LORIS H HASSALL TRADING PTY LTD

EVAPORATION PAN TEST RESULTS 2024-2024

EPA ID LOCATION: 2,3,4,5,6,7,8

EPA LICENSE NUMBER: 12765

Not Tested (NP) No Sample (NS) Reduced Monthly Testing(*) Items in grey are additional testing not required by the EPA licence

ANALYSIS	LIMIT OF RESULTS	EVAPORATION PAN 2													EVAPORATION PAN 3												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE
pH - pH Units	-	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	8.97	NP	NP		NP	NP		NP	NP		NP	8.88
EC (Electrical Conductivity) - µS/cm	5.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	201000	NP	NP		NP	NP		NP	NP		NP	201000.00
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	0.05	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	240	NP	NP		NP	NP		NP	NP		NP	240.00
Total P (Phosphorus) - mg/L	0.01	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	23	NP	NP		NP	NP		NP	NP		NP	23.00
Total N (Nitrogen) - mg/L	0.05	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	240	NP	NP		NP	NP		NP	NP		NP	240.00
Total Suspended Solids - mg/L	1.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	270	NP	NP		NP	NP		NP	NP		NP	490.00
TDS (Total Dissolved Solids) - mg/L	1.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	194000	NP	NP		NP	NP		NP	NP		NP	169500.00
BOD (Biological Oxygen Demand) - mg/L	2.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	4700	NP	NP		NP	NP		NP	NP		NP	3250.00
COD (Chemical Oxygen Demand) - mg/L	2.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	18000	NP	NP		NP	NP		NP	NP		NP	13850.00
Nitrate - mg/L	0.01	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	0.005	NP	NP		NP	NP		NP	NP		NP	0.01
NOx - mg/L	0.01	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	0.015	NP	NP		NP	NP		NP	NP		NP	0.02
Nitrite N - mg/L	0.01	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	0.01	NP	NP		NP	NP		NP	NP		NP	0.01
DEM (Oil & Grease) - mg/L	2.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	2	NP	NP		NP	NP		NP	NP		NP	4.00
Sulphide - mg/L	0.02	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	16.6	NP	NP		NP	NP		NP	NP		NP	16.60
Sulphur (total) - mg/L	0.10	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	340	NP	NP		NP	NP		NP	NP		NP	340.00
Manganese - mg/L	0.01	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	0.12	NP	NP		NP	NP		NP	NP		NP	0.12
Sulphite - mg/L	0.50	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	7	NP	NP		NP	NP		NP	NP		NP	7.00
Chloride - mg/L	2.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	130000	NP	NP		NP	NP		NP	NP		NP	130000.00
Ammonia - mg/L	0.01	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	19	NP	NP		NP	NP		NP	NP		NP	19.00
Sodium - mg/L	1.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	74800	NP	NP		NP	NP		NP	NP		NP	74800.00
Potassium - mg/L	0.20	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	1200	NP	NP		NP	NP		NP	NP		NP	1200.00
Calcium - mg/L	0.10	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	8.9	NP	NP		NP	NP		NP	NP		NP	8.90
Magnesium - mg/L	0.05	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	19	NP	NP		NP	NP		NP	NP		NP	19.00
SAR	0.80	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	3250	NP	NP		NP	NP		NP	NP		NP	3250.00
Sulphate - mg/L	5.00	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP	NP	790	NP	NP		NP	NP		NP	NP		NP	790.00

LORIS H HASSALL TRADING PTY LTD

EVAPORATION PAN TEST RESULTS 2024-2024

EPA ID LOCATION: 2,3,4,5,6,7,8

EPA LICENSE NUMBER: 12765

Not Tested (NP) No Sample (NS) Reduced Monthly Testing(*) Items in grey are additional testing not required by the EPA licence

