

2020 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



2020 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

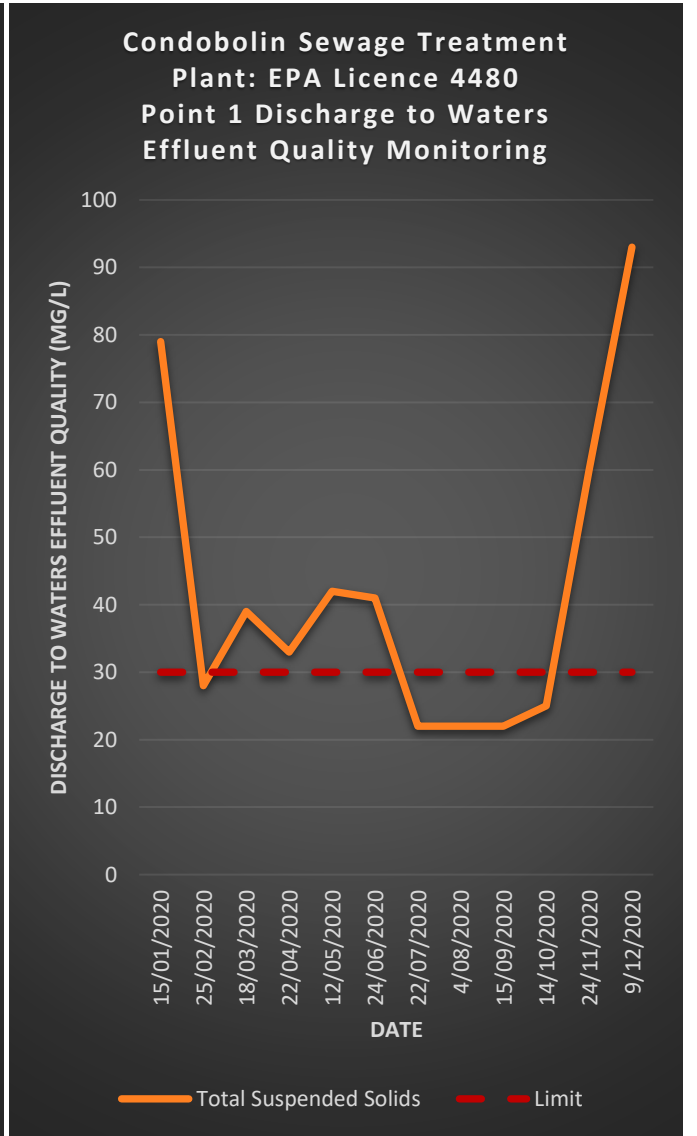
