

2021 EPA Pollution Monitoring Data

CONDOBOLIN SEWAGE TREATMENT PLANT – EPA LICENCE NO. 4480

PREMISES: 301 GOLF LINKS ROAD, CONDOBOLIN NSW 2877

LACHLAN SHIRE COUNCIL | PO Box 216, Condobolin NSW 2877



2021 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

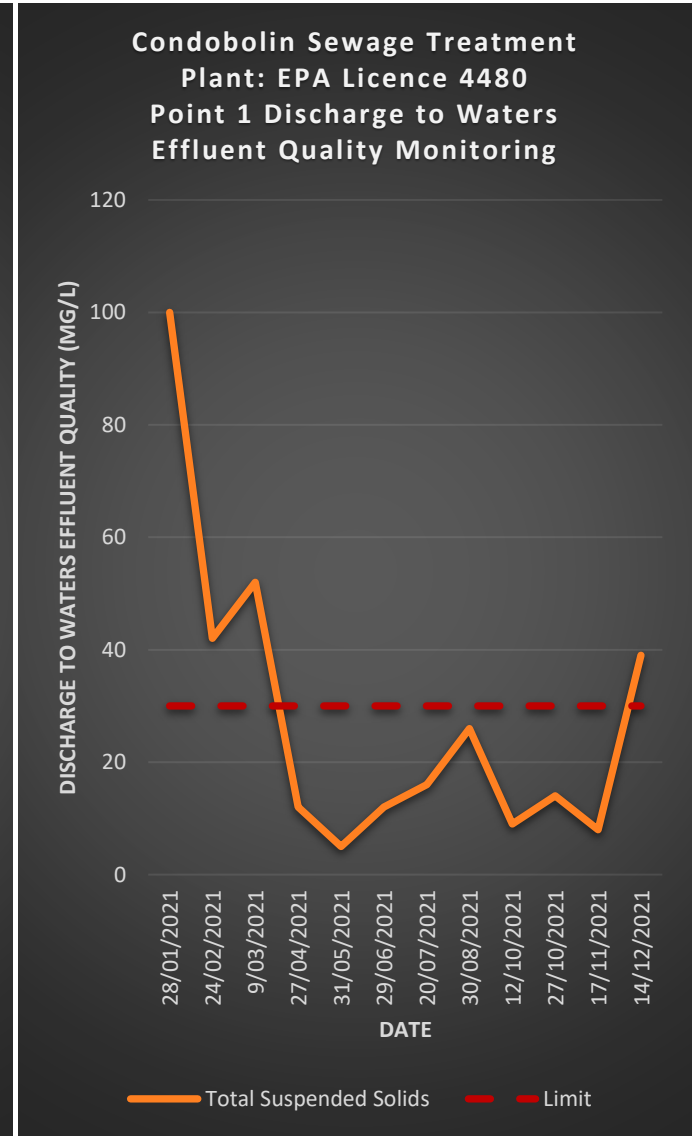
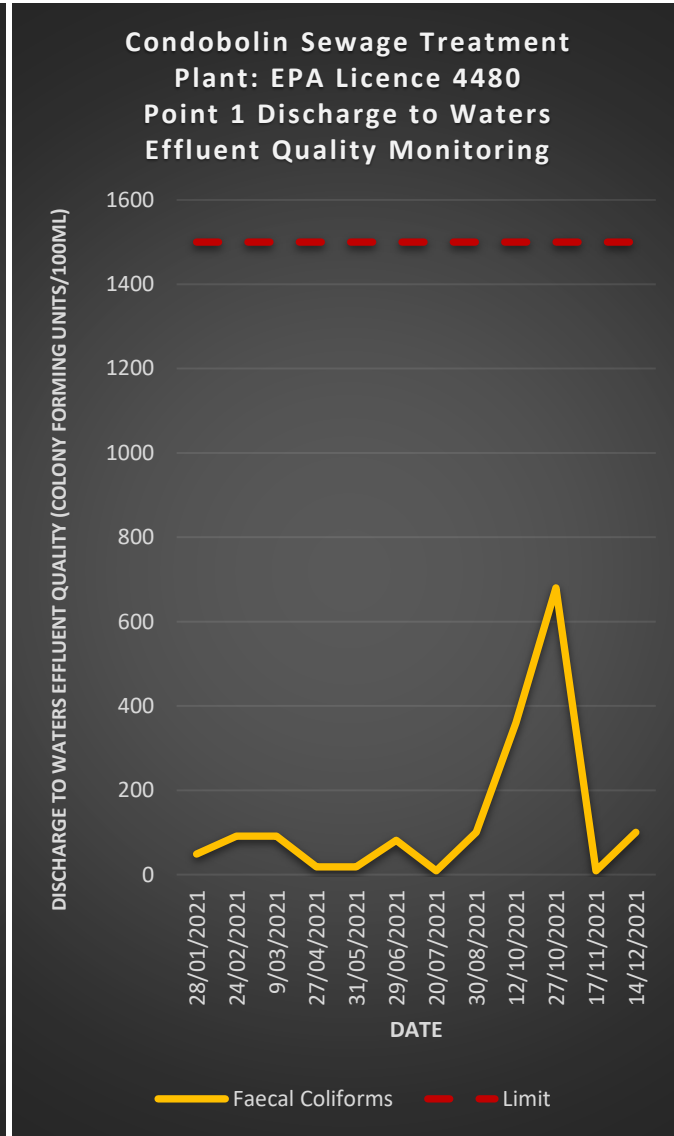
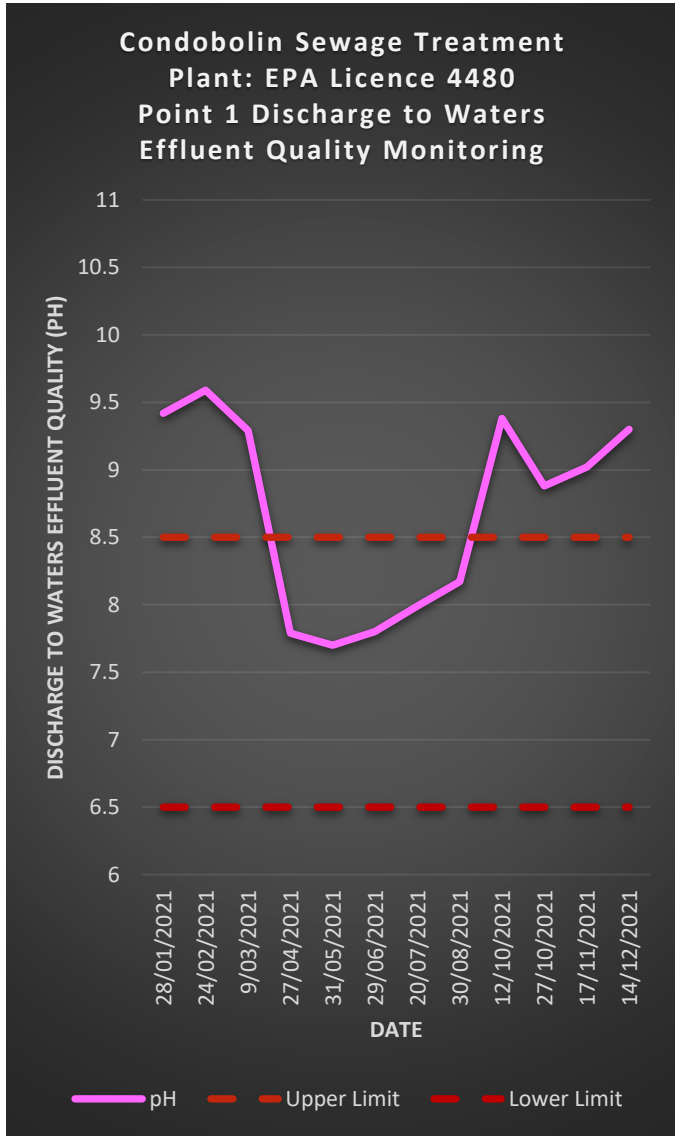
Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

