

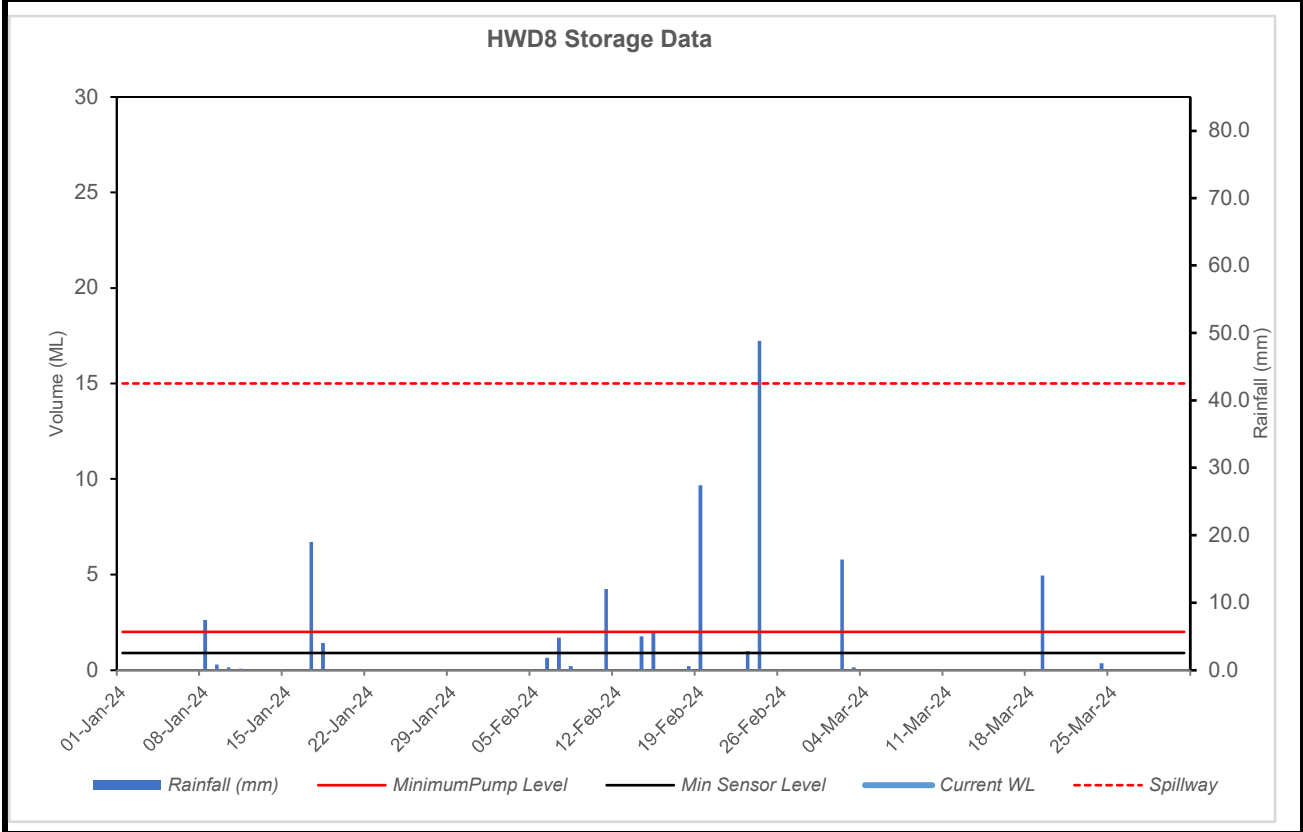
Data range of report	1/01/2024 to 31/04/2024	Rainfall Depth (mm)	173.0
----------------------	-------------------------	---------------------	-------

Dam Name	HWD8
----------	------

Latest field data		ML
pH	Minimum sensor level	0.9
EC	us/cm	2.0
TSS	mg/L	Spillway
OG	mg/L	Current level
		<0.1

