

Reason For Exceedence/Comments	No results due to nil discharge	Excessive bird life	Excessive bird life	TBD	No results due to nil discharge	Excessive bird life	Excessive bird life	No results due to nil discharge	No results due to nil discharge	No results due to nil discharge	No results due to nil discharge					
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Monitoring Point 3 -Discharge to utilisation area-Canowindra Golf Club Dam
 No. of samples required by Licence: 2/yr
 No. of times collected and analysed: 2/yr

Monitoring Results-Polutants

Pollutant	08/08/2023 WN2309658-004	04/09/2023 WN2310734-001	11/10/2023 WN2312360-001	07/11/2023 WN2313343-001	4/03/2024 WN2402737-003	Lowest Sample value	Mean Sample value	Highest Sample value	Limits
BOD	8	15	2	3	7	8	2.5	15	30
Nitrogen (total)	3	2.8	5.6	5.6	3.1	2.8	5.6	3	30
Oil & Grease	2	2	2	2	2	2	2	2	10
pH	9.31	9.5	7.75	8.63	8.78	9.31	8.19	9.5	6.5- 8.8
Phosphorus (Total)	3.75	3.38	4.47	4.66	2.68	3.38	4.565	3.75	10
Faecal Coliforms	110	54	120	1	400	54	60.5	1100	600
TSS									50
Sodium Absorption Ratio	2.56	2.58	2.4	2.87	3.14	2.56	2.635	2.58	
Ammonia	0.05	0.05	3.45	1.93	0.7	0.05	2.69	0.05	
Exceedance Yes / No	Y	Y	N	N	N				
Reason for Exceedence	TBD	TBD							

Monitoring Pont 5- Final Maturation Pond
 No. of sample require: 2/year
 No. of sample collected and analysed: 2/Yr

Monitoring Results-Polutants

Pollutant	04/09/2023 WN2310734-002	07/11/2023 WN2313343-005	4/03/2024 WN2402737-004	Lowest Sample value	Mean Sample value	Highest Sample	Limits
BOD	41	15	20	15	28	41	30
pH	9.05	9.03	8.84	8.84	9.04	9.05	6.5-8.5
Nitrogen (total)	25.4	16	7.3	7.3	20.7	25.4	30
Oil & Grease	3	2	2	2	2.5	3	10
Phosphorus (total)	5.21	9.63	5.37	5.21	7.42	5.37	10
Sodium Absorption Ratio	2.77	3.43	2.76	2.76	3.1	3.43	
TSS	51	54	38	38	52.5	54	

Ammonia	11.4	12.4	2.23	2.23	11.9	12.4	
Exceedence (Yes/No)	Y	Y	Y				
Reason for Exceedence							

Monitoring Point 8- Belubula river 100 m d/s of discharge Point 1

No. of samples required by Licence: 1/mo during discharge
No. of times collected and analysed: 8

Monitoring Results-Polutants

Pollutant	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Lowest Sample value	Mean Sample value	Highest Sample value	Limits
		05/06/2023 WN2307067-002	31/07/2023 WN2309359-002	08/08/2023 WN2309658-002			11/10/2023 WN2312360-002	07/11/2023 WN2313343-002				4/03/2024 WN2402737-001				
BOD		2	2	2		3	4				2		2	2.5	4	30
Conductivity		993	850	877		835	1020				933		835	918	1020	
Feacal Coliform		320	110	130		160	160				560		110	240	560	600
Nitrate+Nitrite (oxidised Nitrogen)		0.8	0.64	0.64									0.64	0.6933	0.8	10
Nitrite		0.05				0.05	0.05				0.05		0.05	0.05	0.05	
Nitrate		0.8				0.06	0.37				0.47		0.06	0.425	0.8	
Nitrogen (Total)		1	0.9	1		0.8	0.8				1		0.8	0.9167	1	30
Oil & Grease		2	2	2		2	2				2		2	2	2	10
pH		8.13	8.06	8.05		8.09	8.18				8.11		8.05	8.1033	8.18	6.5-8.5
Phosphorus (Total)		0.07	0.07	0.08		0.09	0.14				0.13		0.07	0.0967	0.14	10
TSS		17	20	16		25	40				30		16	24.667	40	50
Ammonia		0.05	0.1	0.05		0.06	0.05				0.05		0.05	0.06	0.1	
Exceedence Yes / No		N	N	N		N	N				N					
Reason for Exceedence/Comments	No results due to nil discharge				No results due to nil discharge			No results due to nil discharge	No results due to nil discharge	No results due to nil discharge						