Monitoring frequency as required by licence: Monthly

Limits: 100th Percentile Concentration Limit

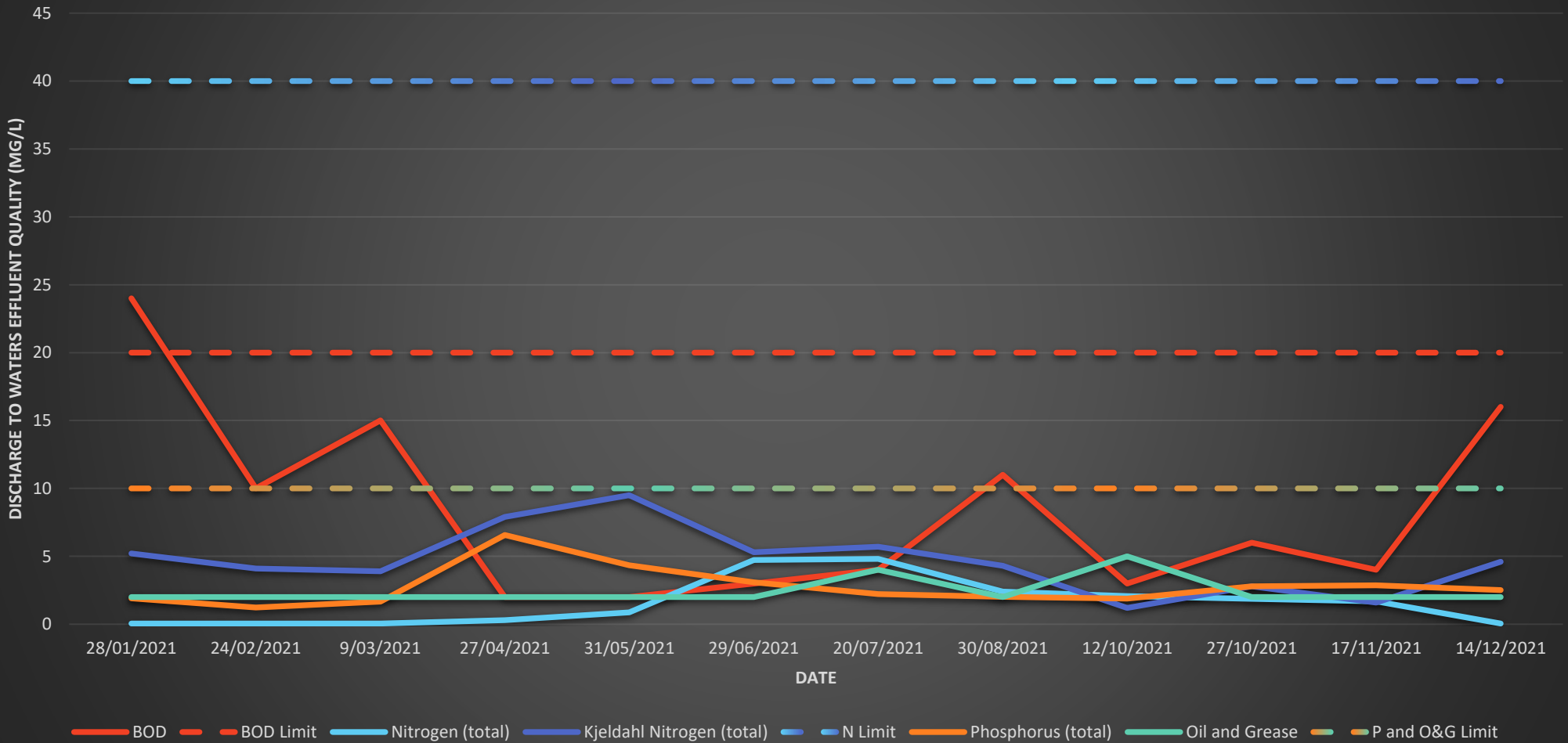
POINT 1 Effluent Quality	Date Sampled		28/01/2021	24/02/2021	09/03/2021	27/04/2021	31/05/2021	29/06/2021	20/07/2021	30/08/2021	12/10/2021	27/10/2021	17/11/2021	14/12/2021
	Date Obtained		04/02/2021	10/03/2021	17/03/2021	10/05/2021	09/06/2021	08/07/2021	02/08/2021	08/09/2021	20/10/2021	04/11/2021	06/12/2021	22/12/2021
	Date Published		09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022	09/02/2022
Pollutant	Unit of Measure	Limit	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
BOD	mg/L	20	24	10	15	<2	2	3	4	11	3	6	4	16
Faecal Coliforms	Colony-forming Units/100mL	1500	~49	~91	~91	~18	~18	~81	<9	~100	~360	~680	~9	~<100
Nitrogen (total)	mg/L	40	<0.05	<0.05	<0.05	0.30	0.88	4.73	4.81	2.40	2.08	1.87	1.68	<0.05
Kjeldahl Nitrogen (total)	mg/L	-	5.2	4.1	3.9	7.9	9.5	5.3	5.7	4.3	1.2	2.8	1.6	4.6
Oil and Grease	mg/L	10	<2	<2	<2	<2	<2	<2	4	<2	<5	<2	<2	<2
pH	pH	6.5-8.5	9.42	9.59	9.29	7.79	7.70	7.80	7.99	8.17	9.38	8.88	9.02	9.30
Phosphorus (total)	mg/L	10	1.90	1.23	1.67	6.57	4.34	3.08	2.21	2.01	1.88	2.80	2.87	2.51
Total Suspended Solids	mg/L	30	100	42	52	12	5	12	16	26	9	14	8	39

