Data range of report	1/04/2024 to 30/06/2024	Rainfall Depth (mm)	236.2

Dam Name **HWD8**

Latest field data			ML
pH		Minimum sensor level	
EC	us/cm	Minimum pump level	
TSS	mg/L	Spillway	
OG	mg/L	Current level	

Notes

In accordance with the approved Water Management Plan, the catchment of HWD9 has been disturbed as part of mine progression and HWD9 is no longer a clean water dam

HWD Recorded Data

Data range of report	1/04/2024 to 30/06/2024	Rainfall Depth (mm)	236.2

Dam Name **HWD9**

Latest field data				ML
pH			Minimum sensor level	
EC	us/cm		Minimum pump level	
TSS	mg/L		Spillway	
OG	mg/L		Current level	

Notes

In accordance with the approved Water Management Plan, the catchment of HWD9 has been disturbed as part of mine progression and HWD9 is no longer a clean water dam

HWD Recorded Data

Data range of report	1/04/2024 to 30/06/2024	Rainfall Depth (mm)	236.2

Dam Name **HWD10**

Latest field data				
pH			Minimum sensor level	
EC	us/cm		Minimum pump level	
TSS	mg/L		Spillway	
OG	mg/L		Current level	

Notes

In accordance with the approved Water Management Plan, the catchment of HWD10 has been disturbed as part of mine progression and HWD10 is no longer a clean water dam

Data range of report	1/04/2024 to 30/06/2024	Rainfall Depth (mm)	236.2

Dam Name **HWD11**

Latest field data				ML
pH			Minimum sensor level	
EC	us/cm		Minimum pump level	
TSS	mg/L		Spillway	
OG	mg/L		Current level	

Notes

In accordance with the approved Water Management Plan, the catchment of HWD11 has been disturbed as part of mine progression and HWD11 is no longer a clean water dam

Data range of report	1/04/2024 to 30/06/2024	Rainfall Depth (mm)	236.2

Dam Name **WCWD**

Latest field data				ML
pH		8.52	Minimum sensor level	0.4
EC	us/cm	2447	Minimum pump level	3.8
TSS	mg/L	0	Spillway	20.0
OG	mg/L	0	Current level	1.1

Notes

7.1 ML of inflows compared to 5.6 ML pumped to site as the water quality exceeded EPL conditions

Latest Photo

Quarterly data									
Date	Rainfall (mm)	Inflow (ML)	Pumped (ML)	Spilled (ML)	Receiving environment (ML)	pH	EC	TSS	Oil and Grease
1/04/2024	0.0	0.0							
2/04/2024	15.0	0.0							
3/04/2024	0.2	0.0							
4/04/2024	18.6	0.0							
5/04/2024	26.4	1.6							
6/04/2024	0.2	0.0							
7/04/2024	0.0	0.0							
8/04/2024	0.2	0.0							
9/04/2024	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0				9.1	3010	8	<5
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	8.2	0.0							
########	1.2	0.0							
########	24.8	0.5							
########	11.2	1.8							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	19.8	0.0							
1/05/2024	0.4	0.0	3.4						
2/05/2024	0.0	0.0							
3/05/2024	0.0	0.0							
4/05/2024	6.0	0.5							
5/05/2024	1.2	0.0							
6/05/2024	0.0	0.0							
7/05/2024	0.0	0.0							
8/05/2024	0.0	0.0							
9/05/2024	0.2	0.0							
########	3.0	0.0							
########	8.6	0.4							
########	0.2	0.0							
########	0.2	0.0				8.73	2370	12	<5
########	0.0	0.0							
########	0.2	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.3							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.2	0.0							
########	0.0	0.0							
########	0.2	0.4							

