

2024 EPA Pollution Monitoring Data

CONDOBOLIN SEWAGE TREATMENT PLANT – EPA LICENCE NO. 4480
PREMISES: 301 GOLF LINKS ROAD, CONDOBOLIN NSW 2877

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



**LACHLAN SHIRE
COUNCIL**
Wiradjuri Country

2024 EPA POLLUTION MONITORING DATA

To view the full licence on the NSW EPA website, click here: [EPA Licence 4480](#)

MONITORING POINT 1

Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

POINT 1 Discharge to Waters Effluent Quality (Monthly)	Date Sampled		16/01/2024	27/02/2024	19/03/2024	24/04/2024	21/05/2024	12/06/2024	02/07/2024	21/08/2024	04/09/2024	15/10/2024		
	Date Obtained		01/02/2024	06/03/2024	28/03/2024	03/05/2024	29/05/2024	20/06/2024	10/07/2024	30/08/2024	27/09/2024	28/10/2024		
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024	13/08/2024	12/9/2024	11/10/2024	21/11/2024		
Pollutant	Unit of Measure	Limit 100 Percentile Concentration	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
BOD	mg/L	20	11	7	9	9	12	2	4	6	11	15		
Faecal Coliforms	Colony	1500	~200	~<100	~<100	~1600	<100	~60	24	~90	~10	~400		
Total Nitrogen	mg/L	40	<0.05	<0.05	<0.05	0.41	1.00	0.87	0.27	0.21	0.69	2.01		
Total Kjeldahl Nitrogen	mg/L	-	3.5	3.2	3.1	2.7	4.3	6.8	11.9	13.6	11	4.7		
Total Oil and Grease	mg/L	10	<2	<2	<2	3	<2	<2	<2	<2	<2	<2		
pH	pH	6.5 - 8.5	9.56	9.83	9.87	10.1	9.93	8.4	7.92	8	7.88	8.86		
Total Phosphorus	mg/L	10	1.95	1.15	1.16	1.83	1.76	3.4	5.86	5.35	4.51	3.27		
Total Suspended Solids	mg/L	30	57	55	80	87	58	18	15	15	31	164		

MONITORING POINT 5 & 6

Point 5 Location: Condobolin Sewage Treatment Plant – Reuse Irrigation at Condobolin Golf Course | **Point 6 Location:** Condobolin Sewage Treatment Plant – Reuse Irrigation at Condobolin Sewage Treatment Plant

POINT 5 Discharge to Land Soil Quality (Yearly)	Date Sampled		12/06/2024	
	Date Obtained		20/06/2024	
	Date Published		10/07/2024	
Pollutant	Unit of Measure	Limit	0 – 10cm	90 - 100cm
Conductivity	µS/cm	-	100	110
Exchangeable Sodium %	%	-	3	11
Nitrate	mg/kg	-	<0.5	<0.5
Total Nitrogen	mg/kg	-	1000	280
pH	pH	-	6.3	6.1
Total Phosphorus	mg/kg	-	170	90
Available Phosphorus	mg/kg	-	9	10

POINT 6 Discharge to Land Soil Quality (Yearly)	Date Sampled		12/06/2024	
	Date Obtained		20/06/2024	
	Date Published		10/07/2024	
Pollutant	Unit of Measure	Limit	0 – 10cm	90 - 100cm
Conductivity	µS/cm	-	230	590
Exchangeable Sodium %	%	-	2	10
Nitrate	mg/kg	-	<0.5	<0.5
Total Nitrogen	mg/kg	-	1200	270
pH	pH	-	7.3	8.5
Total Phosphorus	mg/kg	-	300	110
Available Phosphorus	mg/kg	-	87	16