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Condobolin Sewage Treatment Plant: EPA Licence 4480
Point 1 Discharge to Waters Effluent Quality Monitoring



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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

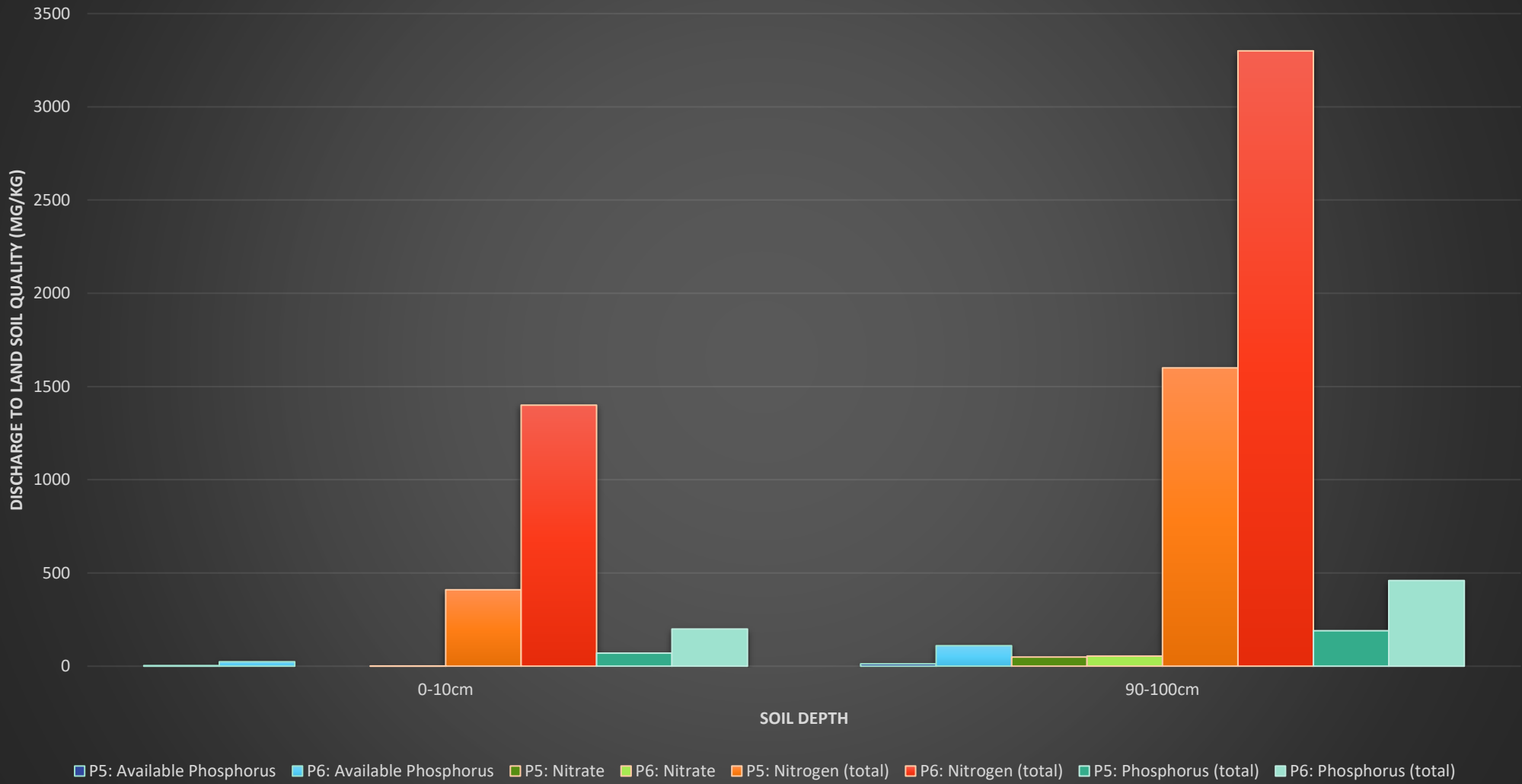
Monitoring frequency as required by licence: Yearly

