

2020 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



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

MONITORING POINT 1

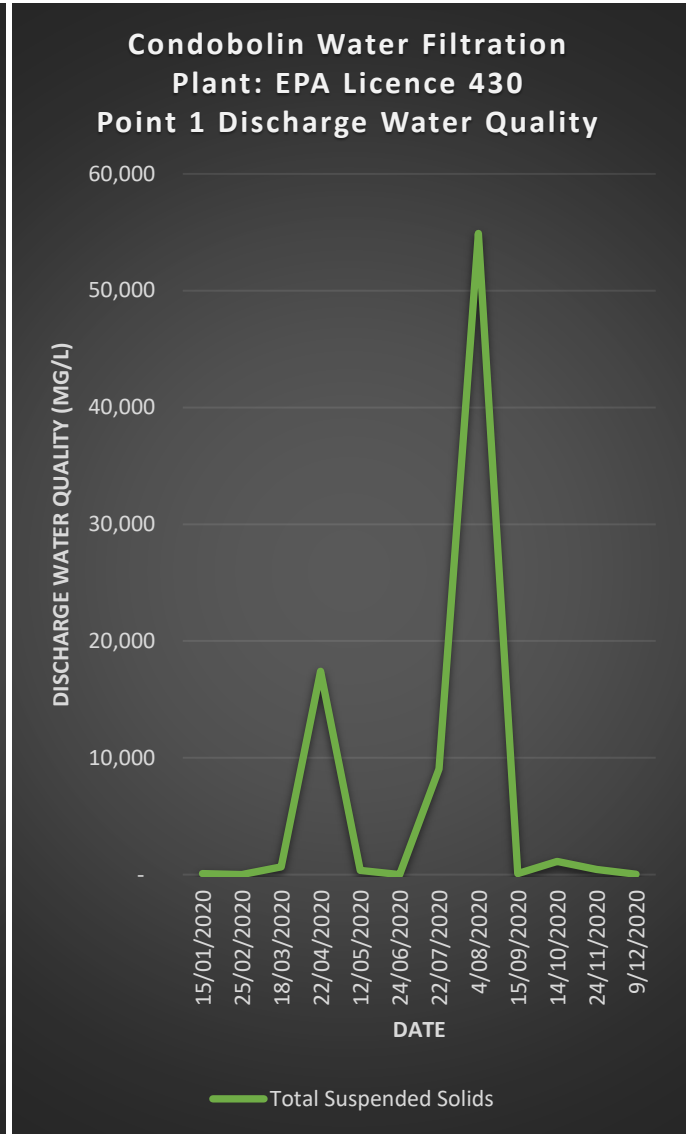
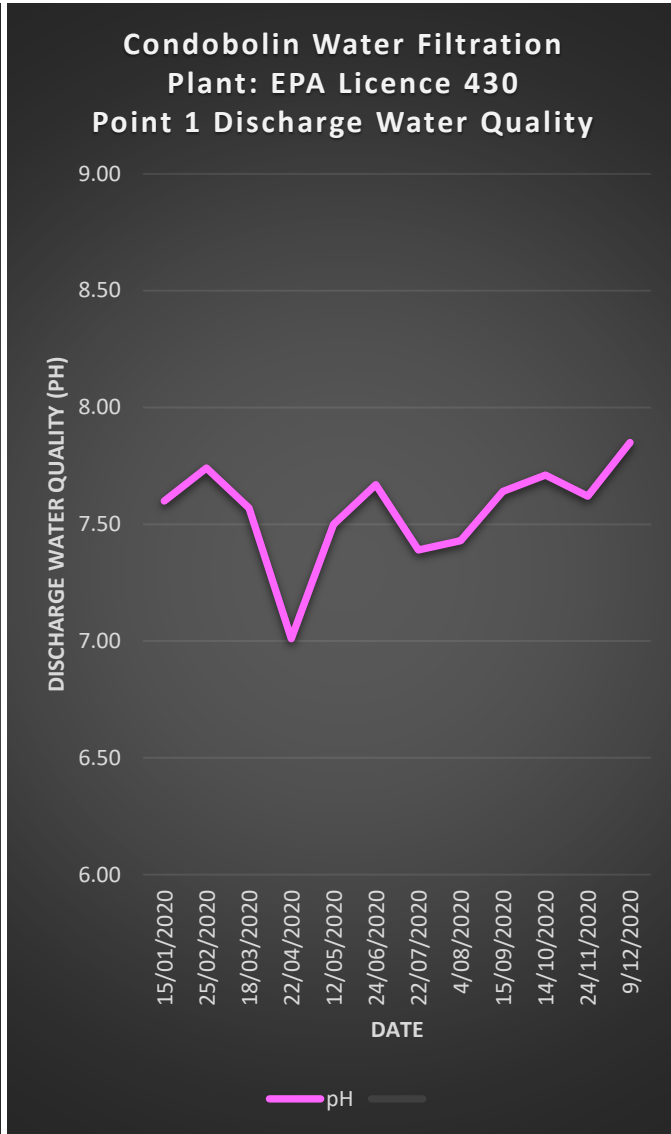
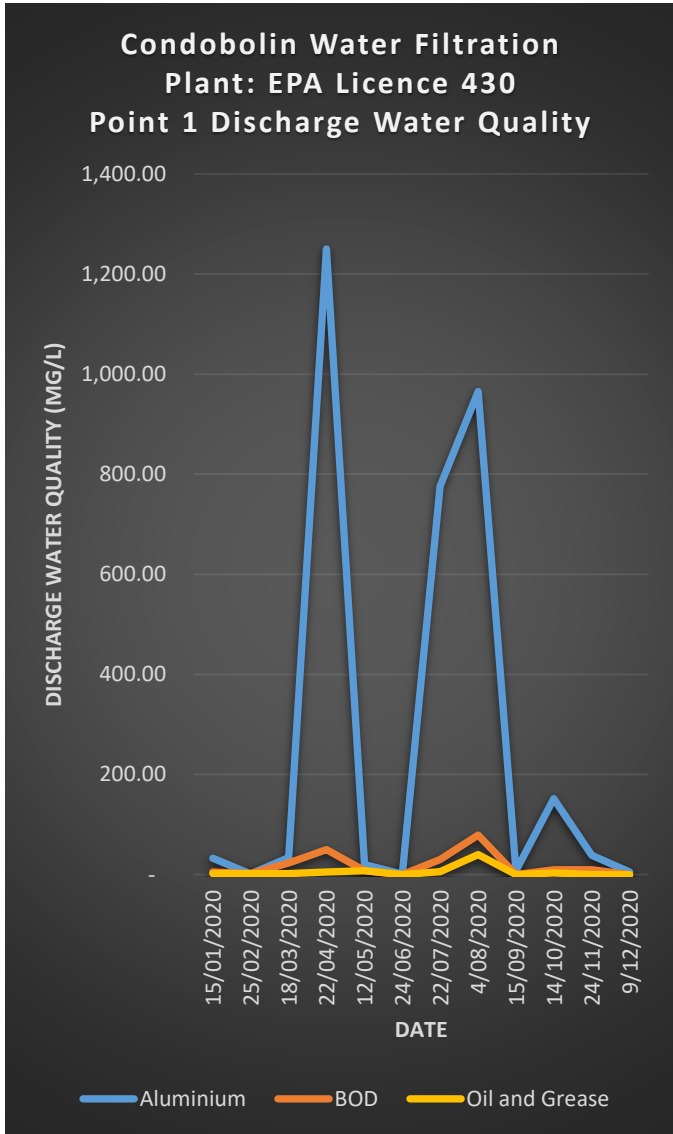
Type of Monitoring: Discharge Water Quality

