

Pollutant	WN2405545-001 07/05/2024	WN2406780-002 03/06/2024	EN2405999-002 01/07/2024	EN2409455-002 21/08/2024	EN2410250-002 03/09/2024	EN2412052-002 01/10/2024							Lowest Sample value	Mean Sample value	Highest Sample value	Limits
BOD	4	2	3	3	2	2							2	2.6667	4	30
Conductivity	1180	1140	783	490	714	833							490	856.67	1180	
Faecal Coliform	500	100	1600	140	250	190							100	463.33	1600	600
Nitrate+Nitrite (oxidised Nitrogen)													0	#DIV/0!	0	10
Nitrite	0.05	0.05	0.05	0.05	0.05	0.05							0.05	0.05	0.05	
Nitrate	0.34	0.45	0.45	0.45	0.28	0.34							0.28	0.385	0.45	
Nitrogen (Total)	0.6	0.6	1.4	1.5	0.7	0.8							0.6	0.9333	1.5	30
Oil & Grease	2	2	2	2	2	2							2	2	2	10
pH	8.19	8.21	7.99	7.96	8.13	8.1							7.96	8.0967	8.21	6.5-8.5
Phosphorus (Total)	0.05	0.06	0.21	0.09	0.08	0.08							0.05	0.095	0.21	10
TSS	10	8	125	56	11	19							8	38.167	125	50
Ammonia	0.09	0.09	0.08	0.07	0.05	0.05							0.05	0.0717	0.09	
Exceedance Yes / No	N	N	Y	Y	N	N										
Reason for Exceedance/Comments			Continue to monitor	Continue to monitor												

Monitoring Point 9- Belubula river 500m u/s of discharge point 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
	WN2405545-002 07/05/2024	WN2406780-002 03/06/2024	EN2405999-003 01/07/2024	EN2409455-003 21/08/2024	EN2410250-003 03/09/2024	EN2412052-003 01/10/2024										
BOD	2	2	3	3	2	2							2	2.3333	3	30
Conductivity	1180	1130	766	489	719	833							489	852.83	1180	
Faecal Coliforms	350	150	2000	110	220	140							110	495	2000	600
Nitrate+ Nitrite													0	#DIV/0!	0	
Nitrite	0.05	0.05	0.05	0.05	0.05	0.05							0.05	0.05	0.05	
Nitrate	0.33	0.45	0.45	0.44	0.28	0.28							0.28	0.3717	0.45	
Nitrogen (Amonia)	0.05	0.05	0.05	0.05	0.05	0.05							0.05	0.05	0.05	
Nitrogen (Total)	0.6	0.6	1.3	1.4	0.7	0.8							0.6	0.9	1.4	30
Oil & Grease	2	2	2	2	2	2							2	2	2	10
pH	8.13	8.23	8.07	7.99	8.13	8.12							7.99	8.1117	8.23	6.5-8.5
Phosphorus (Total)	0.05	0.05	0.17	0.08	0.06	0.05							0.05	0.0767	0.17	10
TSS	9	8	125	52	13	18							8	37.5	125	50
Sodium Absorption	1.9	1.57	1.34	1.09	1.21	1.25							1.09	1.3933	1.9	
Exceedance Yes / No	N	N	Y	Y	N	N										
Reason for Exceedance/Comments			Continue to monitor	Continue to monitor												

Monitoring Volume or Mass (Point 1 & 2)

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	31	0	122	509
June	KL/Day	29	239	414	901
July	KL/Day	30	227	424	791
August	KL/Day	31	0	196	762
September	KL/Day	29	8	243	426
October	KL/Day	31	0	130	416
November	KL/Day				
December	KL/Day				
January	KL/Day				
February	KL/Day				
March	KL/Day				
April	KL/Day				

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	31	256	344	508
June	KL/Day	29	304	474	853
July	KL/Day	29	222	477	875
August	KL/Day	31	276	441	611
September	KL/Day	29	286	338	562
October	KL/Day	31	248	311	446
November	KL/Day				
December	KL/Day				
January	KL/Day				
February	KL/Day				
March	KL/Day				
April	KL/Day				