<b>Notes</b>	
No Inflows	

**HWD Recorded Data**



**Latest Photo**



Quarterly data									
Date	Rainfall (mm)	Inflow (ML)	Pumped (ML)	Spilled (ML)	Receiving environment (ML)	pH	EC	TSS	Oil and Grease
1/01/2024	0.0	0.0	0.0	0.0	0.0				
2/01/2024	0.0	0.0	0.0	0.0	0.0				
3/01/2024	0.0	0.0	0.0	0.0	0.0				
4/01/2024	0.0	0.0	0.0	0.0	0.0				
5/01/2024	0.0	0.0	0.0	0.0	0.0				
6/01/2024	0.0	0.0	0.0	0.0	0.0				
7/01/2024	0.0	0.0	0.0	0.0	0.0				
8/01/2024	7.4	0.0	0.0	0.0	0.0				
9/01/2024	0.8	0.0	0.0	0.0	0.0				
10/01/2024	0.4	0.0	0.0	0.0	0.0				
11/01/2024	0.2	0.0	0.0	0.0	0.0				
12/01/2024	0.0	0.0	0.0	0.0	0.0				
13/01/2024	0.0	0.0	0.0	0.0	0.0				
14/01/2024	0.0	0.0	0.0	0.0	0.0				
15/01/2024	0.0	0.0	0.0	0.0	0.0				
16/01/2024	0.0	0.0	0.0	0.0	0.0				
17/01/2024	19.0	0.0	0.0	0.0	0.0				
18/01/2024	4.0	0.0	0.0	0.0	0.0				
19/01/2024	0.0	0.0	0.0	0.0	0.0				
20/01/2024	0.0	0.0	0.0	0.0	0.0				
21/01/2024	0.0	0.0	0.0	0.0	0.0				
22/01/2024	0.0	0.0	0.0	0.0	0.0				
23/01/2024	0.0	0.0	0.0	0.0	0.0				
24/01/2024	0.0	0.0	0.0	0.0	0.0				
25/01/2024	0.0	0.0	0.0	0.0	0.0				
26/01/2024	0.0	0.0	0.0	0.0	0.0				
27/01/2024	0.0	0.0	0.0	0.0	0.0				
28/01/2024	0.0	0.0	0.0	0.0	0.0				
29/01/2024	0.0	0.0	0.0	0.0	0.0				
30/01/2024	0.0	0.0	0.0	0.0	0.0				
31/01/2024	0.0	0.0	0.0	0.0	0.0				
1/02/2024	0.0	0.0	0.0	0.0	0.0				
2/02/2024	0.0	0.0	0.0	0.0	0.0				
3/02/2024	0.0	0.0	0.0	0.0	0.0				
4/02/2024	0.0	0.0	0.0	0.0	0.0				
5/02/2024	0.0	0.0	0.0	0.0	0.0				
6/02/2024	1.8	0.0	0.0	0.0	0.0				
7/02/2024	4.8	0.0	0.0	0.0	0.0				
8/02/2024	0.6	0.0	0.0	0.0	0.0				
9/02/2024	0.0	0.0	0.0	0.0	0.0				
10/02/2024	0.0	0.0	0.0	0.0	0.0				
11/02/2024	12.0	0.0	0.0	0.0	0.0				
12/02/2024	0.0	0.0	0.0	0.0	0.0				
13/02/2024	0.0	0.0	0.0	0.0	0.0				
14/02/2024	5.0	0.0	0.0	0.0	0.0				
15/02/2024	5.6	0.0	0.0	0.0	0.0				
16/02/2024	0.0	0.0	0.0	0.0	0.0				
17/02/2024	0.0	0.0	0.0	0.0	0.0				
18/02/2024	0.6	0.0	0.0	0.0	0.0				
19/02/2024	27.4	0.0	0.0	0.0	0.0				
20/02/2024	0.0	0.0	0.0	0.0	0.0				
21/02/2024	0.0	0.0	0.0	0.0	0.0				
22/02/2024	0.0	0.0	0.0	0.0	0.0				
23/02/2024	2.8	0.0	0.0	0.0	0.0				
24/02/2024	48.8	0.0	0.0	0.0	0.0				
25/02/2024	0.0	0.0	0.0	0.0	0.0				
26/02/2024	0.0	0.0	0.0	0.0	0.0				
27/02/2024	0.0	0.0	0.0	0.0	0.0				
28/02/2024	0.0	0.0	0.0	0.0	0.0				