Monitoring Point 9- Belubula river 500m u/s of discharge pont 1 at Fisherman's bend

No. of samples required by Licence: When Discharging
No. of times collected and analysed: 1/Mo

Monitoring Results-Polutants

Pollutant	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec	Jan	Feb	Mar	Apr	Lowest Sample value	Mean Sample value	Highest Sample value	Limits
		05/06/2023 WN2307067-003	31/07/2023 WN2309359-003	08/08/2023 WN2309658-003		11/10/2023 WN2312360-003	07/11/2023 WN2313343-003				4/03/2024 WN2402737-002					
BOD		2	2	2		4	4				2		2	2.6667	4	30
Conductivity		987	849	876		832	1020				931		832	915.83	1020	
Faecal Coliforms		280	140	82		100	190				650		82	240.33	650	600
Nitrate+ Nitrite		0.78	0.62	0.64									0.62	0.68	0.78	
Nitrite		0.05				0.05	0.05				0.05		0.05	0.05	0.05	
Nitrate		0.78				0.06	0.37				0.48		0.06	0.4225	0.78	
Nitrogen (Amonia)		0.05	0.12	0.05		0.08	0.05				0.11		0.05	0.0767	0.12	
Nitrogen (Total)		1	0.9	1		0.8	0.9				0.9		0.8	0.9167	1	30
Oil & Grease		3	2	2		2	2				2		2	2.1667	3	10
pH		8.16	8.08	8.07		8.12	8.23				8.12		8.07	8.13	8.23	6.5-8.5
Phosphorus (Total)		0.05	0.05	0.05		0.08	0.11				0.14		0.05	0.08	0.14	10
TSS		15	12	12		21	39				15		12	19	39	50
Sodium Absorption		1.4	1.26										1.26	1.33	1.4	
Exceedance Yes / No		N	N	N		N	N				Y					
Reason for Exceedance/Comments	No results due to nil discharge				No results due to nil discharge			No results due to nil discharge	No results due to nil discharge	No results due to nil discharge						

Monitoring Volume or Mass (Point 1,2 and 4)

Monitoring Point 1-
 No. of samples required by Licence: Daily during discharge
 No. of times collected and analysed: when discharged

Month	Unit of Measure	No of measurements made	Lowest sample value (KL)	Mean sample value(KL)	Highest sample value (KL)
May	KL/Day	5	205	48	265
June	KL/Day	27	228	320	787
July	KL/Day	28	251	358	739
August	KL/Day	30	6	84	282
September	KL/Day	14	217	260	304
October	KL/Day	13	72	256	423
November	KL/Day	0	0	0	0
December	KL/Day	0	0	0	0
January	KL/Day	0	0	0	0
February	KL/Day	0	0	0	0
March	KL/Day	0	0	0	0
April	KL/Day				

		117	0	120.5454545	787
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Monitoring Point 2- d/s of humus tank-daily during discharge

No. of samples required by Licence: Daily
No. of times collected and analysed: Daily

Month	Unit of Measure	No of measurements made	Lowest sample value (KL)	Mean sample value(KL)	Highest sample value (KL)
May	KL/Day	26	285	425	1238
June	KL/Day	29	219	345	519
July	KL/Day	28	297	409	708
August	KL/Day	31	282	337	482
September	KL/Day	30	242	375	638
October	KL/Day	28	234	314	361
November	KL/Day	25	260	333	665
December	KL/Day	28	207	449	1115
January	KL/Day	31	245	475	2504
February	KL/Day	22	225	440	1440
March	KL/Day	25	208	275	360
April	KL/Day				
		303	207	379.7272727	2504