

2019 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

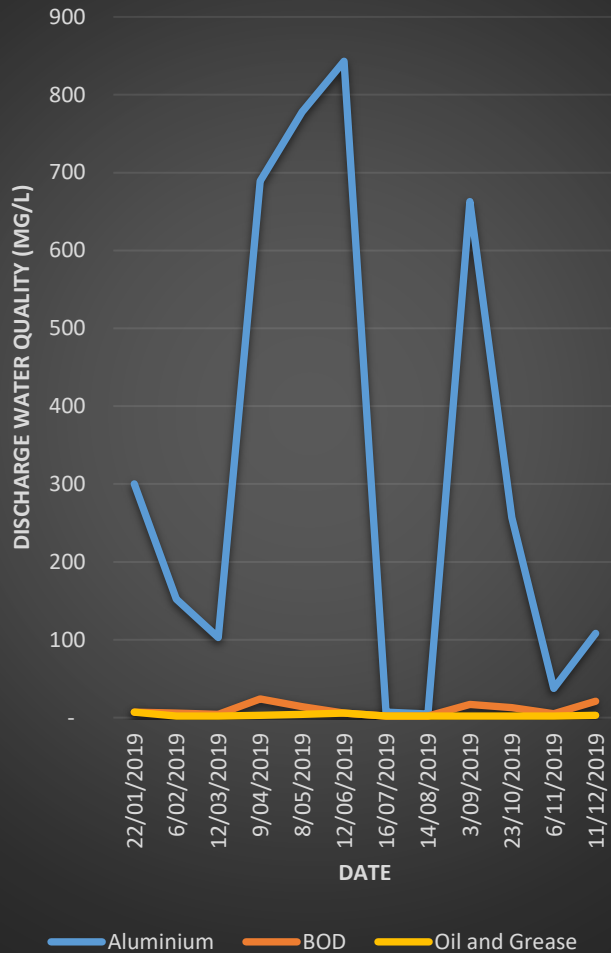
POINT 1 Water Quality	Date Sampled		22/01/2019	06/02/2019	12/03/2019	09/04/2019	08/05/2019	12/06/2019	16/07/2019	14/08/2019	03/09/2019	23/10/2019	06/11/2019	11/12/2019
	Date Obtained		31/01/2019	14/02/2019	20/03/2019	18/04/2019	17/05/2019	24/06/2019	24/07/2019	22/08/2019	16/09/2019	31/10/2019	14/11/2019	20/12/2019
	Date Published		27/02/2019	27/02/2019	22/03/2019	09/05/2019	20/05/2019	26/06/2019	09/08/2019	02/09/2019	07/11/2019	07/11/2019	18/11/2019	04/03/2020
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL [#]	AUG	SEP	OCT	NOV	DEC
Aluminium	mg/L	-	300	152	103	689	778	843	7.33	4.62	663	257	37.3	108
BOD	mg/L	-	7	6	4	24	14	6	<2	<2	17	13	5	21
Oil and Grease	mg/L	-	7	<2	<2	3	4	<6*	<2	<2	<2	2	<2	3
pH	pH	-	7.26	7.42	7.51	7.27	7.33	7.12	7.58	7.75	7.14	7.30	7.62	7.58
Total Suspended Solids	mg/L	-	3,500	1,250	860	6,730	5,730	5,440	47	37	5,780	2,250	336	865

*Note: Oil and Grease LOR has been raised due to insufficient sample volume provided for standard analysis. 1L is required for standard analysis. Smaller bottles were received in error.

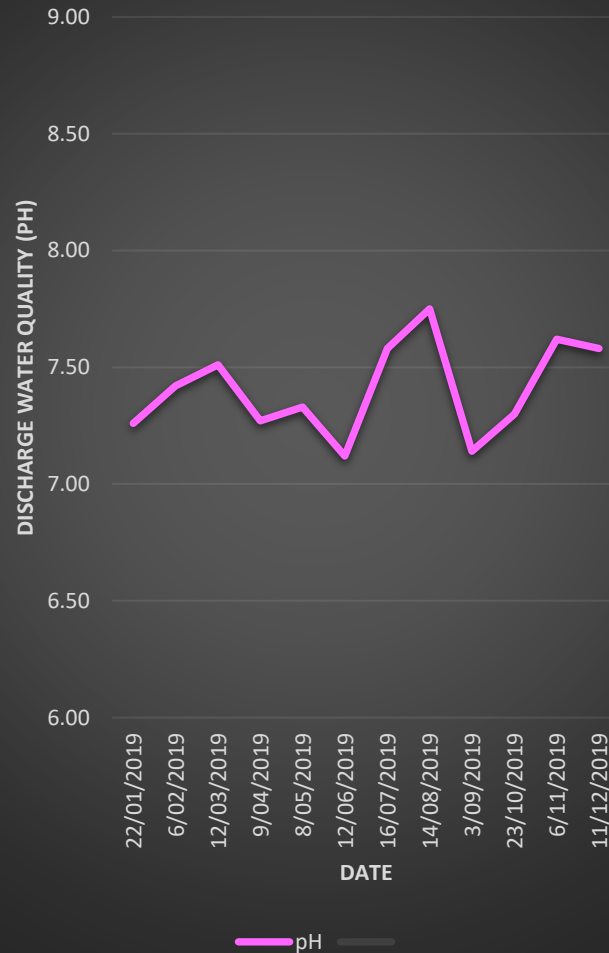
#Backwash process cleared quickly and unexpectedly, operators took sample at end of process hence irregular results.