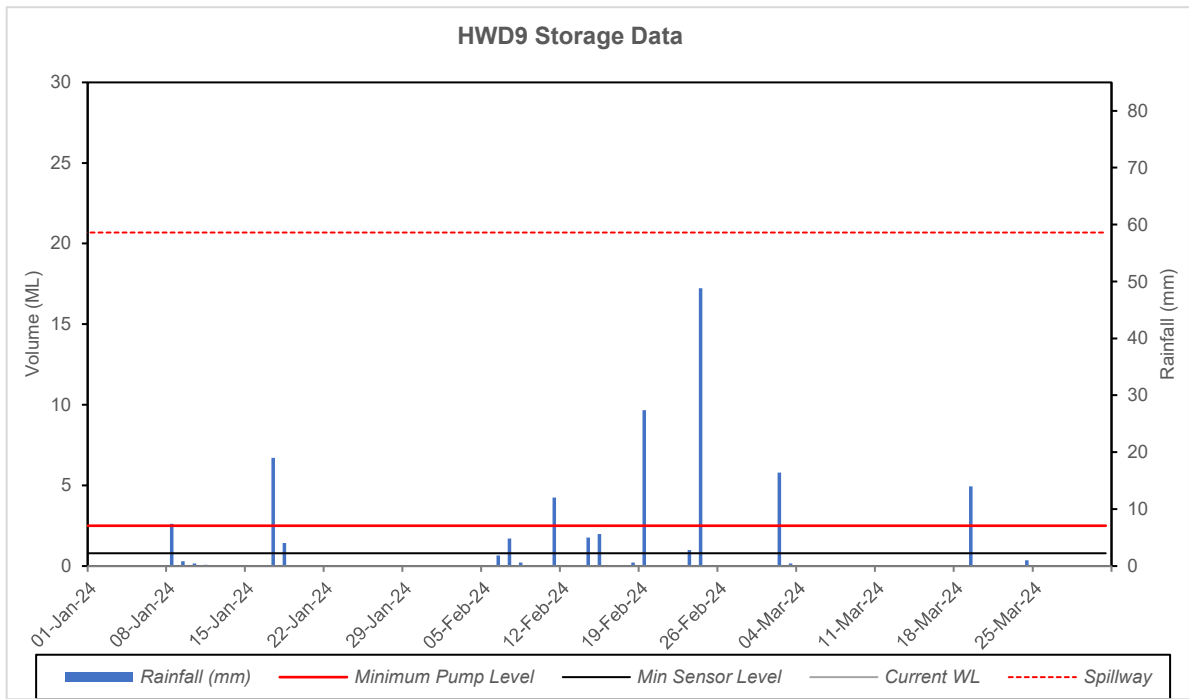
Data range of report	1/01/2024 to 31/04/2024	Rainfall Depth (mm)	173
----------------------	-------------------------	---------------------	-----

Dam Name	HWD9
----------	------

Latest field data			ML
pH		Minimum sensor level	0.8
EC	us/cm	Minimum pump level	2.5
TSS	mg/L	Spillway	20.1
OG	mg/L	Current level	<0.1