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

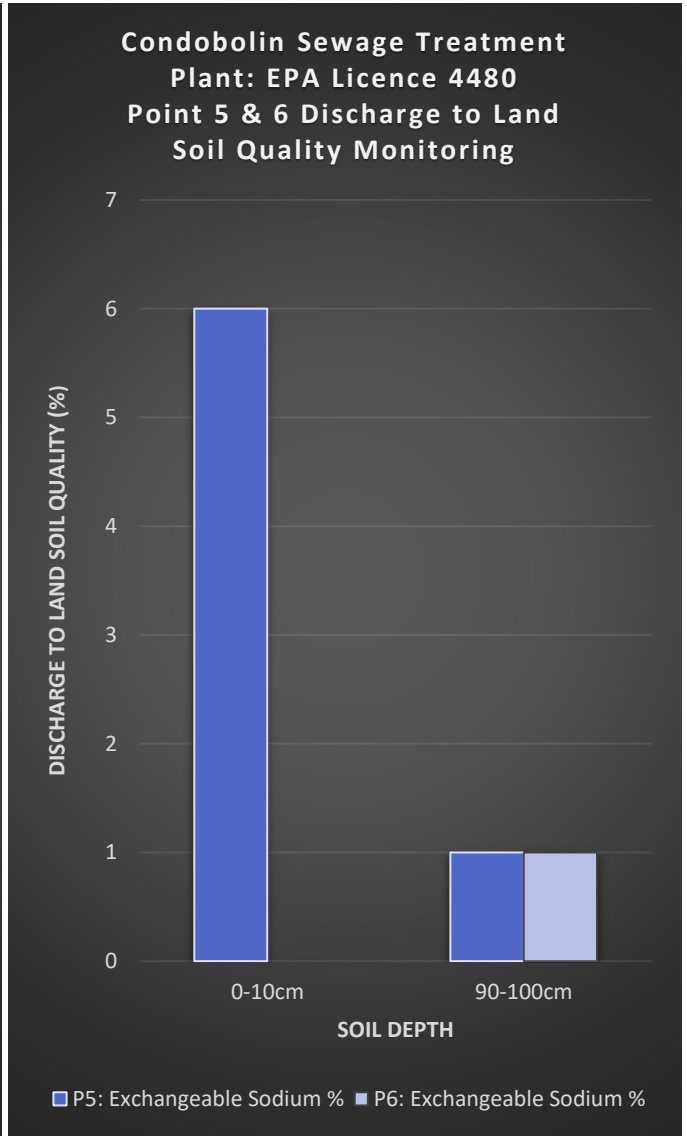
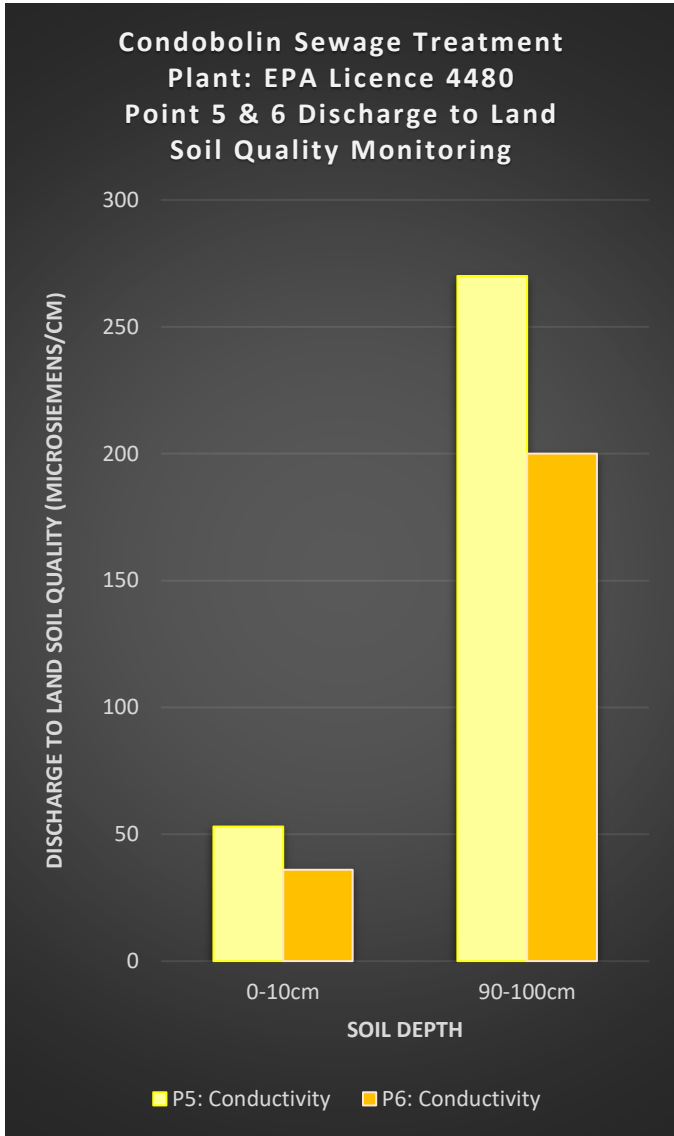
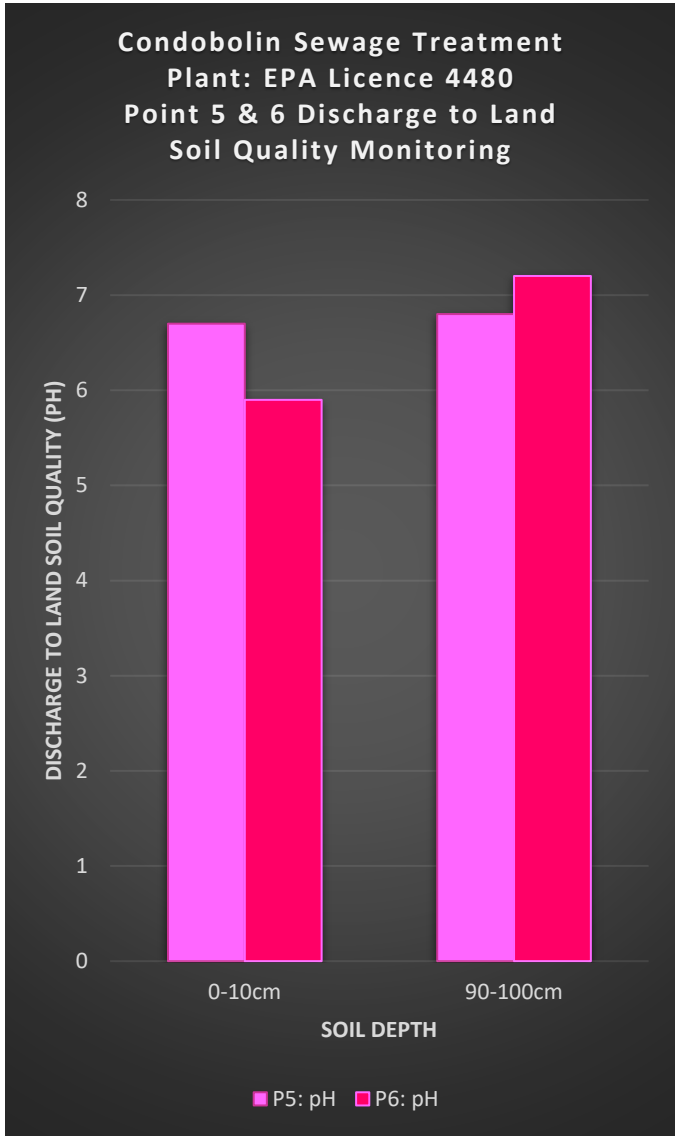
POINT 5 and 6 Soil Quality	Date Sampled		15/06/2021			
	Date Obtained		22/06/2021			
	Date Published		09/02/2022			
Pollutant	Unit of Measure	Limit	Point 5: 0-10cm	Point 5: 90-100cm	Point 6: 0-10cm	Point 6: 90-100cm
Available Phosphorus	mg/kg	-	3	13	24	100
Conductivity	µS/cm	-	53	270	36	200
Exchangeable Sodium %	%	-	6	<1	Not Tested	<1
Nitrate	mg/kg	-	<0.5	49	1	54
Nitrogen (total)	mg/kg	-	410	1,600	1,400	3,300
pH	pH	-	6.7	6.8	5.9	7.2
Phosphorus (total)	mg/kg	-	70	190	200	460

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Point 5 & 6 Discharge to Land Soil Quality Monitoring



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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		
Monitoring Point	Unit of Measure	Limit	Daily Mean Average
Point 1	kL/Day	4500	
Point 2	kL/Day	2000	
Point 3	kL/Day	150	
Point 4	kL/Day		

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		
Monitoring Point	Unit of Measure	Load Limit	Actual Load
BOD	Kg	9,600.00	
Nitrogen (total)	Kg	2,850.00	
Oil and Grease	Kg	500.00	
Phosphorus (total)	Kg	950.00	
Total Suspended Solids	Kg	25,250.00	