ANALYSIS	LIMIT OF RESULTS	EVAPORATION PAN 4												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE
pH - pH Units	-	NP	8.63	NP	NP		NP	NP		NP	NP		NP	8.74
EC (Electrical Conductivity) - µS/cm	5.00	NP	202000	NP	NP		NP	NP		NP	NP		NP	202000.00
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	0.05	NP	190	NP	NP		NP	NP		NP	NP		NP	190.00
Total P (Phosphorus) - mg/L	0.01	NP	11	NP	NP		NP	NP		NP	NP		NP	11.00
Total N (Nitrogen) - mg/L	0.05	NP	190	NP	NP		NP	NP		NP	NP		NP	190.00
Total Suspended Solids - mg/L	1.00	NP	360	NP	NP		NP	NP		NP	NP		NP	210.00
TDS (Total Dissolved Solids) - mg/L	1.00	NP	182000	NP	NP		NP	NP		NP	NP		NP	159000.00
BOD (Biological Oxygen Demand) - mg/L	2.00	NP	2700	NP	NP		NP	NP		NP	NP		NP	2000.00
COD (Chemical Oxygen Demand) - mg/L	2.00	NP	16000	NP	NP		NP	NP		NP	NP		NP	12250.00
Nitrate - mg/L	0.01	NP	0.005	NP	NP		NP	NP		NP	NP		NP	0.01
NOx - mg/L	0.01	NP	0.013	NP	NP		NP	NP		NP	NP		NP	0.01
Nitrite N - mg/L	0.01	NP	0.013	NP	NP		NP	NP		NP	NP		NP	0.01
DEM (Oil & Grease) - mg/L	2.00	NP	2	NP	NP		NP	NP		NP	NP		NP	2.00
Sulphide - mg/L	0.02	NP	4.15	NP	NP		NP	NP		NP	NP		NP	4.15
Sulphur (total) - mg/L	0.10	NP	260	NP	NP		NP	NP		NP	NP		NP	260.00
Manganese - mg/L	0.01	NP	0.49	NP	NP		NP	NP		NP	NP		NP	0.49
Sulphite - mg/L	0.50	NP	2	NP	NP		NP	NP		NP	NP		NP	2.00
Chloride - mg/L	2.00	NP	130000	NP	NP		NP	NP		NP	NP		NP	130000.00
Ammonia - mg/L	0.01	NP	56	NP	NP		NP	NP		NP	NP		NP	56.00
Sodium - mg/L	1.00	NP	75600	NP	NP		NP	NP		NP	NP		NP	75600.00
Potassium - mg/L	0.20	NP	740	NP	NP		NP	NP		NP	NP		NP	740.00
Calcium - mg/L	0.10	NP	50	NP	NP		NP	NP		NP	NP		NP	50.00
Magnesium - mg/L	0.05	NP	42	NP	NP		NP	NP		NP	NP		NP	42.00
SAR	0.80	NP	1900	NP	NP		NP	NP		NP	NP		NP	1900.00
Sulphate - mg/L	5.00	NP	620	NP	NP		NP	NP		NP	NP		NP	620.00

ANALYSIS	EVAPORATION PAN 5												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE
pH - pH Units	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
EC (Electrical Conductivity) - µS/cm	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Total P (Phosphorus) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Total N (Nitrogen) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Total Suspended Solids - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
TDS (Total Dissolved Solids) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
BOD (Biological Oxygen Demand) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
COD (Chemical Oxygen Demand) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Nitrate - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
NOx - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Nitrite N - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
DEM (Oil & Grease) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Sulphide - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Sulphur (total) - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Manganese - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Sulphite - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Chloride - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Ammonia - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Sodium - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Potassium - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Calcium - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Magnesium - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
SAR	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP
Sulphate - mg/L	NP	NS	NP	NP		NP	NP		NP	NP		NP	NP

