

2025 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



2025 EPA POLLUTION MONITORING DATA

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MONITORING POINT 1

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

POINT 1 Discharge Water Quality (Monthly during discharge)	Date Sampled		15/10/2024	27/11/2024	3/12/2024	15/01/2025	17/02/2025	24/03/2025	15/04/2025	13/05/2025	17/06/2025	15/07/2025	19/08/2025	
	Date Obtained		28/10/2024	16/12/2024	11/12/2024	29/01/2025	03/03/2025	07/04/2025	21/05/2025	22/05/2025	24/06/2025	24/07/2025	27/08/2025	
	Date Published		21/11/2024	17/12/2024	24/01/2025	12/02/2025	31/03/2025	08/04/2025	28/05/2025	30/06/2025	17/07/2025	27/08/2025	11/09/2025	
Pollutant	Unit of Measure	Limit	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Aluminium	mg/L	-	21.3	45	120	7.99	369	121	488	9.65	5.19	12.9	64.1	
BOD	mg/L	-	<2	3	5	<2	8	5	5	<2	3	4	2	
Total Oil and Grease	mg/L	-	<2	<2	6	<2	<48	<2	<2	12	<2	6	10	
pH	pH	-	7.96	7.58	7.51	7.19	7.34	7.37	7.38	7.65	7.69	7.85	7.66	
Total Suspended Solids	mg/L	-	181	452	1330	89	5330	1140	3880	88	45	98	457	

MONITORING POINT 3

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

POINT 3 Discharge Water Quality (Monthly during discharge)	Date Sampled		15/10/2024	27/11/2024	3/12/2024	15/01/2025	17/02/2025	24/03/2025	15/04/2025	13/05/2025	17/06/2025	15/07/2025	19/08/2025	
	Date Obtained		28/10/2024	16/12/2024	11/12/2024	29/01/2025	03/03/2025	07/04/2025	21/05/2025	22/05/2025	24/06/2025	24/07/2025	27/08/2025	
	Date Published		21/11/2024	17/12/2024	24/01/2025	12/02/2025	31/03/2025	08/04/2025	28/05/2025	30/06/2025	17/07/2025	27/08/2025	11/09/2025	
Pollutant	Unit of Measure	Limit	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
Aluminium	mg/L	-	62.8	64	9.18	75.7	15.1	94.8	56.9	77	37.2	32.4	73.8	
BOD	mg/L	-	3	4	3	3	<2	4	<2	<2	3	3	3	
Oil and grease	mg/L	-	<2	<2	13	<2	<2	<2	<2	3	<2	<2	<2	
pH	pH	-	7.95	7.84	7.86	7.66	7.63	7.64	7.60	7.61	7.63	7.89	7.79	
Total Suspended Solids	mg/L	-	475	476	128	766	178	794	485	575	238	222	510	

2025 EPA POLLUTION MONITORING DATA

MONITORING POINT 8

Location: Condobolin Water Filtration Plant – Goobang Creek Discharge – Upstream of Weir

POINT 8 Environmental Water Quality (Quarterly)	Date Sampled		2/12/2024	24/03/2025	15/07/2025	
	Date Obtained		9/12/2024	07/04/2025	24/07/2025	
	Date Published		17/12/2024	08/04/2025	27/08/2025	
Pollutant	Unit of Measure	Limit	Nov	Mar	Jul	Nov
Aluminium	mg/L	-	2.32	121	0.66	
BOD	mg/L	-	3	5	4	
Electrical Conductivity	µg/L	-	417	330	718	
Oil and Grease	mg/L	-	<2	<2	<2	
pH	pH	-	7.72	7.69	8.22	
Total Suspended Solids	mg/L	-	76	62	43	

MONITORING POINT 9

Location: Condobolin Water Filtration Plant – Goobang Creek Discharge – North Forbes Road Bridge

POINT 9 Environmental Water Quality (Quarterly)	Date Sampled		2/12/2024	24/03/2025	15/07/2025	
	Date Obtained		9/12/2024	07/04/2025	24/07/2025	
	Date Published		17/12/2024	08/04/2025	27/08/2025	
Pollutant	Unit of Measure	Limit	Nov	Mar	Jul	Nov
Aluminium	mg/L	-	2.44	2.43	1.29	
BOD	mg/L	-	2	4	3	
Electrical Conductivity	µg/L	-	417	335	718	
Oil and Grease	mg/L	-	<2	<2	3	
pH	pH	-	7.84	7.61	8.24	
Total Suspended Solids	mg/L	-	96	75	48	

MONITORING POINT 7

Location: Condobolin Water Filtration Plant – Final Discharge to Goobang Creek

POINT 4, 5, 6 Discharge Volume (Yearly)	Date Obtained		01/11/2024	01/12/2024	01/01/2025	01/02/2025	01/03/2025	01/04/2025	01/05/2025	01/06/2025	01/07/2025	01/08/2025	01/09/2025	
	Date Published		21/11/2024	12/12/2024	24/01/2025	12/02/2025	31/03/2025	08/04/2025	28/05/2025	30/06/2025	17/07/2025	27/08/2025	11/09/2025	
Unit of Measure	Limit	Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
ML per year	-	Total Monthly ML	8.704	9.642	8.744	8.201	9.948	9.378	10.988	9.074	8.493	6.552	7.701	
	90	Total Annual ML												

