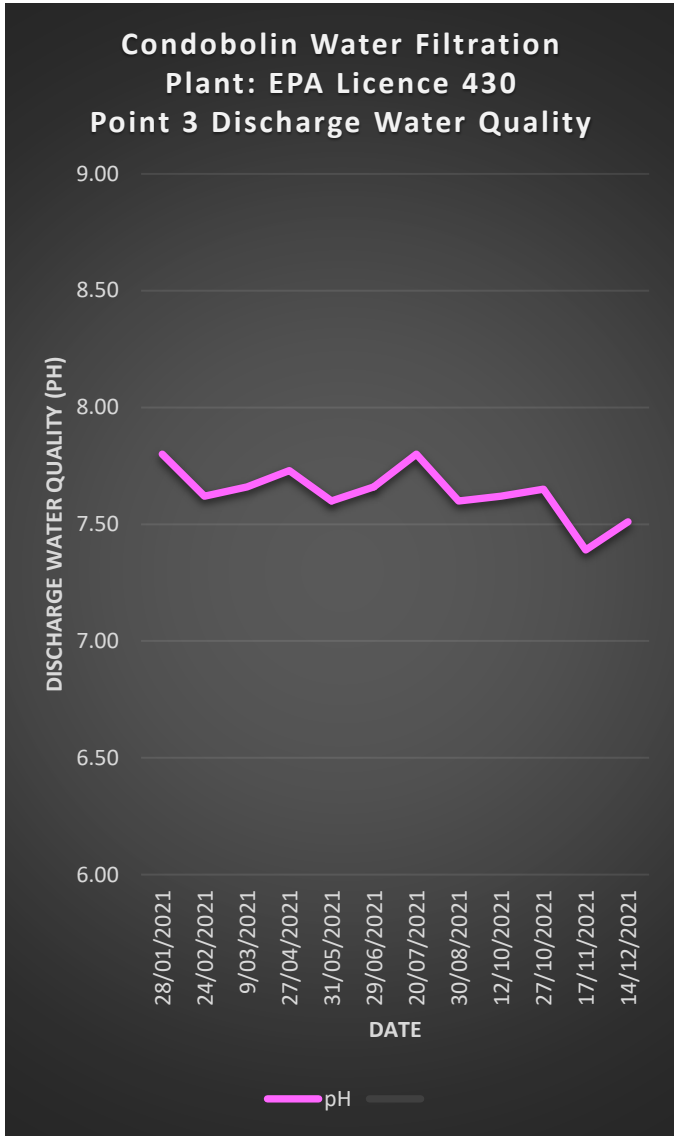
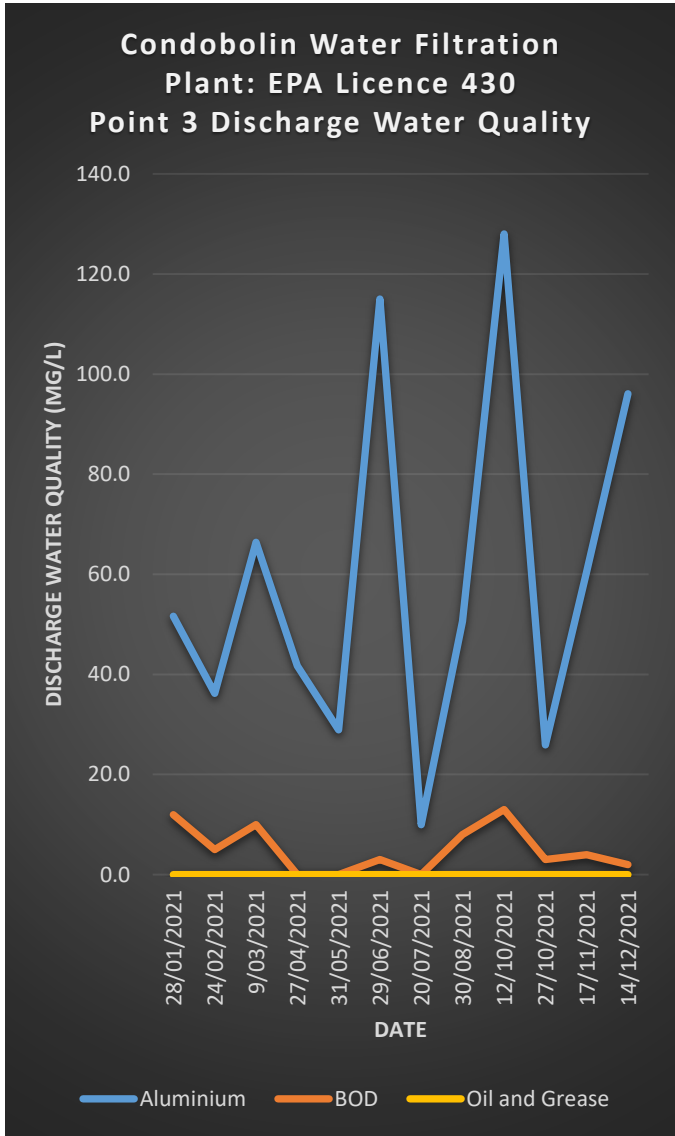
Type of Monitoring: Discharge Water Quality

Location: Condobolin Water Filtration Plant – Discharge from Filter Beds into the Backwash Line

Monitoring frequency as required by licence: Monthly during discharge

POINT 3 Water Quality	Date Sampled		28/01/2021	24/02/2021	09/03/2021	27/04/2021	31/05/2021	29/06/2021	20/07/2021	30/08/2021	12/10/2021	27/10/2021	17/11/2021	14/12/2021
	Date Obtained		04/02/2021	10/03/2021	17/03/2021	10/05/2021	09/06/2021	08/07/2021	02/08/2021	08/09/2021	20/10/2021	04/11/2021	06/12/2021	22/12/2021
	Date Published		09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Aluminium	mg/L	-	51.6	36.2	66.4	41.7	28.9	115.0	10.0	50.6	128.0	25.9	60.6	96.1
BOD	mg/L	-	12	5	10	<2	<2	3	<2	8	13	3	4	2
Oil and Grease	mg/L	-	<2	<2	<2	<2	<2	<2	<2	<5	<5	<2	<2	<2
pH	pH	-	7.80	7.62	7.66	7.73	7.60	7.66	7.80	7.60	7.62	7.65	7.39	7.51
Total Suspended Solids	mg/L	-	346	288	502	300	134	790	98	530	1,310	204	568	534

2021 EPA POLLUTION MONITORING DATA



MONITORING POINTS 4, 5, 6

Type of Monitoring: Discharge Volume

2021 EPA POLLUTION MONITORING DATA

Point 4 Location: Condobolin Water Filtration Plant – Volume from Clarifier No. 1

Point 5 Location: Condobolin Water Filtration Plant – Volume from Clarifier No. 2

Point 6 Location: Condobolin Water Filtration Plant – Backwash through Backwash Pump

Monitoring frequency as required by licence: Monthly during discharge

Unit of Measure: Kilotres per day averaged for each month

POINT 4, 5, 6 Volume	Date Published		09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
	Monitoring Point	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
Point 4 and 5 Clarifier Drawdown Discharge	kL/day	-	2316.2	1334.0	592.1	186.9	152.5	241.6	22.0	14.0	31.3	50.5	77.3	63.9
Point 6 Backwash Discharge	kL/day	-	168.0	189.5	93.2	68.8	81.6	149.9	66.2	59.6	50.3	90.9	97.8	253.7

2021 EPA POLLUTION MONITORING DATA

Condobolin Water Filtration Plant: EPA Licence 430 Points 4, 5 & 6 Discharge Volume