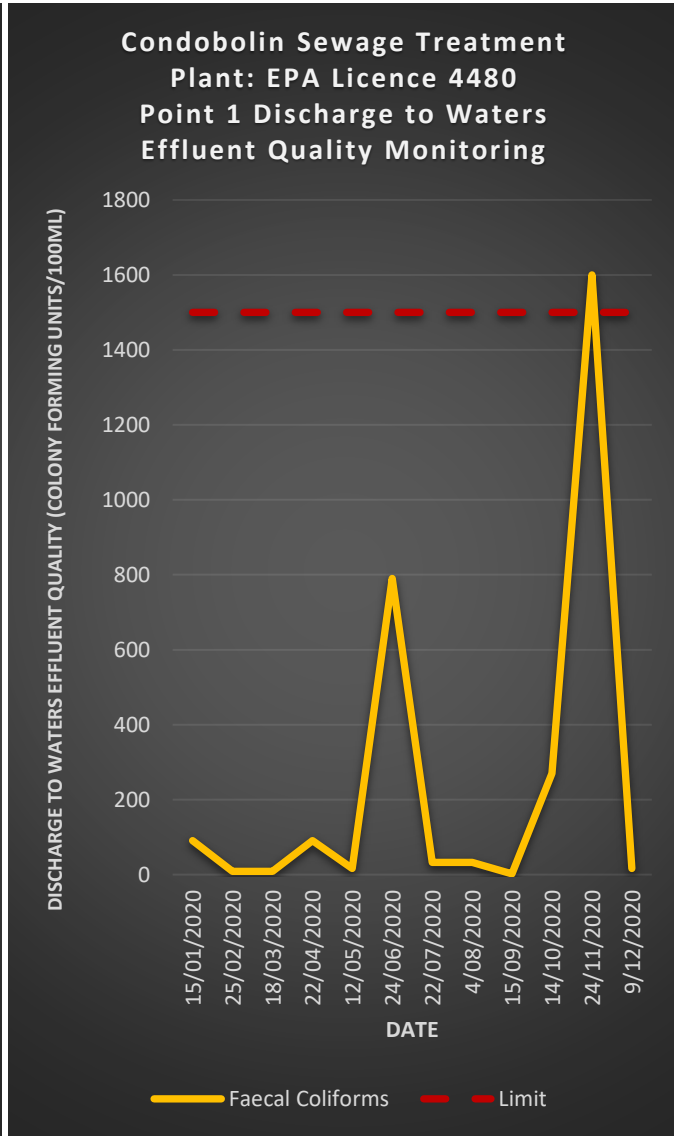
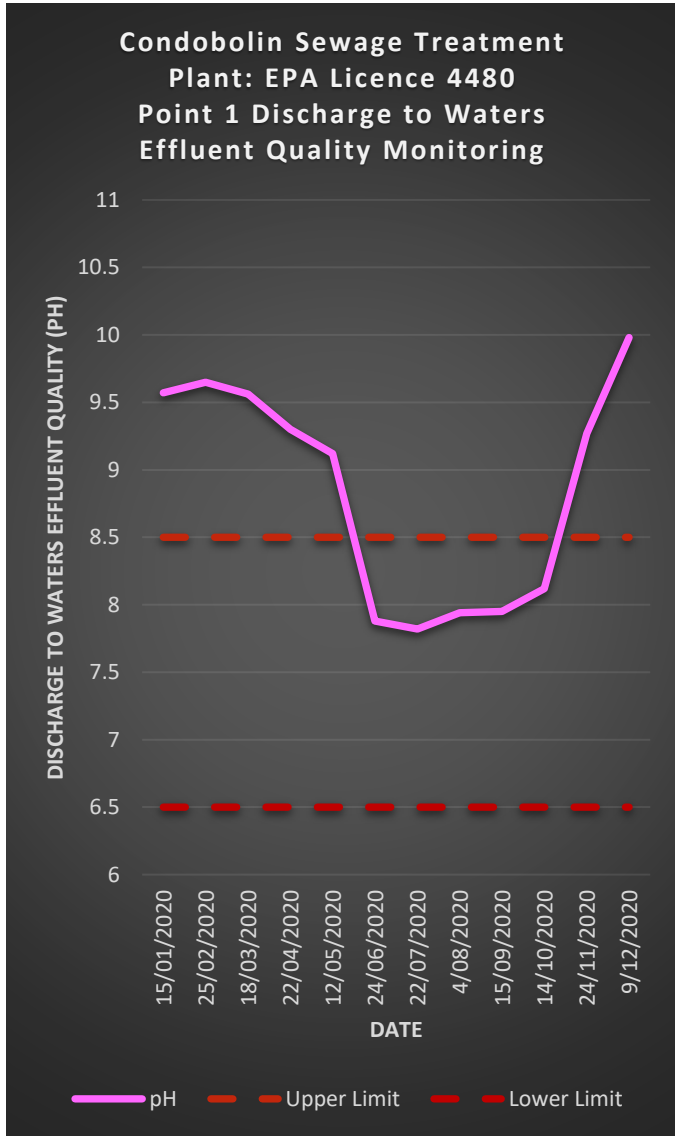
Location: Condobolin Sewage Treatment Plant – Effluent Pond Weir Discharge

