

2019 EPA Pollution Monitoring Data

CONDOBOLIN SEWAGE TREATMENT PLANT – EPA LICENCE NO. 4480

PREMISES: GOLF LINKS ROAD, CONDOBOLIN NSW 2877

LACHLAN SHIRE COUNCIL | PO Box 216, Condobolin NSW 2877



2019 EPA POLLUTION MONITORING DATA

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

MONITORING POINT 1

Type of Monitoring: Discharge to Waters - Effluent Quality

Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

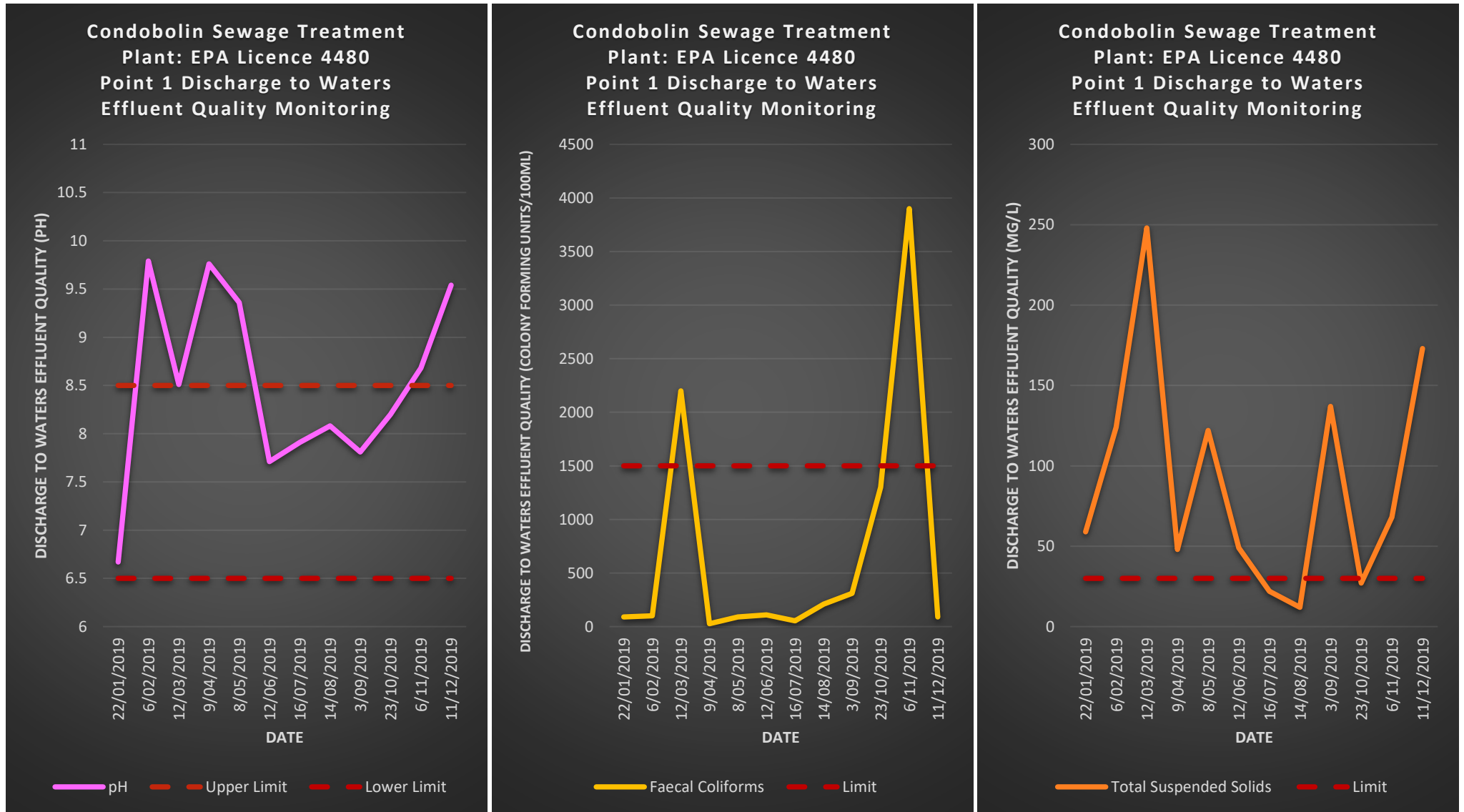
Monitoring frequency as required by licence: Monthly

