

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	27/11/2024	
		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	09/12/2024	
		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	12/12/2024	
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	23	
Faecal Coliforms	Colony	1500	~200	~<100	~<100	~1600	<100	~60	24	~90	~10	~400	~10000	
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	0.48	
Total Kjeldahl Nitrogen	mg/L	-	3.5	3.2	3.1	2.7	4.3	6.8	11.9	13.6	11	4.7	11.2	
Total Oil and Grease	mg/L	10	<2	<2	<2	3	<2	<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	8.31	
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	5.45	
Total Suspended Solids	mg/L	30	57	55	80	87	58	18	15	15	31	164	97	

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	01/12/2024	
	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	12/12/2024	
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	35	
		2	394	5	0	681	163	1080	1002	1150	853	649	57	
		3	1290	32	26	509	351	1019	951	1064	672	639	479	
		4	1266	120	36	136	941	891	918	974	655	494	1173	
		5	1238	18	0	562	1189	884	895	1012	850	566	1011	
		6	1211	0	0	1210	1186	918	870	1052	831	608	534	
		7	1195	0	0	1251	1168	1075	867	916	813	608	643	
		8	1215	0	0	0	1090	1110	875	830	813	667	208	
		9	1225	1194	0	1137	975	1106	919	788	698	603	0	
		10	0	1169	22	982	1087	1065	916	809	596	375	0	
		11	1185	1046	76	892	1234	1039	902	757	605	365	0	
		12	1075	1081	0	715	1305	1018	892	755	657	372	0	
		13	878	740	2	772	1304	1014	923	749	680	386	0	
		14	0	988	0	824	1292	1010	903	1021	702	353	0	
		15	735	1087	0	697	1280	1083	880	1088	691	177	0	
		16	0	1080	0	343	1266	1052	882	1031	607	0	0	
		17	1112	1011	22	185	1252	986	984	1085	492	0	0	
		18	1190	1048	146	88	1232	957	1000	993	456	20	0	
		19	1167	580	275	131	1208	929	954	929	465	242	0	
		20	1132	85	253	268	1186	906	962	880	534	525	0	
		21	1105	65	122	513	1174	965	892	835	600	716	0	
		22	903	170	270	638	1148	942	888	819	634	615	2	
		23	0	165	571	606	1059	922	879	776	572	579	2	
		24	784	181	697	590	991	911	884	845	527	643	288	
		25	740	512	730	586	923	903	944	1074	580	417	183	
		26	868	587	745	419	886	875	872	1210	767	511	34	
		27	855	199	678	482	811	877	915	1209	834	661	0	
		28	829	28	620	546	760	846	917	1192	814	724	12	
		29	501	0	602	608	741	826	886	1173	787	744	5	
		30	197		642	607	613	1076	875	1073	772	162	127	
		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	01/12/2024		
	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	12/12/2024		
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	671		
		2	185	397	0	3	173	0	0	0	0	0	0	0	
		3	185	0	0	1403	0	0	0	0	0	606	323	571	
		4	185	0	1048	545	0	0	0	0	0	0	326	1352	
		5	185	692	918	0	0	0	0	0	0	0	0	1076	
		6	185	0	825	0	0	0	0	0	0	0	110	0	822
		7	185	0	411	0	78	0	0	0	0	0	0	0	365
		8	185	0	214	0	0	0	0	0	0	0	0	0	314
		9	185	0	0	0	0	0	0	0	0	0	342	718	0
		10	185	0	0	0	0	0	0	0	0	0	313	786	0
		11	185	0	802	277	0	0	0	0	0	0	0	0	0
		12	185	795	1304	336	0	0	0	0	0	0	0	0	322
		13	185	314	1017	0	0	0	0	0	0	0	3	489	237
		14	185	0	313	0	0	0	0	0	0	0	0	1130	367
		15	185	0	219	869	0	0	0	0	0	0	0	912	349
		16	185	0	0	961	0	0	0	0	0	0	408	193	0
		17	185	0	0	1127	0	0	0	0	0	0	379	0	0
		18	185	0	0	765	0	0	0	0	0	0	255	0	0
		19	185	1292	278	264	0	0	0	0	0	0	0	0	0