Notes
No Inflows

**HWD Recorded Data**



**Latest Photo**



Quarterly data									
Date	Rainfall (mm)	Inflow (ML)	Pumped (ML)	Spilled (ML)	Receiving environment (ML)	pH	EC	TSS	Oil and Grease
1/01/2024	0.0	0.0	0.0	0.0	0.0				
2/01/2024	0.0	0.0	0.0	0.0	0.0				
3/01/2024	0.0	0.0	0.0	0.0	0.0				
4/01/2024	0.0	0.0	0.0	0.0	0.0				
5/01/2024	0.0	0.0	0.0	0.0	0.0				
6/01/2024	0.0	0.0	0.0	0.0	0.0				
7/01/2024	0.0	0.0	0.0	0.0	0.0				
8/01/2024	7.4	0.0	0.0	0.0	0.0				
9/01/2024	0.8	0.0	0.0	0.0	0.0				
10/01/2024	0.4	0.0	0.0	0.0	0.0				
11/01/2024	0.2	0.0	0.0	0.0	0.0				
12/01/2024	0.0	0.0	0.0	0.0	0.0				
13/01/2024	0.0	0.0	0.0	0.0	0.0				
14/01/2024	0.0	0.0	0.0	0.0	0.0				
15/01/2024	0.0	0.0	0.0	0.0	0.0				
16/01/2024	0.0	0.0	0.0	0.0	0.0				
17/01/2024	19.0	0.0	0.0	0.0	0.0				
18/01/2024	4.0	0.0	0.0	0.0	0.0				
19/01/2024	0.0	0.0	0.0	0.0	0.0				
20/01/2024	0.0	0.0	0.0	0.0	0.0				
21/01/2024	0.0	0.0	0.0	0.0	0.0				
22/01/2024	0.0	0.0	0.0	0.0	0.0				
23/01/2024	0.0	0.0	0.0	0.0	0.0				
24/01/2024	0.0	0.0	0.0	0.0	0.0				
25/01/2024	0.0	0.0	0.0	0.0	0.0				
26/01/2024	0.0	0.0	0.0	0.0	0.0				
27/01/2024	0.0	0.0	0.0	0.0	0.0				
28/01/2024	0.0	0.0	0.0	0.0	0.0				
29/01/2024	0.0	0.0	0.0	0.0	0.0				
30/01/2024	0.0	0.0	0.0	0.0	0.0				
31/01/2024	0.0	0.0	0.0	0.0	0.0				
1/02/2024	0.0	0.0	0.0	0.0	0.0				
2/02/2024	0.0	0.0	0.0	0.0	0.0				
3/02/2024	0.0	0.0	0.0	0.0	0.0				
4/02/2024	0.0	0.0	0.0	0.0	0.0				
5/02/2024	0.0	0.0	0.0	0.0	0.0				
6/02/2024	1.8	0.0	0.0	0.0	0.0				
7/02/2024	4.8	0.0	0.0	0.0	0.0				
8/02/2024	0.6	0.0	0.0	0.0	0.0				
9/02/2024	0.0	0.0	0.0	0.0	0.0				
10/02/2024	0.0	0.0	0.0	0.0	0.0				
11/02/2024	12.0	0.0	0.0	0.0	0.0				
12/02/2024	0.0	0.0	0.0	0.0	0.0				
13/02/2024	0.0	0.0	0.0	0.0	0.0				
14/02/2024	5.0	0.0	0.0	0.0	0.0				
15/02/2024	5.6	0.0	0.0	0.0	0.0				
16/02/2024	0.0	0.0	0.0	0.0	0.0				
17/02/2024	0.0	0.0	0.0	0.0	0.0				
18/02/2024	0.6	0.0	0.0	0.0	0.0				
19/02/2024	27.4	0.0	0.0	0.0	0.0				
20/02/2024	0.0	0.0	0.0	0.0	0.0				
21/02/2024	0.0	0.0	0.0	0.0	0.0				
22/02/2024	0.0	0.0	0.0	0.0	0.0				
23/02/2024	2.8	0.0	0.0	0.0	0.0				
24/02/2024	48.8	0.0	0.0	0.0	0.0				
25/02/2024	0.0	0.0	0.0	0.0	0.0				
26/02/2024	0.0	0.0	0.0	0.0	0.0				
27/02/2024	0.0	0.0	0.0	0.0	0.0				
28/02/2024	0.0	0.0	0.0	0.0	0.0				



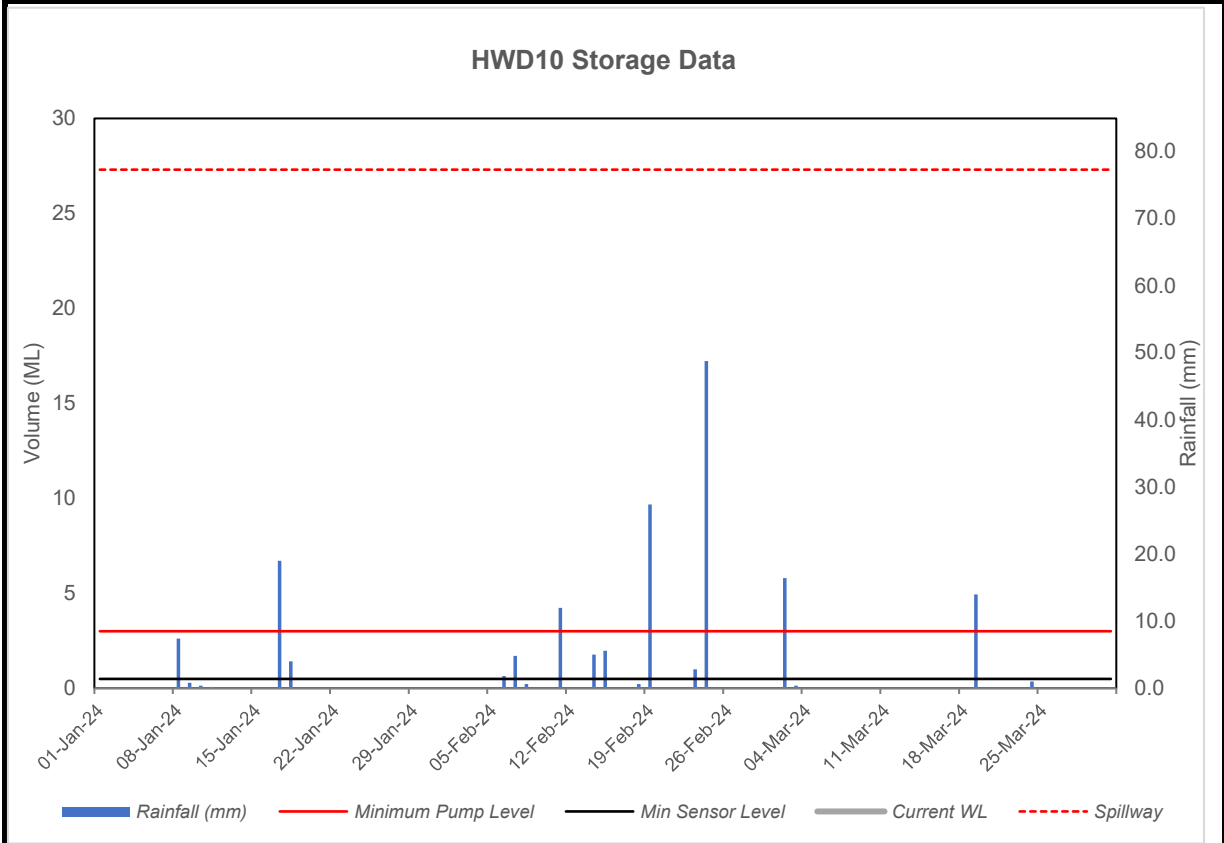
<b>Data range of report</b>	1/01/2024 to 31/04/2024	<b>Rainfall Depth (mm)</b>	<b>173</b>
-----------------------------	-------------------------	----------------------------	------------