Limits: 100th Percentile Concentration Limit

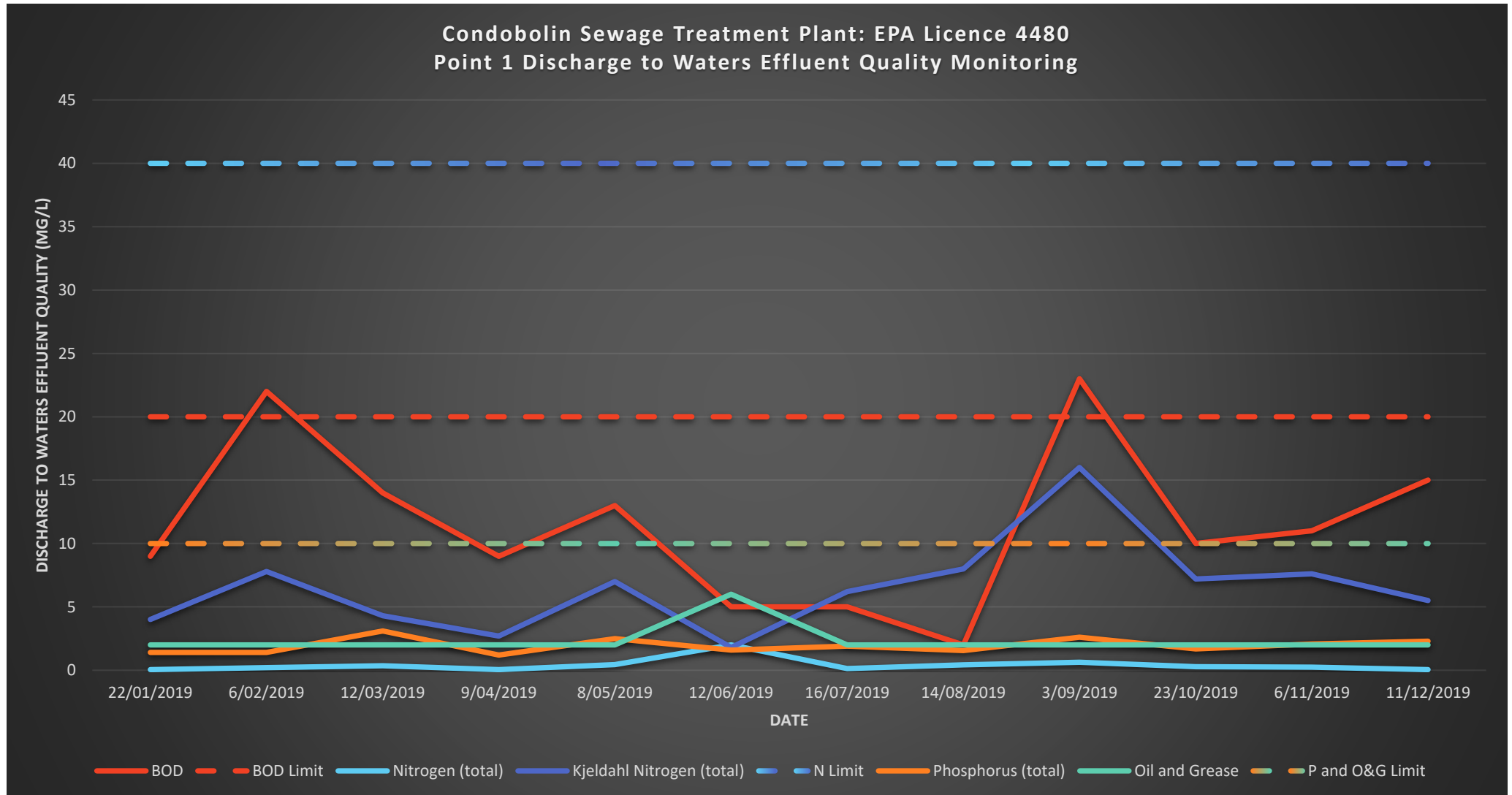
POINT 1 Effluent Quality	Date Sampled		22/01/2019	06/02/2019	12/03/2019	09/04/2019	08/05/2019	12/06/2019	16/07/2019	14/08/2019	03/09/2019	23/10/2019	06/11/2019	11/12/2019
	Date Obtained		31/01/2019	14/02/2019	20/03/2019	18/04/2019	17/05/2019	24/06/2019	24/07/2019	22/08/2019	16/09/2019	31/10/2019	14/11/2019	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
BOD	mg/L	20	9	22	14	9	13	5	5	<2	23	10	11	15
Faecal Coliforms	Colony-forming Units/100mL	1500	~91	~100	~2200	~27	~91	110	~54	210	310	~1300	~3900	~91
Nitrogen (total)	mg/L	40	<0.05	0.21	0.36	<0.05	0.44	2.00	0.14	0.43	0.63	0.29	0.24	<0.05
Kjeldahl Nitrogen (total)	mg/L	-	4.00	7.80	4.30	2.70	7.00	1.80	6.20	8.00	16.00	7.20	7.60	5.50
Oil and Grease	mg/L	10	<2	<2	<2	<2	2	<6*	<2	<2	<2	<2	<2	<2
pH	pH	6.5-8.5	6.67	9.79	8.51	9.76	9.36	7.71	7.91	8.08	7.81	8.20	8.68	9.54
Phosphorus (total)	mg/L	10	1.40	1.40	3.10	1.20	2.50	1.60	1.90	1.55	2.60	1.69	2.07	2.30
Total Suspended Solids	mg/L	30	59	124	248	48	122	49	22	12	137	27	68	173