ANALYSIS	EVAPORATION PAN 6												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE
pH - pH Units	NP	8.04	NP	NP		NP	NP		NP	NP		NP	8.09
EC (Electrical Conductivity) - µS/cm	NP	189000	NP	NP		NP	NP		NP	NP		NP	189000.00
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	NP	160	NP	NP		NP	NP		NP	NP		NP	160.00
Total P (Phosphorus) - mg/L	NP	2.7	NP	NP		NP	NP		NP	NP		NP	2.70
Total N (Nitrogen) - mg/L	NP	160	NP	NP		NP	NP		NP	NP		NP	160.00
Total Suspended Solids - mg/L	NP	75	NP	NP		NP	NP		NP	NP		NP	66.50
TDS (Total Dissolved Solids) - mg/L	NP	161000	NP	NP		NP	NP		NP	NP		NP	154500.00
BOD (Biological Oxygen Demand) - mg/L	NP	880	NP	NP		NP	NP		NP	NP		NP	1040.00
COD (Chemical Oxygen Demand) - mg/L	NP	11000	NP	NP		NP	NP		NP	NP		NP	11000.00
Nitrate - mg/L	NP	0.005	NP	NP		NP	NP		NP	NP		NP	0.01
NOx - mg/L	NP	0.015	NP	NP		NP	NP		NP	NP		NP	0.02
Nitrite N - mg/L	NP	0.015	NP	NP		NP	NP		NP	NP		NP	0.02
DEM (Oil & Grease) - mg/L	NP	3	NP	NP		NP	NP		NP	NP		NP	2.50
Sulphide - mg/L	NP	5.19	NP	NP		NP	NP		NP	NP		NP	5.19
Sulphur (total) - mg/L	NP	140	NP	NP		NP	NP		NP	NP		NP	140.00
Manganese - mg/L	NP	0.07	NP	NP		NP	NP		NP	NP		NP	0.07
Sulphite - mg/L	NP	7	NP	NP		NP	NP		NP	NP		NP	7.00
Chloride - mg/L	NP	110000	NP	NP		NP	NP		NP	NP		NP	110000.00
Ammonia - mg/L	NP	67	NP	NP		NP	NP		NP	NP		NP	67.00
Sodium - mg/L	NP	62200	NP	NP		NP	NP		NP	NP		NP	62200.00
Potassium - mg/L	NP	520	NP	NP		NP	NP		NP	NP		NP	520.00
Calcium - mg/L	NP	43	NP	NP		NP	NP		NP	NP		NP	43.00
Magnesium - mg/L	NP	34	NP	NP		NP	NP		NP	NP		NP	34.00
SAR	NP	1720	NP	NP		NP	NP		NP	NP		NP	1720.00
Sulphate - mg/L	NP	530	NP	NP		NP	NP		NP	NP		NP	530.00

ANALYSIS	LIMIT OF RESULTS	NEW EVAPORATION PAN 1												
		Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE
pH - pH Units	-	NP	7.73	NP	NP		NP	NP		NP	NP		NP	
EC (Electrical Conductivity) - µS/cm	5.00	NP	183000	NP	NP		NP	NP		NP	NP		NP	
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	0.05	NP	130	NP	NP		NP	NP		NP	NP		NP	
Total P (Phosphorus) - mg/L	0.01	NP	2.6	NP	NP		NP	NP		NP	NP		NP	
Total N (Nitrogen) - mg/L	0.05	NP	130	NP	NP		NP	NP		NP	NP		NP	
Total Suspended Solids - mg/L	1.00	NP	16	NP	NP		NP	NP		NP	NP		NP	
TDS (Total Dissolved Solids) - mg/L	1.00	NP	161000	NP	NP		NP	NP		NP	NP		NP	
BOD (Biological Oxygen Demand) - mg/L	2.00	NP	1100	NP	NP		NP	NP		NP	NP		NP	
COD (Chemical Oxygen Demand) - mg/L	2.00	NP	4700	NP	NP		NP	NP		NP	NP		NP	
Nitrate - mg/L	0.01	NP	0.005	NP	NP		NP	NP		NP	NP		NP	
NOx - mg/L	0.01	NP	0.01	NP	NP		NP	NP		NP	NP		NP	
Nitrite N - mg/L	0.01	NP	0.01	NP	NP		NP	NP		NP	NP		NP	
DEM (Oil & Grease) - mg/L	2.00	NP	2	NP	NP		NP	NP		NP	NP		NP	
Sulphide - mg/L	0.02	NP	8.3	NP	NP		NP	NP		NP	NP		NP	
Sulphur (total) - mg/L	0.10	NP	150	NP	NP		NP	NP		NP	NP		NP	
Manganese - mg/L	0.01	NP	0.12	NP	NP		NP	NP		NP	NP		NP	
Sulphite - mg/L	0.50	NP	1	NP	NP		NP	NP		NP	NP		NP	
Chloride - mg/L	2.00	NP	110000	NP	NP		NP	NP		NP	NP		NP	
Ammonia - mg/L	0.01	NP	74	NP	NP		NP	NP		NP	NP		NP	
Sodium - mg/L	1.00	NP	61200	NP	NP		NP	NP		NP	NP		NP	
Potassium - mg/L	0.20	NP	480	NP	NP		NP	NP		NP	NP		NP	
Calcium - mg/L	0.10	NP	42	NP	NP		NP	NP		NP	NP		NP	
Magnesium - mg/L	0.05	NP	31	NP	NP		NP	NP		NP	NP		NP	
SAR	0.80	NP	1740	NP	NP		NP	NP		NP	NP		NP	
Sulphate - mg/L	5.00	NP	460	NP	NP		NP	NP		NP	NP		NP	