2025 EPA POLLUTION MONITORING DATA

MONITORING POINTS 4 & 5

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 4 & 5 Discharge Volume (Monthly during discharge)	Date Obtained		01/11/2024	01/12/2024	01/01/2025	01/02/2025	01/03/2025	01/04/2025	01/05/2025	01/06/2025	01/07/2025	01/08/2025	01/09/2025	
	Date Published		21/11/2024	17/12/2024	24/01/2025	12/02/2025	31/03/2025	08/04/2025	28/05/2025	30/06/2025	17/07/2025	27/08/2025	11/09/2025	
Unit of Measure	Limit	Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
kL per day	-	1	0	0	0	286	304	0	0	0	39.0	0	0	
		2	0	0	162	0	0	679	0	128	0	640	337	
		3	612	393	170	247	866	0	385	638	22	0	0	
		4	24	0	575	0	0	172	0	0	122	644	0	
		5	0	0	0	559	0	0	435	0	0	86.0	332	
		6	453	0	49	0	848	285	0	296	0	0	0	
		7	0	723	766	291	0	0	0	0	366	182	0	
		8	23	241	0	57	0	695	2797	99	0	26.0	600	
		9	524	25	356	86	473	0	0	687	0	0	0	
		10	0	0	230	0	0	675	378	0	200	42	38	
		11	77	0	138	0	0	0	24	342	0	0	0	
		12	31	178	0	0	0	27	230	0	0	262	0	
		13	55	0	0	127	0	403.0	0	0	0	0	694	
		14	346	213	101	0	1396	0	0	337	0	0	480	
		15	0	718	424	424	2	0	124	182	638	0	0	
		16	385	0	0	0	14	410	0	0	0	268	230	
		17	0	86	32	0	0	0	367	59	0	175	49	
		18	0	31	261	484	0	761	0	646	576	273	0	
		19	758	131	0	164	0	49	96	0	580	0	727	
		20	84	251	263	0	769	91	77	137	50	111	0	
		21	0	0	315	590	0	0	0	0	0	0	0	
		22	81	494	122	0	0	82	0	297	32	352	579	
		23	0	462	22	0	800	60	0	0	25	0	155	
		24	557	0	0	406	0	0	782	16	0	0	0	
		25	0	0	0	286	28	0	0	60	244	0	0	
		26	0	0	656	0	299	0	677	0	241	409	0	
		27	976	588	0	0	0	343	0	150	369	56	213	
		28	66	0	433	226	720	0	0	0	0	0	323	
		29	0	737	0	0		0	789	245	62	94	144	
		30	137	0	0	0		182	0	75	0	26	0	
		31	0		61	692		754		190		93	196	

2025 EPA POLLUTION MONITORING DATA

MONITORING POINT 6

Location: Condobolin Water Filtration Plant – Backwash through Backwash Pump

POINT 6 Discharge Volume (Monthly during discharge)	Date Obtained		01/11/2024	01/12/2024	01/01/2025	01/02/2025	01/03/2025	01/04/2025	01/05/2025	01/06/2025	01/07/2025	01/08/2025	01/09/2025	
	Date Published		21/11/2024	17/12/2024	24/01/2025	12/02/2025	31/03/2025	08/04/2025	28/05/2025	30/06/2025	17/07/2025	27/08/2025	11/09/2025	
Unit of Measure	Limit	Day	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
kL per day	-	1	162	166	199	166	245	149	322	166	159	0	0	
		2	0	162	144	166	0	0	152	166	160	161	162	
		3	162	160	0	0	80	162	0	165	160	0	0	
		4	80	155	352	168	163	165	161	129	158	161	159	
		5	81	214	118	166	163	161	165	161	163	0	162	
		6	84	111	160	168	0	0	166	0	164	151	0	
		7	165	158	163	0	161	166	0	159	158	0	152	
		8	167	168	164	162	166	245	0	166	165	166	0	
		9	167	166	0	162	0	166	321	162	163	0	161	
		10	167	166	0	0	0	165	161	163	161	173	0	
		11	162	0	162	163	0	168	165	0	165	0	170	
		12	167	161	161	164	0	0	0	156	165	162	163	
		13	0	162	0	167	159	159	155	161	165	168	0	
		14	160	163	160	331	0	0	0	162	164	0	162	
		15	0	161	0	0	0	159	160	0	162	159	0	
		16	162	160	0	159	164	167	160	160	167	159	163	
		17	0	0	160	160	163	166	155	154	158	156	0	
		18	166	160	163	0	168	167	166	166	324	0	166	
		19	0	164	0	0	321	0	83	160	0	166	0	
		20	164	322	164	161	0	158	82	166	163	0	163	
		21	0	162	160	0	325	160	84	159	169	164	0	
		22	166	160	0	161	165	0	161	162	150	0	163	
		23	0	161	0	0	165	158	163	152	159	192	0	
		24	162	325	0	0	163	0	184	161	233	0	162	
		25	163	0	348	0	168	154	0	167	159	0	0	
		26	0	0	0	158	163	160	166	166	160	183	168	
		27	160	0	167	164	159	162	165	160	164	165	0	
		28	158	161	167	167	168	148	167	158	161	0	162	
		29	164	161	167	163		162	0	163	165	165	0	
		30	163	162	161	0		83	163	157	163	0	166	
		31	163		168	0		0		163		162	0	