*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 POINT 5 and 6

Type of Monitoring: Discharge to Land - Soil Quality

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

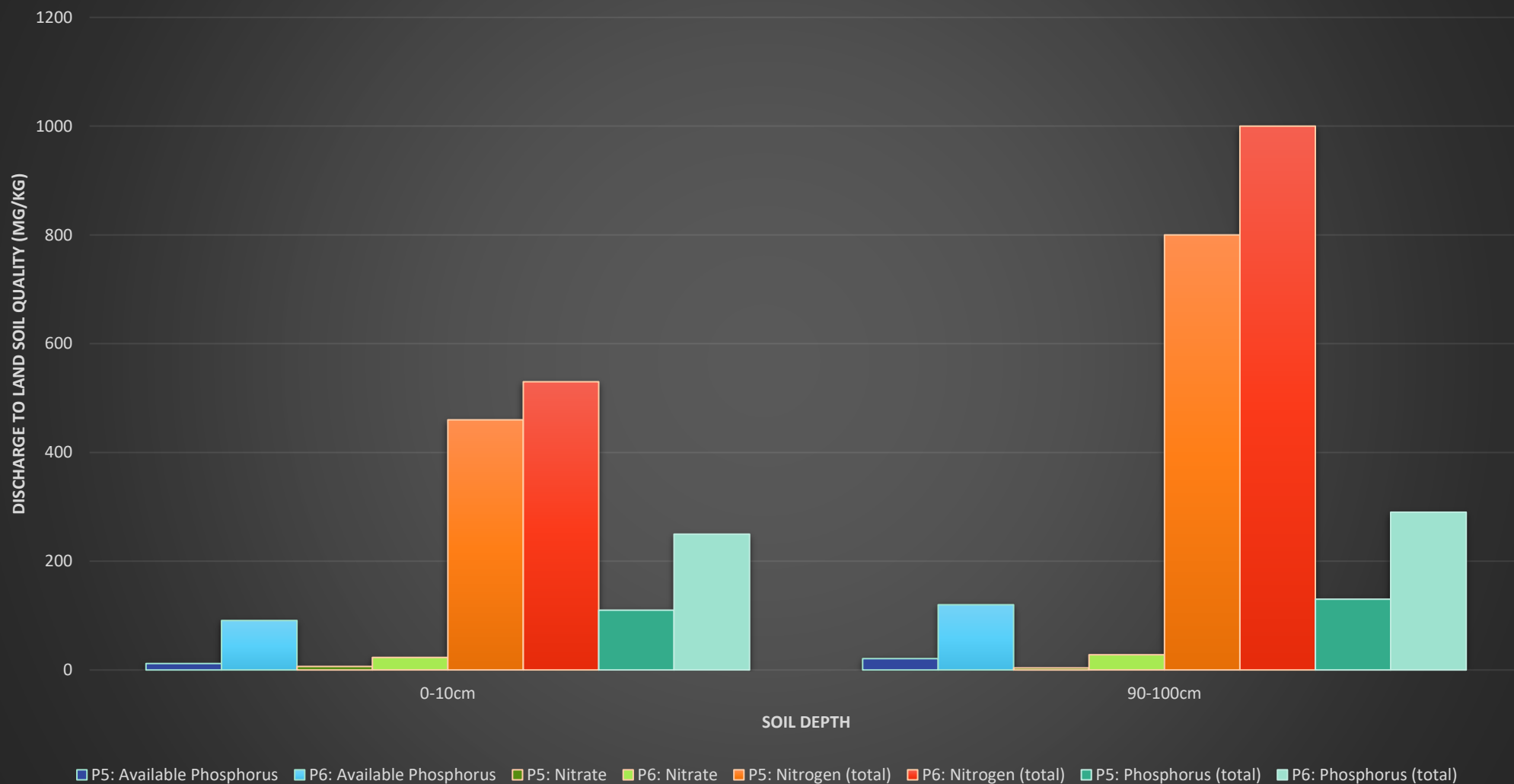
Monitoring frequency as required by licence: Yearly