<b>Dam Name</b>	<b>HWD10</b>
-----------------	--------------

Latest field data			ML
pH		Minimum sensor level	0.5
EC	us/cm	Minimum pump level	3.0
TSS	mg/L	Spillway	27.3
OG	mg/L	Current level	<0.1

**Notes**

*No Inflows*



**Latest Photo**





Quarterly data									
Date	Rainfall (mm)	Inflow (ML)	Pumped (ML)	Spilled (ML)	Receiving environment (ML)	pH	EC	TSS	Oil and Grease
1/01/2024	0.0	0.0	0.0	0.0	0.0				
2/01/2024	0.0	0.0	0.0	0.0	0.0				
3/01/2024	0.0	0.0	0.0	0.0	0.0				
4/01/2024	0.0	0.0	0.0	0.0	0.0				
5/01/2024	0.0	0.0	0.0	0.0	0.0				
6/01/2024	0.0	0.0	0.0	0.0	0.0				
7/01/2024	0.0	0.0	0.0	0.0	0.0				
8/01/2024	7.4	0.0	0.0	0.0	0.0				
9/01/2024	0.8	0.0	0.0	0.0	0.0				
10/01/2024	0.4	0.0	0.0	0.0	0.0				
11/01/2024	0.2	0.0	0.0	0.0	0.0				
12/01/2024	0.0	0.0	0.0	0.0	0.0				
13/01/2024	0.0	0.0	0.0	0.0	0.0				
14/01/2024	0.0	0.0	0.0	0.0	0.0				
15/01/2024	0.0	0.0	0.0	0.0	0.0				
16/01/2024	0.0	0.0	0.0	0.0	0.0				
17/01/2024	19.0	0.0	0.0	0.0	0.0				
18/01/2024	4.0	0.0	0.0	0.0	0.0				
19/01/2024	0.0	0.0	0.0	0.0	0.0				
20/01/2024	0.0	0.0	0.0	0.0	0.0				
21/01/2024	0.0	0.0	0.0	0.0	0.0				
22/01/2024	0.0	0.0	0.0	0.0	0.0				
23/01/2024	0.0	0.0	0.0	0.0	0.0				
24/01/2024	0.0	0.0	0.0	0.0	0.0				
25/01/2024	0.0	0.0	0.0	0.0	0.0				
26/01/2024	0.0	0.0	0.0	0.0	0.0				
27/01/2024	0.0	0.0	0.0	0.0	0.0				
28/01/2024	0.0	0.0	0.0	0.0	0.0				
29/01/2024	0.0	0.0	0.0	0.0	0.0				
30/01/2024	0.0	0.0	0.0	0.0	0.0				
31/01/2024	0.0	0.0	0.0	0.0	0.0				
1/02/2024	0.0	0.0	0.0	0.0	0.0				
2/02/2024	0.0	0.0	0.0	0.0	0.0				
3/02/2024	0.0	0.0	0.0	0.0	0.0				
4/02/2024	0.0	0.0	0.0	0.0	0.0				
5/02/2024	0.0	0.0	0.0	0.0	0.0				
6/02/2024	1.8	0.0	0.0	0.0	0.0				
7/02/2024	4.8	0.0	0.0	0.0	0.0				
8/02/2024	0.6	0.0	0.0	0.0	0.0				
9/02/2024	0.0	0.0	0.0	0.0	0.0				
10/02/2024	0.0	0.0	0.0	0.0	0.0				
11/02/2024	12.0	0.0	0.0	0.0	0.0				
12/02/2024	0.0	0.0	0.0	0.0	0.0				
13/02/2024	0.0	0.0	0.0	0.0	0.0				
14/02/2024	5.0	0.0	0.0	0.0	0.0				
15/02/2024	5.6	0.0	0.0	0.0	0.0				
16/02/2024	0.0	0.0	0.0	0.0	0.0				
17/02/2024	0.0	0.0	0.0	0.0	0.0				
18/02/2024	0.6	0.0	0.0	0.0	0.0				
19/02/2024	27.4	0.0	0.0	0.0	0.0				
20/02/2024	0.0	0.0	0.0	0.0	0.0				
21/02/2024	0.0	0.0	0.0	0.0	0.0				
22/02/2024	0.0	0.0	0.0	0.0	0.0				
23/02/2024	2.8	0.0	0.0	0.0	0.0				
24/02/2024	48.8	0.0	0.0	0.0	0.0				
25/02/2024	0.0	0.0	0.0	0.0	0.0				
26/02/2024	0.0	0.0	0.0	0.0	0.0				
27/02/2024	0.0	0.0	0.0	0.0	0.0				
28/02/2024	0.0	0.0	0.0	0.0	0.0				