Monitoring frequency as required by licence: Monthly

Limits: 100th Percentile Concentration Limit

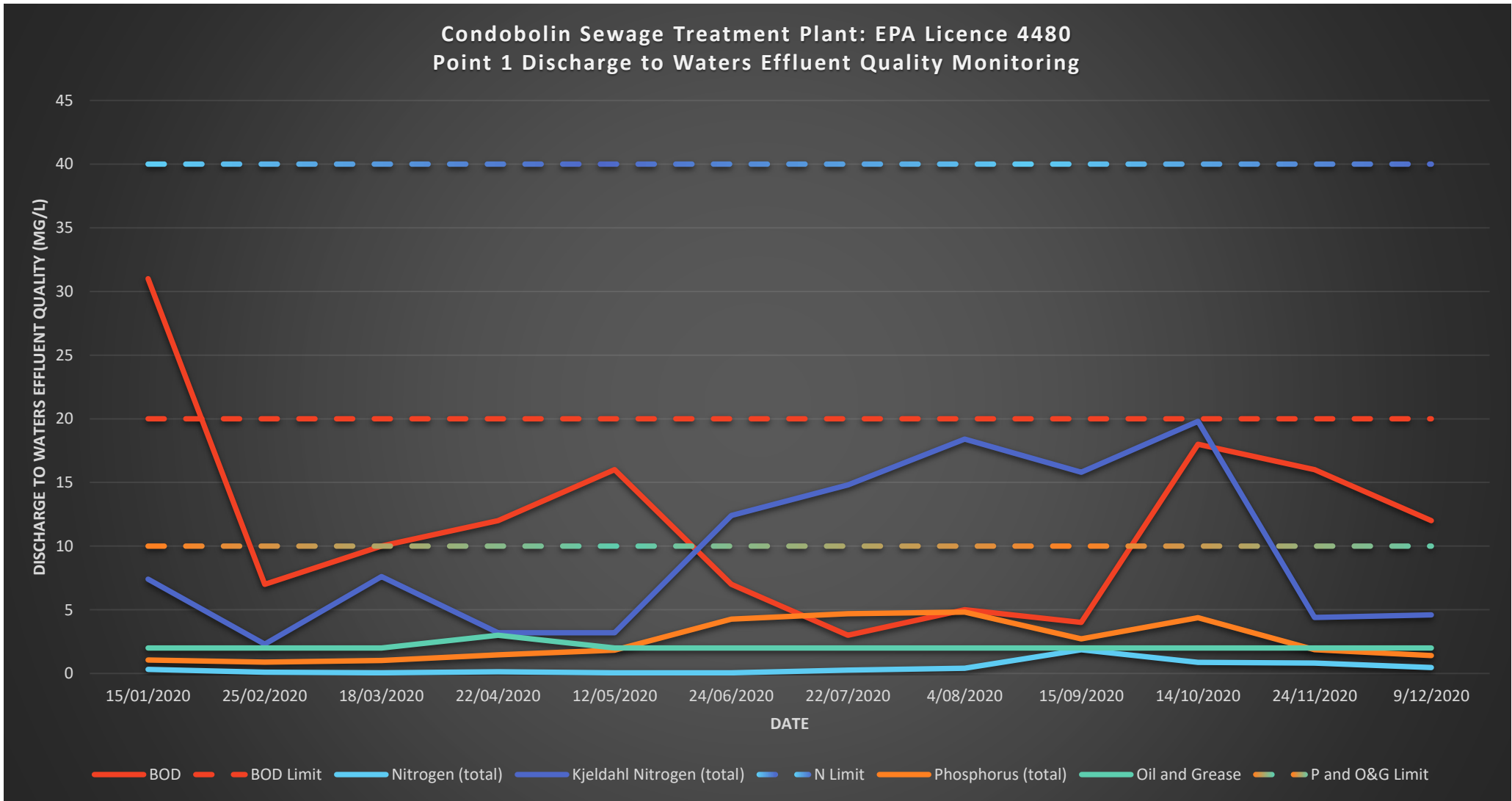
POINT 1 Effluent Quality	Date Sampled		15/01/2020	25/02/2020	18/03/2020	22/04/2020	12/05/2020	24/06/2020	22/07/2020	04/08/2020	15/09/2020	14/10/2020	24/11/2020	09/12/2020
	Date Obtained		28/01/2020	04/03/2020	30/03/2020	30/04/2020	22/05/2020	01/07/2020	03/08/2020	20/08/2020	23/09/2020	22/10/2020	07/12/2020	17/12/2020
	Date Published		04/03/2020	05/03/2020	03/04/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	18/11/2020	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	31	7	10	12	16	7	3	5	4	18	16	12
Faecal Coliforms	Colony-forming Units/100mL	1500	~91	~<9	~9	<91	~<16	790	~33	~33	~2	~270	1600	16
Nitrogen (total)	mg/L	40	0.32	0.09	<0.05	0.14	<0.05	<0.05	0.26	0.41	1.86	0.87	0.82	0.46
Kjeldahl Nitrogen (total)	mg/L	-	7.40	2.3	7.60	3.20	3.20	12.40	14.80	18.40	15.80	19.80	4.40	4.60
Oil and Grease	mg/L	10	<2	<2	<2	3	2	<2	2	2	<2	<2	<2	<2
pH	pH	6.5-8.5	9.57	9.65	9.56	9.30	9.12	7.88	7.82	7.94	7.95	8.12	9.27	9.98
Phosphorus (total)	mg/L	10	1.06	0.89	1.02	1.47	1.83	4.27	4.70	4.82	2.72	4.37	1.86	1.41
Total Suspended Solids	mg/L	30	79	28	39	33	42	41	22	22	22	25	60	93