Date	Rainfall (mm)	Inflow (ML)	Pumped (ML)	Spilled (ML)	Receicing environment (ML)	pH	EC	TSS	Oil and Grease
########	0.0	0.0							
########	19.4	0.0							
1/06/2024	36.6	0.0							
2/06/2024	10.8	0.0							
3/06/2024	0.0	0.0							
4/06/2024	0.2	0.0							
5/06/2024	1.2	0.0	2.2						
6/06/2024	0.2	0.0				8.13	1700	125	<5
7/06/2024	2.4	0.0							
8/06/2024	1.4	0.0							
9/06/2024	0.2	0.0							
########	0.2	0.0							
########	0.0	0.0							
########	0.0	0.6							
########	0.0	0.0							
########	0.0	0.0							
########	0.4	0.0							
########	0.2	0.0							
########	0.0	0.0							
########	0.2	0.0							
########	0.0	0.5							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.0	0.0							
########	0.2	0.4							
########	0.0	0.0				8.52	2447		
########	0.0	0.0							
########	0.0	0.0							
########	16.4	0.0							

Data range of report			1/04/2024 to 30/06/2024			Rainfall Depth (mm)		236.2
Parameter	Unit	Tigger	Upstream					
Discharges								
pH	pH	6.5-8.3						
EC	µS/cm	250						
TDS	mg/L	300						
Oil and Grease	mg/L	10						
Turbidity	NTU	6 to 50						
TSS	mg/L	80						
Alkalinity - Bicabonate	mg/L	124						
Alkalinity - Carbonate	mg/L	1						
Alkalinity - Hydroxide	mg/L	165						
Alkalinity - Total	mg/L	132						
Aluminium	mg/L	3.3						
Ammonia	mg/L	0.05						
Arsenic (As)	mg/L	0.013						
Barium (Ba)	mg/L	1						
Boron	mg/L	0.05						
Bromine	mg/L	0.2						
Cadmium (Cd)	mg/L	0.0002						
Calcium (Ca)	mg/L	20						
Chloride (Cl)	mg/L	20						
Chromium (Cr)	mg/L	0.006						
Copper (Cu)	mg/L	0.007						
Iron (Fe)	mg/L	10						
Lead (Pb)	mg/L	0.0034						
Lithium	mg/L	0.03						
Magnesium (Mg)	mg/L	10						
Manganese (Mn)	mg/L	0.1						
Nickel (Ni)	mg/L	0.011						
Nitrate as N	mg/L	0.7						
Nitrite as N	mg/L	1						
Potassium	mg/L	13						
Ribidium	mg/L	0.008						
Selenium	mg/L	0.01						
Silver	mg/L	0.001						
Sodium (Na)	mg/L	30						
Strontium	mg/L	0.25						
Sulphate (SO_4)	mg/L	10						
Total nitrogen (Total N)	mg/L	1.5						
Total phosphorus (Total P)	mg/L	0.3						
Zinc (Zn)	mg/L	0.03						

Notes

Data range of report			1/04/2024 to 30/06/2024			Rainfall Depth (mm)		236.2
Parameter	Unit	Tigger	Downstream					
Discharges								
pH	pH	6.5-8.3						
EC	µS/cm	250						
TDS	mg/L	300						
Oil and Grease	mg/L	10						
Turbidity	NTU	6 to 50						
TSS	mg/L	80						
Alkalinity - Bicabonate	mg/L	124						
Alkalinity - Carbonate	mg/L	1						
Alkalinity - Hydroxide	mg/L	165						
Alkalinity - Total	mg/L	132						
Aluminium	mg/L	3.3						
Ammonia	mg/L	0.05						
Arsenic (As)	mg/L	0.013						
Barium (Ba)	mg/L	1						
Boron	mg/L	0.05						
Bromine	mg/L	0.2						
Cadmium (Cd)	mg/L	0.0002						
Calcium (Ca)	mg/L	20						
Chloride (Cl)	mg/L	20						
Chromium (Cr)	mg/L	0.006						
Copper (Cu)	mg/L	0.007						
Iron (Fe)	mg/L	10						
Lead (Pb)	mg/L	0.0034						
Lithium	mg/L	0.03						
Magnesium (Mg)	mg/L	10						
Manganese (Mn)	mg/L	0.1						
Nickel (Ni)	mg/L	0.011						
Nitrate as N	mg/L	0.7						
Nitrite as N	mg/L	1						
Potassium	mg/L	13						
Ribidium	mg/L	0.008						
Selenium	mg/L	0.01						
Silver	mg/L	0.001						
Sodium (Na)	mg/L	30						
Strontium	mg/L	0.25						
Sulphate (SO_4)	mg/L	10						
Total nitrogen (Total N)	mg/L	1.5						
Total phosphorus (Total P)	mg/L	0.3						
Zinc (Zn)	mg/L	0.03						