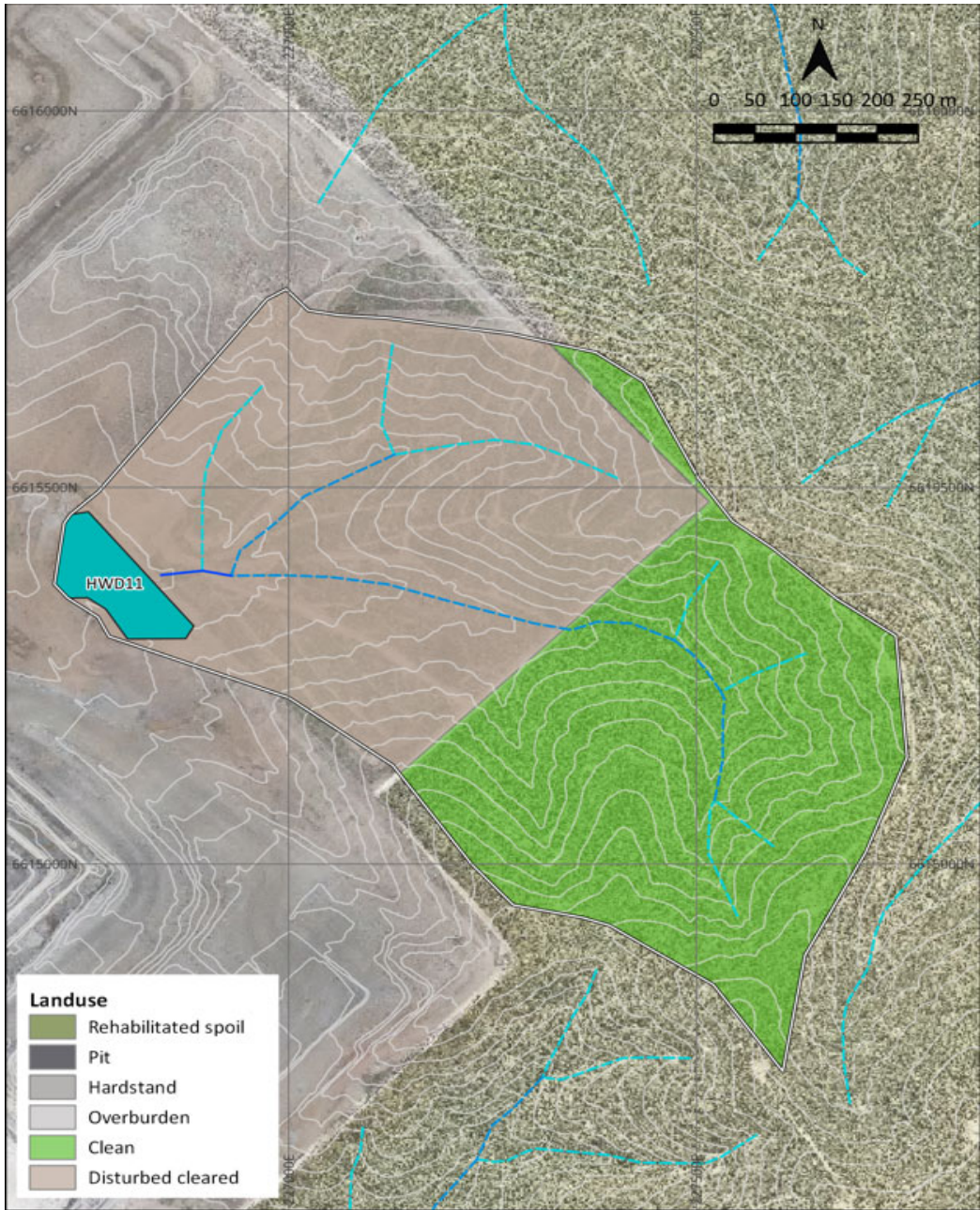
<b>Data range of report</b>	1/01/2024 to 31/04/2024	<b>Rainfall Depth (mm)</b>	<b>173</b>
-----------------------------	-------------------------	----------------------------	------------