		20	185	849	1132	0	0	0	0	0	0	0	0	0	287
		21	185	154	269	0	0	0	0	0	0	0	0	0	382
		22	185	316	0	0	0	0	0	0	0	0	0	350	337
		23	185	346	0	210	0	0	0	0	0	0	418	0	0
		24	931	0	0	0	0	0	0	0	0	0	0	371	439
		25	91	0	0	327	0	0	0	0	0	0	0	315	1442
		26	0	404	0	487	0	0	0	0	0	0	0	0	1551
		27	0	1166	361	0	299	0	0	0	0	0	0	0	476
		28	354	1025	417	0	353	0	0	0	0	0	0	0	0
		29	555	578	0	0	0	0	0	0	0	0	0	697	0
		30	1006		0	602	0	0	0	0	0	0	0	1503	0
		31	719		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	01/12/2024	
	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	12/12/2024	
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	0	0
		2	15	0	0	0	0	0	0	0	0	0	0	0
		3	15	0	0	0	0	0	0	0	0	0	0	0
		4	15	0	0	0	0	0	0	0	0	0	0	0
		5	15	0	0	0	0	0	0	0	0	0	0	0
		6	15	0	0	0	0	0	0	0	0	0	0	0
		7	15	0	9	0	0	0	0	0	0	0	0	0
		8	15	0	0	0	0	0	0	0	0	0	0	0
		9	15	0	0	0	0	0	0	0	0	0	0	0
		10	15	0	0	0	0	0	0	0	0	0	0	0
		11	15	0	0	0	0	0	0	0	0	0	0	0
		12	15	0	0	0	0	0	0	0	0	0	0	0
		13	15	0	0	0	0	0	0	0	0	0	0	0
		14	15	0	0	0	0	0	0	0	0	0	0	0
		15	15	0	0	0	0	0	0	0	0	0	0	0
		16	15	0	0	0	0	0	0	0	0	0	0	0
		17	15	0	0	0	0	0	0	0	0	0	0	0
		18	15	0	0	0	0	0	0	0	0	0	0	0
		19	15	0	0	0	0	0	0	0	0	0	0	0
		20	15	0	0	0	0	0	0	0	0	0	0	0
		21	15	0	0	0	0	0	0	0	0	0	0	0
		22	15	0	0	0	0	0	0	0	0	0	0	0
		23	15	0	0	0	0	0	0	0	0	0	0	0
		24	0	0	0	0	0	0	0	0	0	0	0	0
		25	0	0	0	0	0	0	0	0	0	0	0	0
		26	0	0	0	0	0	0	0	0	0	0	0	0
		27	0	0	0	0	0	0	0	0	0	0	0	0
		28	0	0	0	0	0	0	0	0	0	0	0	0
		29	0	0	0	0	0	0	0	0	0	0	0	0
		30	0			0	0	0	0	0	0	0	0	0
		31	0			0	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	01/12/2024	
	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	12/12/2024	
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	841	
		2	1529	706	721	751	728	1202	1010	856	897	787	852	
		3	768	700	759	711	662	2795	864	836	816	1576	843	
		4	770	717	772	716	2530	1207	1297	827	872	871	806	
		5	749	419	737	2101	1021	909	871	794	796	896	798	
		6	789	304	750	1479	834	1229	793	763	811	1325	774	
		7	852	1257	731	965	844	1120	1590	834	821	805	814	
		8	2567	879	719	471	799	1042	889	786	841	767	844	
		9	1115	880	724	773	823	1044	878	711	827	750	778	
		10	893	844	760	796	1771	947	869	1195	1065	841	815	
		11	837	793	749	754	3755	1154	878	723	778	749	734	
		12	563	818	722	805	1746	1062	826	983	991	781	762	
		13	509	757	739	799	1288	921	870	1637	813	807	750	
		14	807	779	701	791	1078	891	837	1103	1264	752	732	
		15	797	882	701	786	1000	971	1344	861	1735	778	716	
		16	1465	930	822	774	955	977	837	1582	784	861	747	
		17	2659	857	781	803	894	875	1246	1730	927	822	811	
		18	1178	752	731	801	891	943	885	855	801	1039	743	
		19	700	733	698	772	1209	1242	1041	972	815	853	732	
		20	1092	748	881	787	1060	844	965	793	793	838	862	
		21	838	748	727	811	844	910	916	816	801	824	838	
		22	824	735	684	771	1121	867	927	780	799	812	771	
		23	833	753	734	813	819	925	868	767	807	795	773	
		24	807	825	744	787	1052	1187	896	813	817	810	808	
		25	799	752	711	682	758	1010	880	1770	900	765	784	
		26	907	714	742	1046	811	838	900	1558	886	759	756	
		27	791	693	764	1523	984	905	1166	1775	791	831	962	
		28	736	701	714	731	752	1000	904	1007	1396	812	779	
		29	735	692	723	737	767	1171	1547	1162	761	818	740	
		30	715		698	747	804	1364	1940	898	767	828	3268	
		31	709		681		1466		1856	917		791		