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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

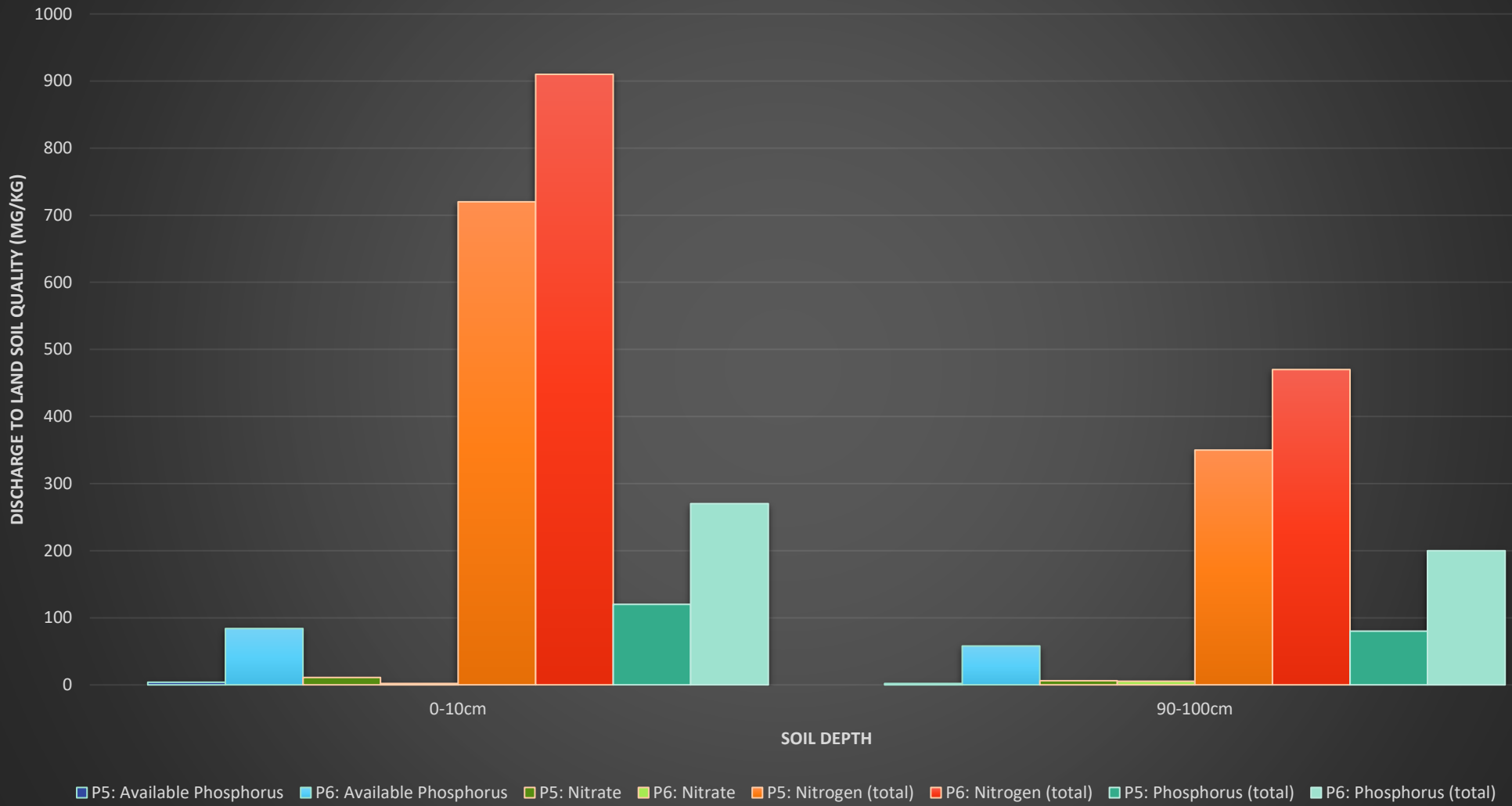
Monitoring frequency as required by licence: Yearly

