

# 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

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### 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						
	Date Obtained		01/02/2024	06/03/2024	28/03/2024	03/05/2024	29/05/2024	20/06/2024						
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024						
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						
Faecal Coliforms	Colony	1500	~200	~<100	~<100	~1600	<100	~60						
Total Nitrogen	mg/L	40	<0.05	<0.05	<0.05	0.41	1.00	0.87						
Total Kjeldahl Nitrogen	mg/L	-	3.5	3.2	3.1	2.7	4.3	6.8						
Total Oil and Grease	mg/L	10	<2	<2	<2	3	<2	<2						
pH	pH	6.5 - 8.5	9.56	9.83	9.87	10.1	9.93	8.4						
Total Phosphorus	mg/L	10	1.95	1.15	1.16	1.83	1.76	3.4						
Total Suspended Solids	mg/L	30	57	55	80	87	58	18						

### 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

## 2024 EPA POLLUTION MONITORING DATA

### 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						
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024						
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						
		2	394	5	0	681	163	1080						
		3	1290	32	26	509	351	1019						
		4	1266	120	36	136	941	891						
		5	1238	18	0	562	1189	884						
		6	1211	0	0	1210	1186	918						
		7	1195	0	0	1251	1168	1075						
		8	1215	0	0	0	1090	1110						
		9	1225	1194	0	1137	975	1106						
		10	0	1169	22	982	1087	1065						
		11	1185	1046	76	892	1234	1039						
		12	1075	1081	0	715	1305	1018						
		13	878	740	2	772	1304	1014						
		14	0	988	0	824	1292	1010						
		15	735	1087	0	697	1280	1083						
		16	0	1080	0	343	1266	1052						
		17	1112	1011	22	185	1252	986						
		18	1190	1048	146	88	1232	957						
		19	1167	580	275	131	1208	929						
		20	1132	85	253	268	1186	906						
		21	1105	65	122	513	1174	965						
		22	903	170	270	638	1148	942						
		23	0	165	571	606	1059	922						
		24	784	181	697	590	991	911						
		25	740	512	730	586	923	903						
		26	868	587	745	419	886	875						
		27	855	199	678	482	811	877						
		28	829	28	620	546	760	846						
		29	501	0	602	608	741	826						
		30	197		642	607	613	1076						
		31	32		612		691							

## 2024 EPA POLLUTION MONITORING DATA

### 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						
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024						
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						
		2	185	397	0	3	173	0						
		3	185	0	0	1403	0	0						
		4	185	0	1048	545	0	0						
		5	185	692	918	0	0	0						
		6	185	0	825	0	0	0						
		7	185	0	411	0	78	0						
		8	185	0	214	0	0	0						
		9	185	0	0	0	0	0						
		10	185	0	0	0	0	0						
		11	185	0	802	277	0	0						
		12	185	795	1304	336	0	0						
		13	185	314	1017	0	0	0						
		14	185	0	313	0	0	0						
		15	185	0	219	869	0	0						
		16	185	0	0	961	0	0						
		17	185	0	0	1127	0	0						
		18	185	0	0	765	0	0						
		19	185	1292	278	264	0	0						
		20	185	849	1132	0	0	0						
		21	185	154	269	0	0	0						
		22	185	316	0	0	0	0						
		23	185	346	0	210	0	0						
		24	931	0	0	0	0	0						
		25	91	0	0	327	0	0						
		26	0	404	0	487	0	0						
		27	0	1166	361	0	299	0						
		28	354	1025	417	0	353	0						
		29	555	578	0	0	0	0						
		30	1006		0	602	0	0						
		31	719		0		0	0						

## 2024 EPA POLLUTION MONITORING DATA

### 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						
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024						
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						
		2	15	0	0	0	0	0						
		3	15	0	0	0	0	0						
		4	15	0	0	0	0	0						
		5	15	0	0	0	0	0						
		6	15	0	0	0	0	0						
		7	15	0	9	0	0	0						
		8	15	0	0	0	0	0						
		9	15	0	0	0	0	0						
		10	15	0	0	0	0	0						
		11	15	0	0	0	0	0						
		12	15	0	0	0	0	0						
		13	15	0	0	0	0	0						
		14	15	0	0	0	0	0						
		15	15	0	0	0	0	0						
		16	15	0	0	0	0	0						
		17	15	0	0	0	0	0						
		18	15	0	0	0	0	0						
		19	15	0	0	0	0	0						
		20	15	0	0	0	0	0						
		21	15	0	0	0	0	0						
		22	15	0	0	0	0	0						
		23	15	0	0	0	0	0						
		24	0	0	0	0	0	0						
		25	0	0	0	0	0	0						
		26	0	0	0	0	0	0						
		27	0	0	0	0	0	0						
		28	0	0	0	0	0	0						
		29	0	0	0	0	0	0						
		30	0			0	0	0						
		31	0			0	0	0						

## 2024 EPA POLLUTION MONITORING DATA

### 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						
	Date Published		27/02/2024	14/03/2024	18/04/2024	10/05/2024	18/06/2024	10/07/2024						
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						
		2	1529	706	721	751	728	1202						
		3	768	700	759	711	662	2795						
		4	770	717	772	716	2530	1207						
		5	749	419	737	2101	1021	909						
		6	789	304	750	1479	834	1229						
		7	852	1257	731	965	844	1120						
		8	2567	879	719	471	799	1042						
		9	1115	880	724	773	823	1044						
		10	893	844	760	796	1771	947						
		11	837	793	749	754	3755	1154						
		12	563	818	722	805	1746	1062						
		13	509	757	739	799	1288	921						
		14	807	779	701	791	1078	891						
		15	797	882	701	786	1000	971						
		16	1465	930	822	774	955	977						
		17	2659	857	781	803	894	875						
		18	1178	752	731	801	891	943						
		19	700	733	698	772	1209	1242						
		20	1092	748	881	787	1060	844						
		21	838	748	727	811	844	910						
		22	824	735	684	771	1121	867						
		23	833	753	734	813	819	925						
		24	807	825	744	787	1052	1187						
		25	799	752	711	682	758	1010						
		26	907	714	742	1046	811	838						
		27	791	693	764	1523	984	905						
		28	736	701	714	731	752	1000						
		29	735	692	723	737	767	1171						
		30	715		698	747	804	1364						
		31	709		681		1466							