<b>Dam Name</b>	<b>HWD11</b>
-----------------	--------------

Latest field data			ML
pH		Minimum sensor level	0.9
EC	us/cm	Minimum pump level	2.0
TSS	mg/L	Spillway	20.1
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*



**Title:** HWD11 2024 Catchment and Landuse Mapping  
**Project:** Maules Creek Coal Mine Highwall Dams

- Legend**
- Mine Water Dam
  - Sediment Dam
  - Raw/Clean Water Dam
  - Catchment
  - Ground contour (5m interval)

- Stream order**
- First order
  - Second order
  - Third order
  - Fourth order
  - Fifth order
  - Sixth order+



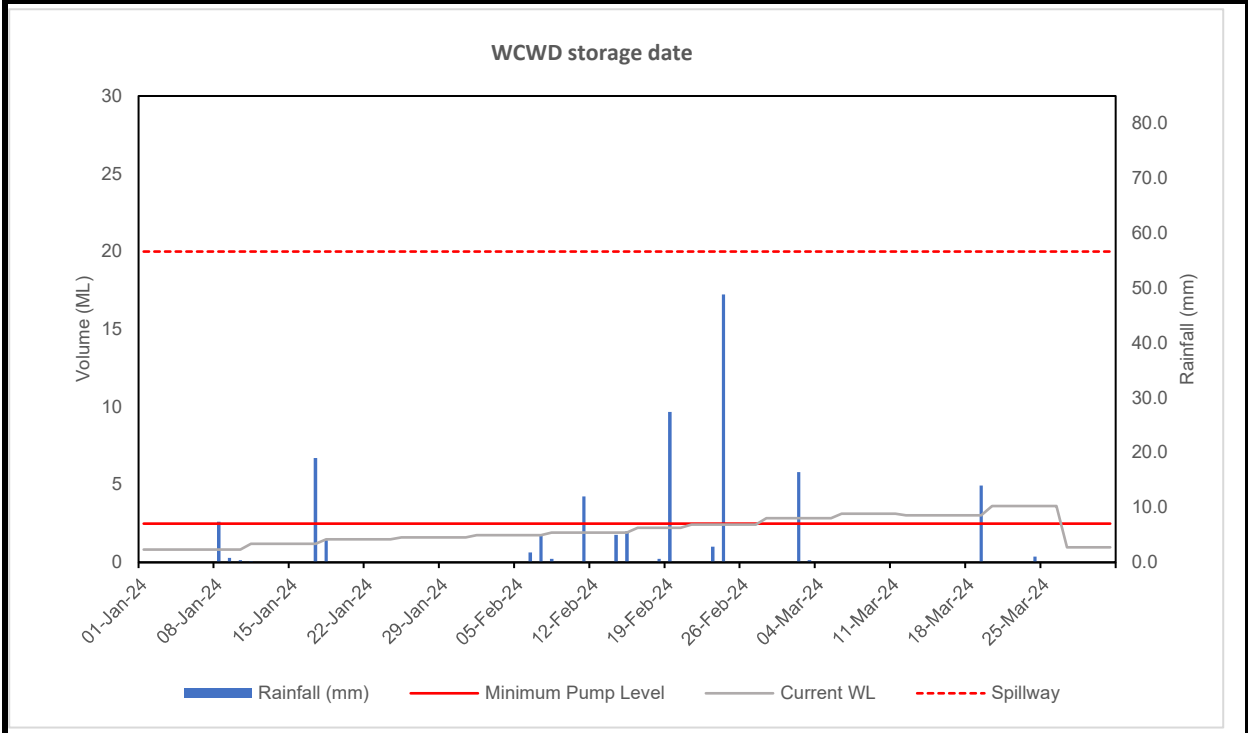
<b>Data range of report</b>	<b>1/01/2024 to 31/04/2024</b>	<b>Rainfall Depth (mm)</b>	<b>173.0</b>
-----------------------------	--------------------------------	----------------------------	--------------