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MONITORING POINT 1

Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

POINT 1 Discharge Volume (Daily during any discharge)	Date Obtained		01/02/2024	01/03/2024	01/04/2024	01/05/2024	01/06/2024	01/07/2024	01/08/2024	01/09/2024	01/10/2024	01/11/2024		
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024	13/08/2024	12/9/2024	11/10/2024	21/11/2024		
Unit of Measure	Limit	Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Kilolitres per day	4500	1	40	21	0	620	260	1020	1077	1008	915	672		
		2	394	5	0	681	163	1080	1002	1150	853	649		
		3	1290	32	26	509	351	1019	951	1064	672	639		
		4	1266	120	36	136	941	891	918	974	655	494		
		5	1238	18	0	562	1189	884	895	1012	850	566		
		6	1211	0	0	1210	1186	918	870	1052	831	608		
		7	1195	0	0	1251	1168	1075	867	916	813	608		
		8	1215	0	0	0	1090	1110	875	830	813	667		
		9	1225	1194	0	1137	975	1106	919	788	698	603		
		10	0	1169	22	982	1087	1065	916	809	596	375		
		11	1185	1046	76	892	1234	1039	902	757	605	365		
		12	1075	1081	0	715	1305	1018	892	755	657	372		
		13	878	740	2	772	1304	1014	923	749	680	386		
		14	0	988	0	824	1292	1010	903	1021	702	353		
		15	735	1087	0	697	1280	1083	880	1088	691	177		
		16	0	1080	0	343	1266	1052	882	1031	607	0		
		17	1112	1011	22	185	1252	986	984	1085	492	0		
		18	1190	1048	146	88	1232	957	1000	993	456	20		
		19	1167	580	275	131	1208	929	954	929	465	242		
		20	1132	85	253	268	1186	906	962	880	534	525		
		21	1105	65	122	513	1174	965	892	835	600	716		
		22	903	170	270	638	1148	942	888	819	634	615		
		23	0	165	571	606	1059	922	879	776	572	579		
		24	784	181	697	590	991	911	884	845	527	643		
		25	740	512	730	586	923	903	944	1074	580	417		
		26	868	587	745	419	886	875	872	1210	767	511		
		27	855	199	678	482	811	877	915	1209	834	661		
		28	829	28	620	546	760	846	917	1192	814	724		
		29	501	0	602	608	741	826	886	1173	787	744		
		30	197		642	607	613	1076	875	1073	772	162		
		31	32		612		691		862	984		7		

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MONITORING POINT 2

Location: Condobolin Golf Course – Discharge to Utilisation Area – Spray Irrigation

POINT 2 Discharge Volume (Daily during any discharge)	Date Obtained		01/02/2024	01/03/2024	01/04/2024	01/05/2024	01/06/2024	01/07/2024	01/08/2024	01/09/2024	01/10/2024	01/11/2024			
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024	13/08/2024	12/9/2024	11/10/2024	21/11/2024			
Unit of Measure	Limit	Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
Kilolitres per day	2000	1	185	403	384	0	1047	0	0	0	0	252			
		2	185	397	0	3	173	0	0	0	0	0			
		3	185	0	0	1403	0	0	0	0	606	323			
		4	185	0	1048	545	0	0	0	0	0	326			
		5	185	692	918	0	0	0	0	0	0	0			
		6	185	0	825	0	0	0	0	0	0	110	0		
		7	185	0	411	0	78	0	0	0	0	0	0		
		8	185	0	214	0	0	0	0	0	0	0	0		
		9	185	0	0	0	0	0	0	0	0	342	718		
		10	185	0	0	0	0	0	0	0	0	313	786		
		11	185	0	802	277	0	0	0	0	0	0	0		
		12	185	795	1304	336	0	0	0	0	0	0	0		
		13	185	314	1017	0	0	0	0	0	0	3	489		
		14	185	0	313	0	0	0	0	0	0	0	1130		
		15	185	0	219	869	0	0	0	0	0	0	912		
		16	185	0	0	961	0	0	0	0	0	408	193		
		17	185	0	0	1127	0	0	0	0	0	379	0		
		18	185	0	0	765	0	0	0	0	0	255	0		
		19	185	1292	278	264	0	0	0	0	0	0	0		
		20	185	849	1132	0	0	0	0	0	0	0	0		
		21	185	154	269	0	0	0	0	0	0	0	0		
		22	185	316	0	0	0	0	0	0	0	0	350		
		23	185	346	0	210	0	0	0	0	0	418	0		
		24	931	0	0	0	0	0	0	0	0	0	371		
		25	91	0	0	327	0	0	0	0	0	0	315		
		26	0	404	0	487	0	0	0	0	0	0	0		
		27	0	1166	361	0	299	0	0	0	0	0	0		
		28	354	1025	417	0	353	0	0	0	0	0	0		
		29	555	578	0	0	0	0	0	0	0	0	697		
		30	1006		0	602	0	0	0	0	0	0	1503		
		31	719		0		0	0	0	0	0		503		

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MONITORING POINT 3

Location: Condobolin Sewage Treatment Plant – Discharge to Utilisation Area – Spray Irrigation