Notes

Data range of report			1/04/2024 to 30/06/2024			Rainfall Depth (mm)		236.2
Parameter	Unit	Tigger	LDP - HWD					
Discharges								
pH	pH	6.5-8.3						
EC	µS/cm	250						
TDS	mg/L	300						
Oil and Grease	mg/L	10						
Turbidity	NTU	6 to 50						
TSS	mg/L	80						
Alkalinity - Bicabonate	mg/L	124						
Alkalinity - Carbonate	mg/L	1						
Alkalinity - Hydroxide	mg/L	165						
Alkalinity - Total	mg/L	132						
Aluminium	mg/L	3.3						
Ammonia	mg/L	0.05						
Arsenic (As)	mg/L	0.013						
Barium (Ba)	mg/L	1						
Boron	mg/L	0.05						
Bromine	mg/L	0.2						
Cadmium (Cd)	mg/L	0.0002						
Calcium (Ca)	mg/L	20						
Chloride (Cl)	mg/L	20						
Chromium (Cr)	mg/L	0.006						
Copper (Cu)	mg/L	0.007						
Iron (Fe)	mg/L	10						
Lead (Pb)	mg/L	0.0034						
Lithium	mg/L	0.03						
Magnesium (Mg)	mg/L	10						
Manganese (Mn)	mg/L	0.1						
Nickel (Ni)	mg/L	0.011						
Nitrate as N	mg/L	0.7						
Nitrite as N	mg/L	1						
Potassium	mg/L	13						
Ribidium	mg/L	0.008						
Selenium	mg/L	0.01						
Silver	mg/L	0.001						
Sodium (Na)	mg/L	30						
Strontium	mg/L	0.25						
Sulphate (SO_4)	mg/L	10						
Total nitrogen (Total N)	mg/L	1.5						
Total phosphorus (Total P)	mg/L	0.3						
Zinc (Zn)	mg/L	0.03						

Notes

Data range of report			1/04/2024 to 30/06/2024			Rainfall Depth (mm)		236.2
Parameter	Unit	Tigger	LDP - WCWD					
Discharges								
pH	pH	6.5-8.3						
EC	µS/cm	250						
TDS	mg/L	300						
Oil and Grease	mg/L	10						
Turbidity	NTU	6 to 50						
TSS	mg/L	80						
Alkalinity - Bicabonate	mg/L	124						
Alkalinity - Carbonate	mg/L	1						
Alkalinity - Hydroxide	mg/L	165						
Alkalinity - Total	mg/L	132						
Aluminium	mg/L	3.3						
Ammonia	mg/L	0.05						
Arsenic (As)	mg/L	0.013						
Barium (Ba)	mg/L	1						
Boron	mg/L	0.05						
Bromine	mg/L	0.2						
Cadmium (Cd)	mg/L	0.0002						
Calcium (Ca)	mg/L	20						
Chloride (Cl)	mg/L	20						
Chromium (Cr)	mg/L	0.006						
Copper (Cu)	mg/L	0.007						
Iron (Fe)	mg/L	10						
Lead (Pb)	mg/L	0.0034						
Lithium	mg/L	0.03						
Magnesium (Mg)	mg/L	10						
Manganese (Mn)	mg/L	0.1						
Nickel (Ni)	mg/L	0.011						
Nitrate as N	mg/L	0.7						
Nitrite as N	mg/L	1						
Potassium	mg/L	13						
Ribidium	mg/L	0.008						
Selenium	mg/L	0.01						
Silver	mg/L	0.001						
Sodium (Na)	mg/L	30						
Strontium	mg/L	0.25						
Sulphate (SO_4)	mg/L	10						
Total nitrogen (Total N)	mg/L	1.5						
Total phosphorus (Total P)	mg/L	0.3						
Zinc (Zn)	mg/L	0.03						

Notes