

Sussex Inlet Recycling & Waste Facility - 2021 - 2022 EPL Water Monitoring Data

Licencee: Shoalhaven City Council, PO Box 42 Nowra 2541



Surrendered Environmental Protection Licence #5879
Springs Road, Sussex Inlet

SW01

Analyte	Units	Frequency of Monitoring Req'd	# of times measured	Min Value	Mean Value	Median Value	Max Value
Ammonia as N	mg/L	Quarterly	4	0	2.2925	2.31	4.55
Conductivity	uS/cm	Quarterly	4	165	849.25	941	1350
pH	pH units	Quarterly	4	5.3	6.5	6.35	8
Total Dissolved Solids	mg/L	Quarterly	4	123	582.5	711	785

SW02

Analyte	Units	Frequency of Monitoring Req'd	# of times measured	Min Value	Mean Value	Median Value	Max Value
Ammonia as N	mg/L	Quarterly	4	0	0.4075	0.025	1.58
Conductivity	uS/cm	Quarterly	4	83	457.25	273	1200
pH	pH units	Quarterly	4	4.7	6.2	6.1	7.9
Total Dissolved Solids	mg/L	Quarterly	4	95	271.25	144	702

MW01

Analyte	Units	Frequency of Monitoring Req'd	# of times measured	Min Value	Mean Value	Median Value	Max Value
pH	pH units	Quarterly	4	2.6	4.075	4.25	5.2
Conductivity	uS/cm	Quarterly	4	4550	5745	6100	6230
Total Dissolved Solids	mg/L	Quarterly	3	4480	4593.33333	4640	4660
Ammonia as N	mg/L	Quarterly	4	0.34	0.4425	0.37	0.69
Nitrate	mg/L	Quarterly	4	0	0.04	0.015	0.13
Total Phosphorus as P	mg/L	Quarterly	4	0.07	0.3125	0.3	0.58
Total Organic Carbon	mg/L	Quarterly	4	2	2.75	2.5	4

MW02

Analyte	Units	Frequency of Monitoring Req'd	# of times measured	Min Value	Mean Value	Median Value	Max Value
pH	pH units	Quarterly	4	3.8	4.2	4.1	4.8
Conductivity	uS/cm	Quarterly	4	1110	1460	1375	1980
Total Dissolved Solids	mg/L	Quarterly	3	902	1097.33333	1000	1390
Ammonia as N	mg/L	Quarterly	4	0	0.015	0.015	0.03
Nitrate	mg/L	Quarterly	4	0	0.0325	0.02	0.09
Total Phosphorus as P	mg/L	Quarterly	4	0.01	0.0175	0.015	0.03
Total Organic Carbon	mg/L	Quarterly	4	6	8	8.5	9

MW03

Analyte	Units	Frequency of Monitoring Req'd	# of times measured	Min Value	Mean Value	Median Value	Max Value
pH	pH units	Quarterly	4	4.5	5.15	5.25	5.6
Conductivity	uS/cm	Quarterly	4	312	4180.5	5095	6220
Total Dissolved Solids	mg/L	Quarterly	3	1940	3100	2700	4660
Ammonia as N	mg/L	Quarterly	4	0.03	0.1925	0.175	0.39
Nitrate	mg/L	Quarterly	4	0	0.0025	0	0.01
Total Phosphorus as P	mg/L	Quarterly	4	0.07	0.1175	0.125	0.15
Total Organic Carbon	mg/L	Quarterly	4	0	5.25	5.5	10

LD01

Analyte	Units	Frequency of Monitoring Req'd	# of times measured	Jan-21	Feb-22
Ammonia as N	mg/L	Annual	1	1.19	1.68
Electrical Conductivity	uS/cm	Annual	1	1300	1340
Nitrate	mg/L	Annual	1	0.02	0
pH	pH units	Annual	1	7.5	5
Phosphorus (Total)	mg/L	Annual	1	0.17	0.15
Total Dissolved Solids	mg/L	Annual	1	892	783
Total Organic Carbon	mg/L	Annual	1	29	38

Notes:

Total dissolved solids not tested in October quarterly sampling round