Sampling Method: Composite Soil Samples collected at depths of 0-10cm and 90-100cm

POINT 5 and 6 Soil Quality	Date Sampled		29/05/2019			
	Date Obtained		06/06/2019			
	Date Published		17/06/2019			
Pollutant	Unit of Measure	Limit	Point 5: 0-10cm	Point 5: 90-100cm	Point 6: 0-10cm	Point 6: 90-100cm
Available Phosphorus	mg/kg	-	12	21	91	120
Conductivity	µS/cm	-	84	65	200	260
Exchangeable Sodium %	%	-	3	2	2	<1
Nitrate	mg/kg	-	6.5	4	23	28
Nitrogen (total)	mg/kg	-	460	800	530	1000
pH	pH	-	6.1	6	8.3	8.3
Phosphorus (total)	mg/kg	-	110	130	250	290

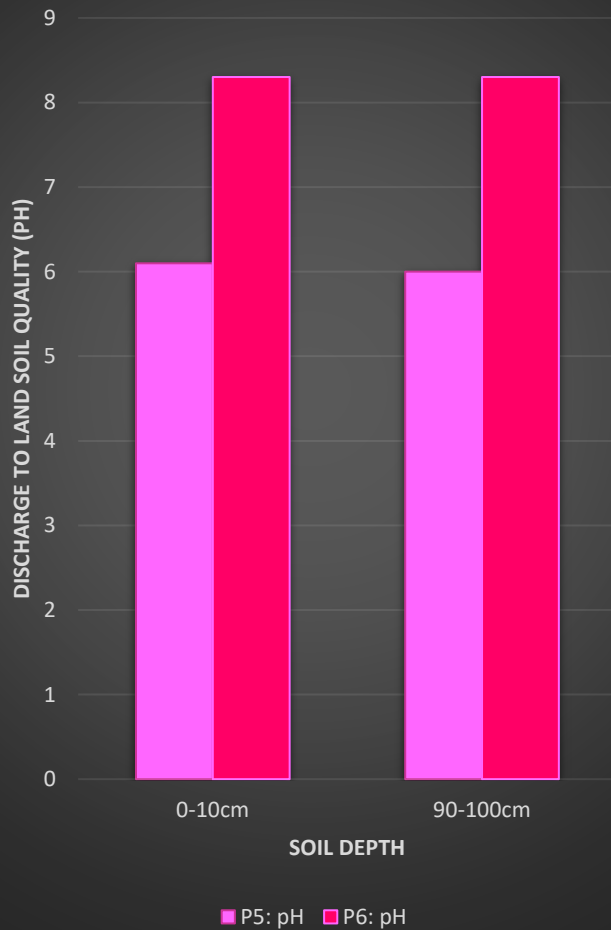
2019 EPA POLLUTION MONITORING DATA

Condobolin Sewage Treatment Plant: EPA Licence 4480
Point 5 & 6 Discharge to Land Soil Quality Monitoring 2019