ANALYSIS	NEW EVAPORATION PAN 2												
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	AVE
pH - pH Units	NP	7.89	NP	NP		NP	NP		NP	NP		NP	7.93
EC (Electrical Conductivity) - µS/cm	NP	192000	NP	NP		NP	NP		NP	NP		NP	183000.00
TKN - N (Total Kjeldahl Nitrogen as N) - mg/L	NP	150	NP	NP		NP	NP		NP	NP		NP	130.00
Total P (Phosphorus) - mg/L	NP	2.9	NP	NP		NP	NP		NP	NP		NP	2.60
Total N (Nitrogen) - mg/L	NP	150	NP	NP		NP	NP		NP	NP		NP	130.00
Total Suspended Solids - mg/L	NP	10	NP	NP		NP	NP		NP	NP		NP	14.00
TDS (Total Dissolved Solids) - mg/L	NP	176000	NP	NP		NP	NP		NP	NP		NP	141000.00
BOD (Biological Oxygen Demand) - mg/L	NP	1200	NP	NP		NP	NP		NP	NP		NP	1100.00
COD (Chemical Oxygen Demand) - mg/L	NP	11000	NP	NP		NP	NP		NP	NP		NP	7150.00
Nitrate - mg/L	NP	0.005	NP	NP		NP	NP		NP	NP		NP	0.01
NOx - mg/L	NP	0.012	NP	NP		NP	NP		NP	NP		NP	0.01
Nitrite N - mg/L	NP	0.012	NP	NP		NP	NP		NP	NP		NP	0.01
DEM (Oil & Grease) - mg/L	NP	2	NP	NP		NP	NP		NP	NP		NP	5.00
Sulphide - mg/L	NP	10.4	NP	NP		NP	NP		NP	NP		NP	8.30
Sulphur (total) - mg/L	NP	200	NP	NP		NP	NP		NP	NP		NP	150.00
Manganese - mg/L	NP	0.09	NP	NP		NP	NP		NP	NP		NP	0.12
Sulphite - mg/L	NP	5	NP	NP		NP	NP		NP	NP		NP	1.00
Chloride - mg/L	NP	110000	NP	NP		NP	NP		NP	NP		NP	110000.00
Ammonia - mg/L	NP	68	NP	NP		NP	NP		NP	NP		NP	74.00
Sodium - mg/L	NP	64800	NP	NP		NP	NP		NP	NP		NP	61200.00
Potassium - mg/L	NP	540	NP	NP		NP	NP		NP	NP		NP	480.00
Calcium - mg/L	NP	43	NP	NP		NP	NP		NP	NP		NP	42.00
Magnesium - mg/L	NP	37	NP	NP		NP	NP		NP	NP		NP	31.00
SAR	NP	1750	NP	NP		NP	NP		NP	NP		NP	1740.00
Sulphate - mg/L	NP	530	NP	NP		NP	NP		NP	NP		NP	460.00