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		15/01/2020	25/02/2020	18/03/2020	22/04/2020	12/05/2020	24/06/2020	22/07/2020	04/08/2020	15/09/2020	14/10/2020	24/11/2020	09/12/2020
	Date Obtained		28/01/2020	04/03/2020	30/03/2020	30/04/2020	22/05/2020	01/07/2020	03/08/2020	20/08/2020	23/09/2020	22/10/2020	07/12/2020	17/12/2020
	Date Published		04/03/2020	05/03/2020	03/04/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	03/12/2021	03/12/2021
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL [#]	AUG	SEP	OCT	NOV	DEC
Aluminium	mg/L	-	32.60	1.49	33.80	1,250.0	19.90	1.01	776.00	965.00	7.92	152.00	38.80	5.54
BOD	mg/L	-	5	<2	23	50	8	<2	30	79	<2	10	10	<2
Oil and Grease	mg/L	-	<2	<2	<2	5	8	<2	6	40	<2	3	<2	<2
pH	pH	-	7.60	7.74	7.57	7.01	7.50	7.67	7.39	7.43	7.64	7.71	7.62	7.85
Total Suspended Solids	mg/L	-	78	15	656	17,400	352	4	9,060	54,900	90	1,120	440	43

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MONITORING POINT 3

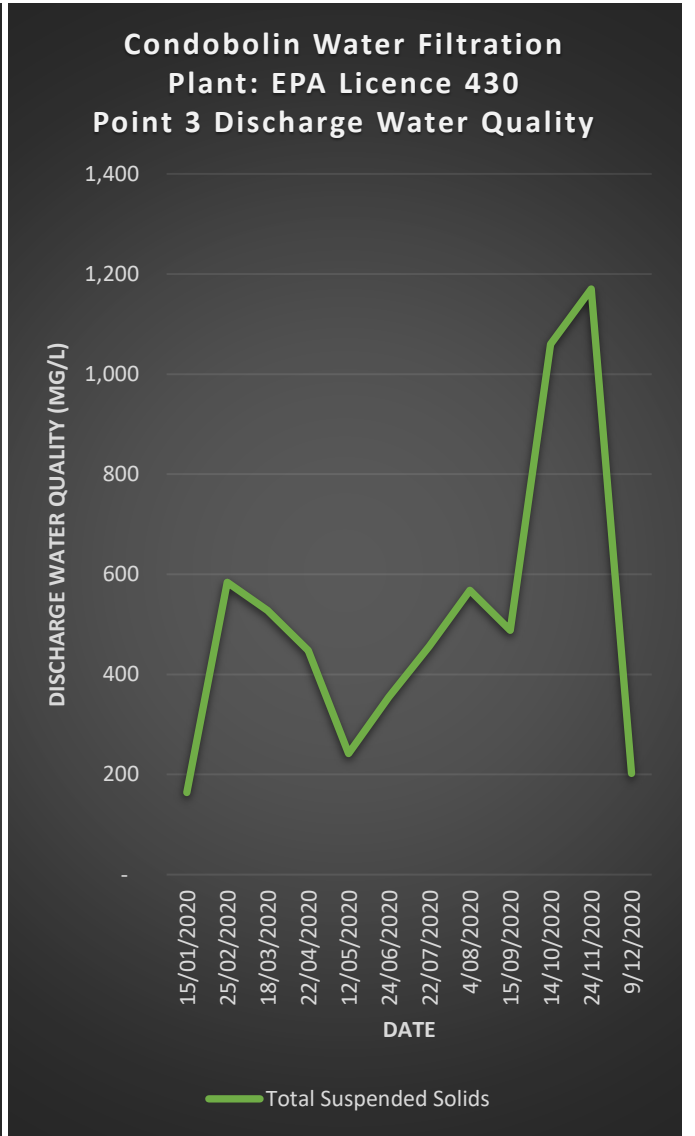
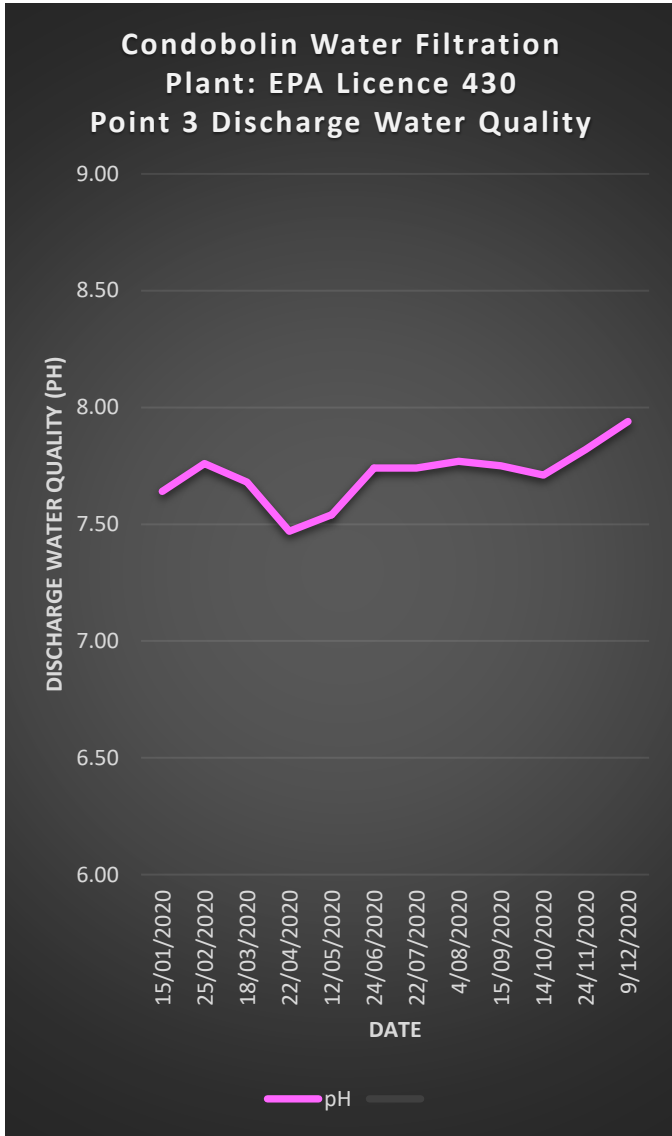
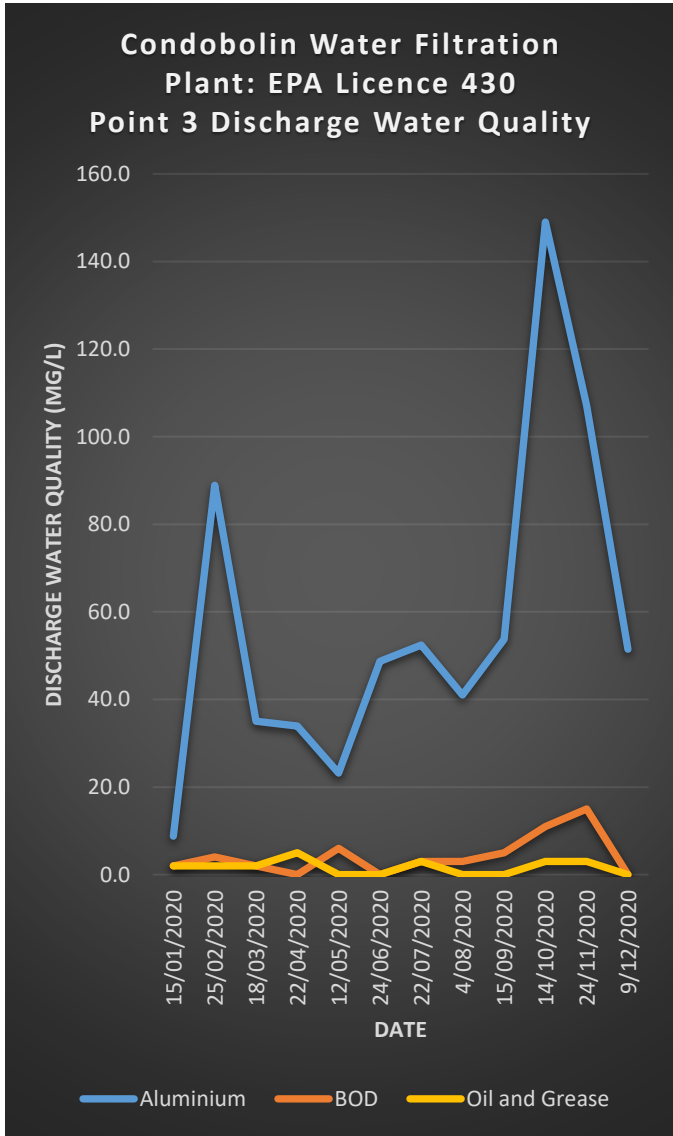
Type of Monitoring: Discharge Water Quality