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

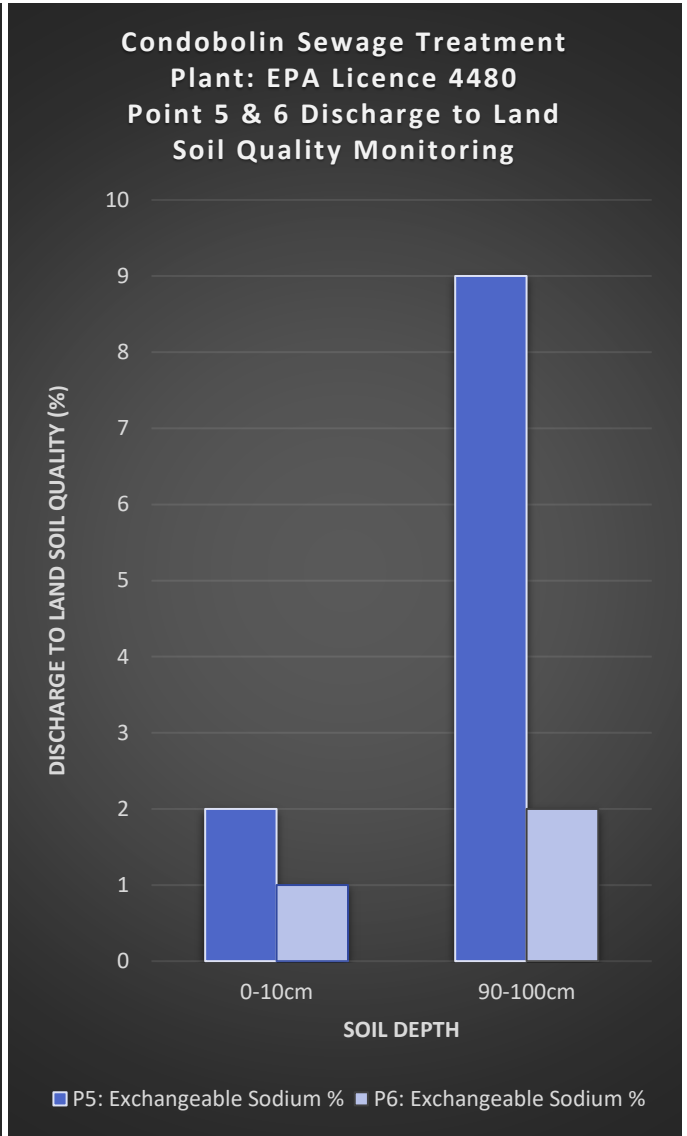
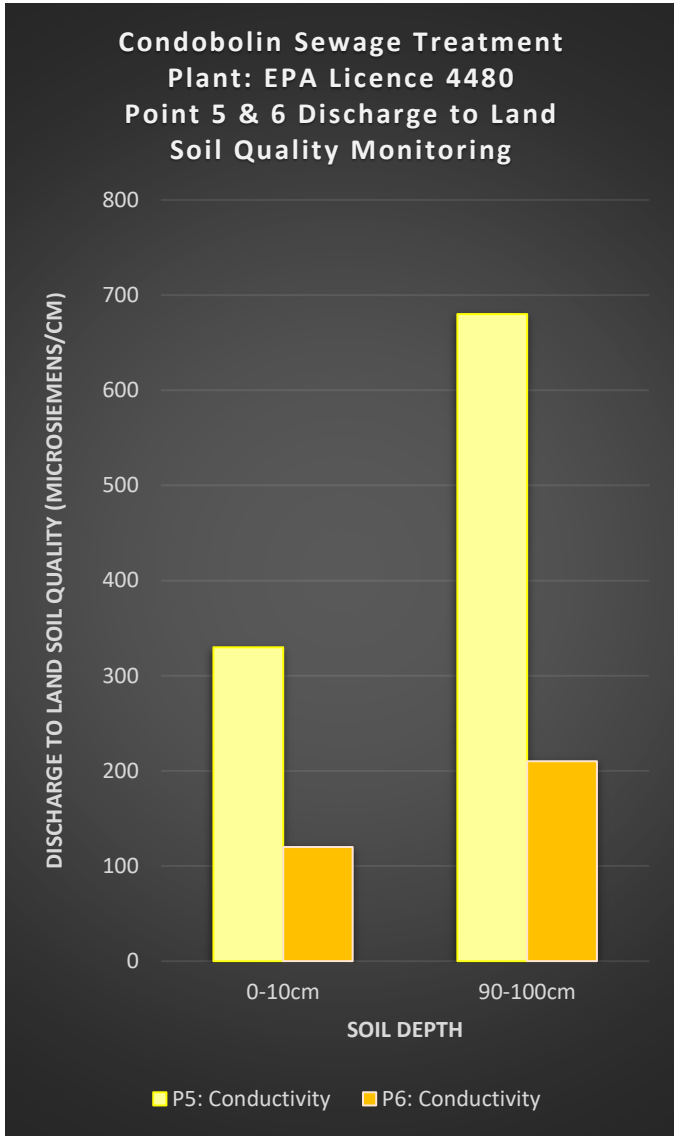
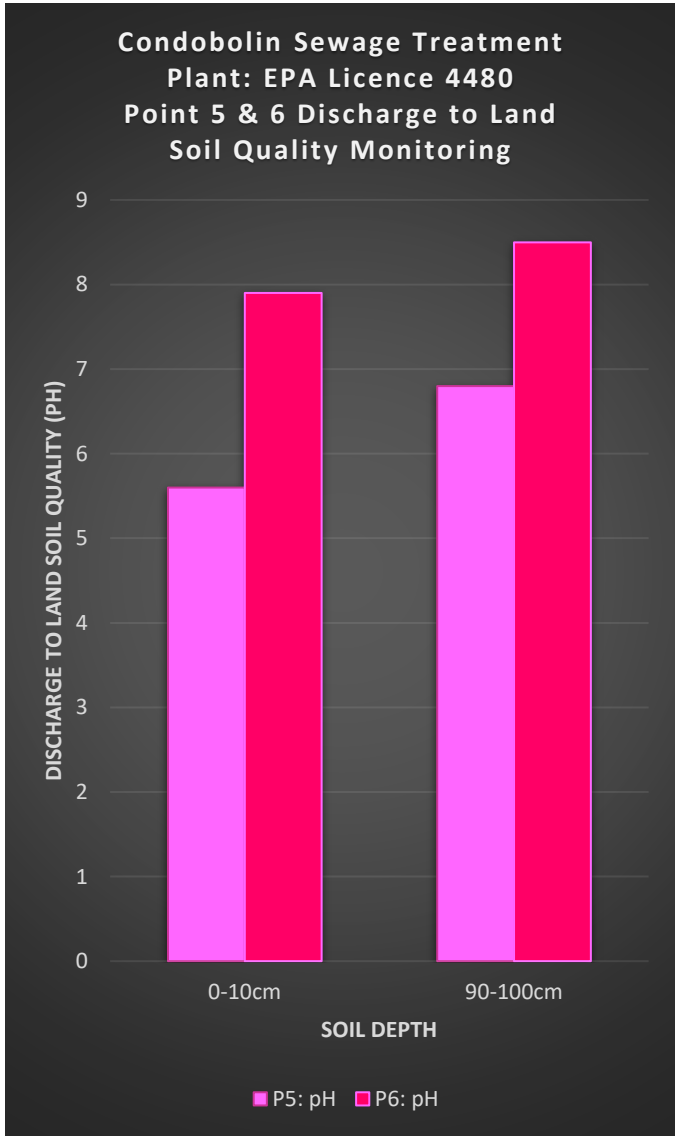
POINT 5 and 6 Soil Quality	Date Sampled		12/05/2020			
	Date Obtained		20/05/2020			
	Date Published		18/11/2020			
Pollutant	Unit of Measure	Limit	Point 5: 0-10cm	Point 5: 90-100cm	Point 6: 0-10cm	Point 6: 90-100cm
Available Phosphorus	mg/kg	-	4	2	84	58
Conductivity	µS/cm	-	330	680	120	210
Exchangeable Sodium %	%	-	2	9	1	2
Nitrate	mg/kg	-	11	6.1	2	5.3
Nitrogen (total)	mg/kg	-	720	350	910	470
pH	pH	-	5.6	6.8	7.9	8.5
Phosphorus (total)	mg/kg	-	120	80	270	200

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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		09/02/2022
Monitoring Point	Unit of Measure	Limit	Daily Mean Average
Point 1	kL/Day	4500	500.9
Point 2	kL/Day	2000	500.9
Point 3	kL/Day	150	500.9
Point 4	kL/Day		1540.5

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	Actual Load
BOD	Kg	9,600.00	3,222.46
Nitrogen (total)	Kg	2,850.00	4,338.51
Oil and Grease	Kg	500.00	388.52
Phosphorus (total)	Kg	950.00	1,158.71
Total Suspended Solids	Kg	25,250.00	11,564.29