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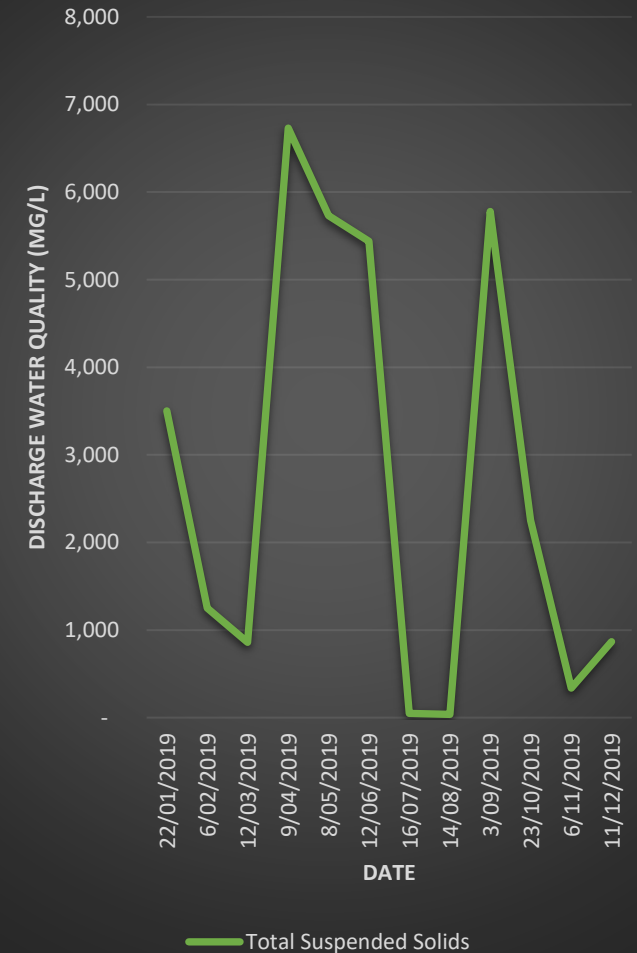
Condobolin Water Filtration
Plant: EPA Licence 430
Point 1 Discharge Water Quality



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Condobolin Water Filtration
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Point 1 Discharge Water Quality