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		15/01/2020	25/02/2020	18/03/2020	22/04/2020	12/05/2020	24/06/2020	22/07/2020	04/08/2020	15/09/2020	14/10/2020	24/11/2020	09/12/2020
	Date Obtained		28/01/2020	04/03/2020	30/03/2020	30/04/2020	22/05/2020	01/07/2020	03/08/2020	20/08/2020	23/09/2020	22/10/2020	07/12/2020	17/12/2020
	Date Published		04/03/2020	05/03/2020	03/04/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	03/12/2021	03/12/2021
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Aluminium	mg/L	-	8.78	88.9	35.0	33.90	23.20	48.70	52.40	41.00	53.70	149.00	107.00	51.5
BOD	mg/L	-	2	4	<2	<2	6	<2	3	3	5	11	15	<2
Oil and Grease	mg/L	-	<2	<2	<2	5	<2	<2	3	<2	<2	3	3	<2
pH	pH	-	7.64	7.76	7.68	7.47	7.54	7.74	7.74	7.77	7.75	7.71	7.82	7.94
Total Suspended Solids	mg/L	-	164	584	528	448	242	355	456	568	488	1,060	1,170	202

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MONITORING POINTS 4, 5, 6

Type of Monitoring: Discharge Volume

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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		04/03/2020	04/03/2020	03/04/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	03/12/2021	03/12/2021
	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	-	1869.0	1418.3	243.2	137.2	48.0	72.1	91.8	76.4	258.1	400.9	1245.2	2695.1
Point 6 Backwash Discharge	kL/day	-	219.9	181.0	139.5	127.3	88.9	95.5	85.6	96.7	89.5	121.5	182.3	160.7

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