POINT 3 Discharge Volume (Daily during any discharge)	Date Obtained		01/02/2024	01/03/2024	01/04/2024	01/05/2024	01/06/2024	01/07/2024	01/08/2024	01/09/2024	01/10/2024	01/11/2024		
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024	13/08/2024	12/9/2024	11/10/2024	21/11/2024		
Unit of Measure	Limit	Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Kilolitres per day	150	1	15	0	0	0	0	0	0	0	0	0		
		2	15	0	0	0	0	0	0	0	0	0		
		3	15	0	0	0	0	0	0	0	0	0		
		4	15	0	0	0	0	0	0	0	0	0		
		5	15	0	0	0	0	0	0	0	0	0		
		6	15	0	0	0	0	0	0	0	0	0		
		7	15	0	9	0	0	0	0	0	0	0		
		8	15	0	0	0	0	0	0	0	0	0		
		9	15	0	0	0	0	0	0	0	0	0		
		10	15	0	0	0	0	0	0	0	0	0		
		11	15	0	0	0	0	0	0	0	0	0		
		12	15	0	0	0	0	0	0	0	0	0		
		13	15	0	0	0	0	0	0	0	0	0		
		14	15	0	0	0	0	0	0	0	0	0		
		15	15	0	0	0	0	0	0	0	0	0		
		16	15	0	0	0	0	0	0	0	0	0		
		17	15	0	0	0	0	0	0	0	0	0		
		18	15	0	0	0	0	0	0	0	0	0		
		19	15	0	0	0	0	0	0	0	0	0		
		20	15	0	0	0	0	0	0	0	0	0		
		21	15	0	0	0	0	0	0	0	0	0		
		22	15	0	0	0	0	0	0	0	0	0		
		23	15	0	0	0	0	0	0	0	0	0		
		24	0	0	0	0	0	0	0	0	0	0		
		25	0	0	0	0	0	0	0	0	0	0		
		26	0	0	0	0	0	0	0	0	0	0		
		27	0	0	0	0	0	0	0	0	0	0		
		28	0	0	0	0	0	0	0	0	0	0		
		29	0	0	0	0	0	0	0	0	0	0		
		30	0			0	0	0	0	0	0	0		
		31	0			0	0	0	0	0	0	0		

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MONITORING POINT 4

Location: Condobolin Sewage Treatment Plant – Influent

POINT 4 Influent Volume (Daily during any discharge)	Date Obtained		01/02/2024	01/03/2024	01/04/2024	01/05/2024	01/06/2024	01/07/2024	01/08/2024	01/09/2024	01/10/2024	01/11/2024		
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024	13/08/2024	12/9/2024	11/10/2024	21/11/2024		
Unit of Measure	Limit	Day	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Kilolitres per day	-	1	700	714	658	700	716	980	1069	1379	836	774		
		2	1529	706	721	751	728	1202	1010	856	897	787		
		3	768	700	759	711	662	2795	864	836	816	1576		
		4	770	717	772	716	2530	1207	1297	827	872	871		
		5	749	419	737	2101	1021	909	871	794	796	896		
		6	789	304	750	1479	834	1229	793	763	811	1325		
		7	852	1257	731	965	844	1120	1590	834	821	805		
		8	2567	879	719	471	799	1042	889	786	841	767		
		9	1115	880	724	773	823	1044	878	711	827	750		
		10	893	844	760	796	1771	947	869	1195	1065	841		
		11	837	793	749	754	3755	1154	878	723	778	749		
		12	563	818	722	805	1746	1062	826	983	991	781		
		13	509	757	739	799	1288	921	870	1637	813	807		
		14	807	779	701	791	1078	891	837	1103	1264	752		
		15	797	882	701	786	1000	971	1344	861	1735	778		
		16	1465	930	822	774	955	977	837	1582	784	861		
		17	2659	857	781	803	894	875	1246	1730	927	822		
		18	1178	752	731	801	891	943	885	855	801	1039		
		19	700	733	698	772	1209	1242	1041	972	815	853		
		20	1092	748	881	787	1060	844	965	793	793	838		
		21	838	748	727	811	844	910	916	816	801	824		
		22	824	735	684	771	1121	867	927	780	799	812		
		23	833	753	734	813	819	925	868	767	807	795		
		24	807	825	744	787	1052	1187	896	813	817	810		
		25	799	752	711	682	758	1010	880	1770	900	765		
		26	907	714	742	1046	811	838	900	1558	886	759		
		27	791	693	764	1523	984	905	1166	1775	791	831		
		28	736	701	714	731	752	1000	904	1007	1396	812		
		29	735	692	723	737	767	1171	1547	1162	761	818		
		30	715		698	747	804	1364	1940	898	767	828		
		31	709		681		1466		1856	917		791		