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MONITORING POINT 3

Type of Monitoring: Discharge Water Quality

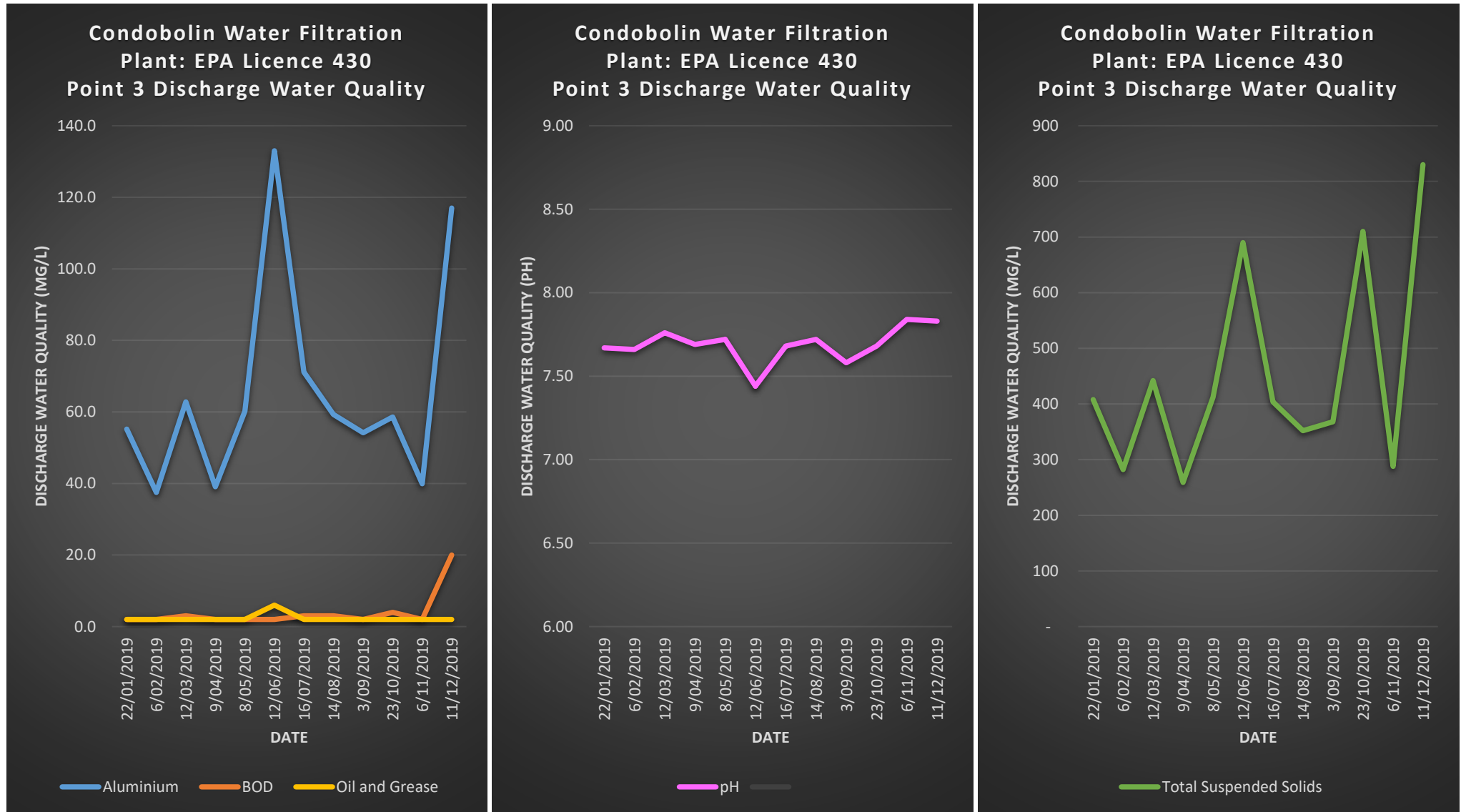
Location: Condobolin Water Filtration Plant – Discharge from Filter Beds into the Backwash Line

Monitoring frequency as required by licence: Monthly during discharge

POINT 3 Water Quality	Date Sampled		22/01/2019	06/02/2019	12/03/2019	09/04/2019	08/05/2019	12/06/2019	16/07/2019	14/08/2019	03/09/2019	23/10/2019	06/11/2019	11/12/2019
	Date Obtained		31/01/2019	14/02/2019	20/03/2019	18/04/2019	17/05/2019	24/06/2019	24/07/2019	22/08/2019	16/09/2019	31/10/2019	14/11/2019	20/12/2019
	Date Published		27/02/2019	27/02/2019	22/03/2019	09/05/2018	20/05/2019	26/06/2019	09/08/2019	02/09/2019	07/11/2019	07/11/2019	18/11/2019	04/03/2020
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Aluminium	mg/L	-	55.2	37.5	62.8	39.1	60.2	133	71.1	59.3	54.2	58.6	39.9	117.0
BOD	mg/L	-	<2	<2	3	<2	<2	<2	3	3	<2	4	2	20
Oil and Grease	mg/L	-	<2	<2	2	2	<2	<6*	<2	<2	2	<2	<2	<2
pH	pH	-	7.67	7.66	7.76	7.69	7.72	7.44	7.68	7.72	7.58	7.68	7.84	7.83
Total Suspended Solids	mg/L	-	408	282	442	259	412	690	404	352	368	710	288	830

*Note: *Note: Oil and Grease LOR has been raised due to insufficient sample volume provided for standard analysis. 1L is required for standard analysis. Smaller bottles were received in error.

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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		27/02/2019	22/03/2019	09/05/2019	09/05/2019	17/06/2019	09/08/2019	09/08/2019	02/09/2019	07/11/2019	07/11/2019	02/12/2019	04/03/2020
Monitoring Point	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Point 4 and 5 Clarifier Drawdown Discharge	kL/day	-	174.5	233.1	292.2	257.4	140.9	145.0	131.9	149.2	200.4	108.2	381.6	996.2
Point 6 Backwash Discharge	kL/day	-	158.6	195.3	214.5	94.3	90.4	98.3	104.4	96.1	99.4	107.8	145.2	209.5

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