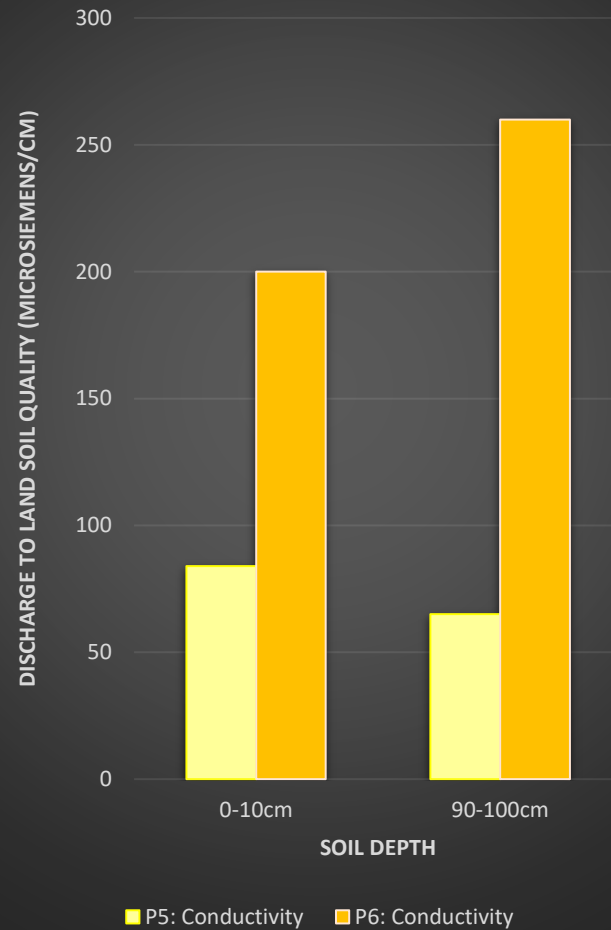


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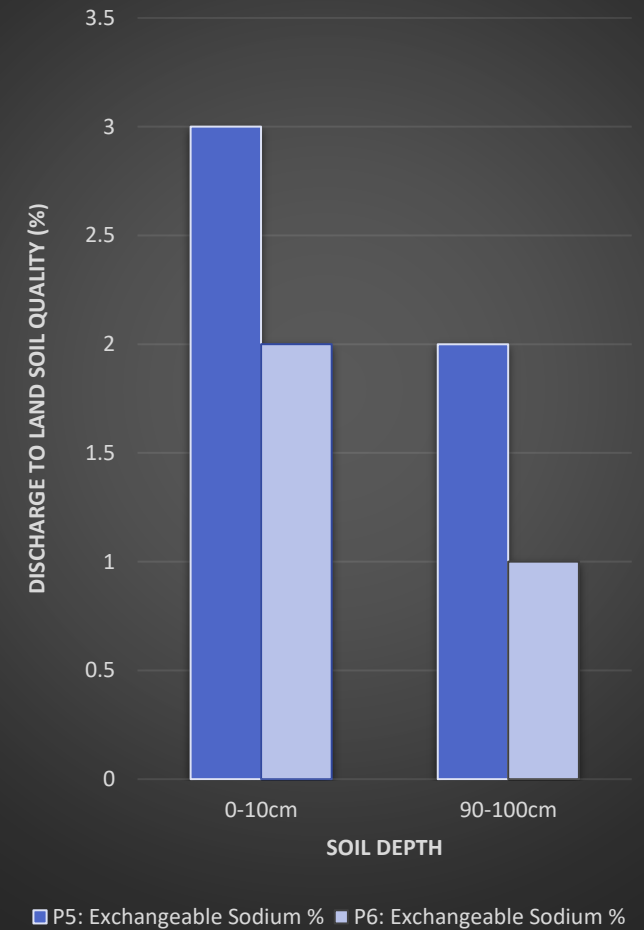
Condobolin Sewage Treatment
Plant: EPA Licence 4480
Point 5 & 6 Discharge to Land
Soil Quality Monitoring 2019



Condobolin Sewage Treatment
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MONITORING POINTS 1, 2, 3 and 4

Type of Monitoring: Discharge Volume Monitoring and Load Limits

Point 1 Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

Point 2 Location: Condobolin Golf Course – Discharge to Utilisation Area – Spray Irrigation

Point 3 Location: Condobolin Sewage Treatment Plant – Discharge to Utilisation Area – Spray and Drip Irrigation

Point 4 Location: Condobolin Sewage Treatment Plant – Influent

Monitoring frequency as required by licence: Daily during any discharge

Unit of Measure: Average kilolitres per day

POINT 1, 2, 3 and 4 Discharge Volumes	Date Published		09/02/2022
Monitoring Point	Unit of Measure	Limit	Daily Mean Average
Point 1	kL/Day	4500	270.4485
Point 2	kL/Day	2000	270.4485
Point 3	kL/Day	150	270.4485
Point 4	kL/Day		859.2

MONITORING POINT 1

Type of Monitoring: Load Limits

Point 1 Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

Monitoring frequency as required by licence: Daily during any discharge

Unit of Measure: Average kilolitres per day

POINT 1 Load Limits (Enclosed Water)	Date Published		09/02/2022
Monitoring Point	Unit of Measure	Load Limit	Assessable Load
BOD	Kg	9,600.00	1,690.47
Nitrogen (total)	Kg	2,850.00	99.02
Oil and Grease	Kg	500.00	185.09
Phosphorus (total)	Kg	950.00	479.38
Total Suspended Solids	Kg	25,250.00	13,437.40