<b>Dam Name</b>	<b>WCWD</b>
-----------------	-------------

Latest field data			ML
<b>pH</b>		8.7	Minimum sensor level
<b>EC</b>	<b>us/cm</b>	3790	Minimum pump level
<b>TSS</b>	<b>mg/L</b>	26	Spillway
<b>OG</b>	<b>mg/L</b>	<5	Current level

**Notes**

2.9 ML of inflows compared to 2.6 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
1/01/2024	0.0		0.0	0.0	0.0				
2/01/2024	0.0		0.0	0.0	0.0				
3/01/2024	0.0		0.0	0.0	0.0				
4/01/2024	0.0		0.0	0.0	0.0				
5/01/2024	0.0		0.0	0.0	0.0				
6/01/2024	0.0		0.0	0.0	0.0				
7/01/2024	0.0		0.0	0.0	0.0				
8/01/2024	7.4		0.0	0.0	0.0				
9/01/2024	0.8		0.0	0.0	0.0				
10/01/2024	0.4		0.0	0.0	0.0				
11/01/2024	0.2	0.4	0.0	0.0	0.0				
12/01/2024	0.0		0.0	0.0	0.0				
13/01/2024	0.0		0.0	0.0	0.0				
14/01/2024	0.0		0.0	0.0	0.0				
15/01/2024	0.0		0.0	0.0	0.0				
16/01/2024	0.0		0.0	0.0	0.0				
17/01/2024	19.0		0.0	0.0	0.0				
18/01/2024	4.0	0.3	0.0	0.0	0.0				
19/01/2024	0.0		0.0	0.0	0.0				
20/01/2024	0.0		0.0	0.0	0.0				
21/01/2024	0.0		0.0	0.0	0.0				
22/01/2024	0.0		0.0	0.0	0.0				
23/01/2024	0.0		0.0	0.0	0.0				
24/01/2024	0.0		0.0	0.0	0.0				
25/01/2024	0.0	0.1	0.0	0.0	0.0				
26/01/2024	0.0		0.0	0.0	0.0				
27/01/2024	0.0		0.0	0.0	0.0				
28/01/2024	0.0		0.0	0.0	0.0				
29/01/2024	0.0		0.0	0.0	0.0				
30/01/2024	0.0		0.0	0.0	0.0				
31/01/2024	0.0		0.0	0.0	0.0				
1/02/2024	0.0	0.1	0.0	0.0	0.0				
2/02/2024	0.0		0.0	0.0	0.0				
3/02/2024	0.0		0.0	0.0	0.0				
4/02/2024	0.0		0.0	0.0	0.0				
5/02/2024	0.0		0.0	0.0	0.0				
6/02/2024	1.8		0.0	0.0	0.0				
7/02/2024	4.8	0.2	0.0	0.0	0.0				
8/02/2024	0.6		0.0	0.0	0.0				
9/02/2024	0.0		0.0	0.0	0.0				
10/02/2024	0.0		0.0	0.0	0.0				
11/02/2024	12.0		0.0	0.0	0.0				
12/02/2024	0.0		0.0	0.0	0.0				
13/02/2024	0.0		0.0	0.0	0.0				
14/02/2024	5.0		0.0	0.0	0.0				
15/02/2024	5.6	0.3	0.0	0.0	0.0				
16/02/2024	0.0		0.0	0.0	0.0				
17/02/2024	0.0		0.0	0.0	0.0				
18/02/2024	0.6		0.0	0.0	0.0				
19/02/2024	27.4	0.2	0.0	0.0	0.0				
20/02/2024	0.0		0.0	0.0	0.0				
21/02/2024	0.0		0.0	0.0	0.0				
22/02/2024	0.0		0.0	0.0	0.0				
23/02/2024	2.8		0.0	0.0	0.0				
24/02/2024	0.4		0.0	0.0	0.0				
25/02/2024	0.0		0.0	0.0	0.0				
26/02/2024	0.0		0.0	0.0	0.0				
27/02/2024	0.0		0.0	0.0	0.0				
28/02/2024	0.0		0.0	0.0	0.0				













