

## Blind River GS Monthly Report – May 2021

### Production

According to the new RGMs unit #1 produced 11,754 kWh in May while unit #2 produced 9,603 kWh in May. But the RGMs only recorded half the month of production due to the date of installation.

According to the SCADA program, unit #1 produced 31,741 kWh while unit #2 produced 27,228.99 kWh in May.

### Downtime

Both units were shut down at the end of May for the summer (low water and no precipitation in forecast).

### Maintenance

- Over 86 hours onsite for cleaning the trash rack, greasing, adjusting mechanical gate, installing the Revenue Grade Meters on both units and on call coverage.
- General cleaning was performed regularly, including disinfecting of high touch points.

### Other Issues

There is still a significant leak under the logs in the bay closest to the mechanical gate. MNR is aware and will be out to reinspect the logs over the next month.

There is a leak in the mechanical gate. The gate was opened and closed to see if there was something stuck in the gate. However, the leak did not go away so the MNR was notified of the leak.

The SCADA program reset to its factory default settings after the RGM install. It took awhile with Gedawin Nova to figure out exactly what happened and to get the Blind River program back. We weren't able to reprogram the unit until June, once everything was turned off.

### Water Management

During this month, the Target Water Level range was from 0.60 to 0.66 and the Compliance Water Level range was from 0.60 to 0.76. We are to stay within these levels from April 1<sup>st</sup> to May 31<sup>st</sup>.

We received no water level complaints in May.

Figure 1 is a graph of the water level from May 1<sup>st</sup> to May 31<sup>st</sup>.

Figure 2 is the chart with the exact water levels and number of logs out (or equivalent). We have tried to stay at or above the upper limit of the target level due to the leak in the dam. MNR is aware.

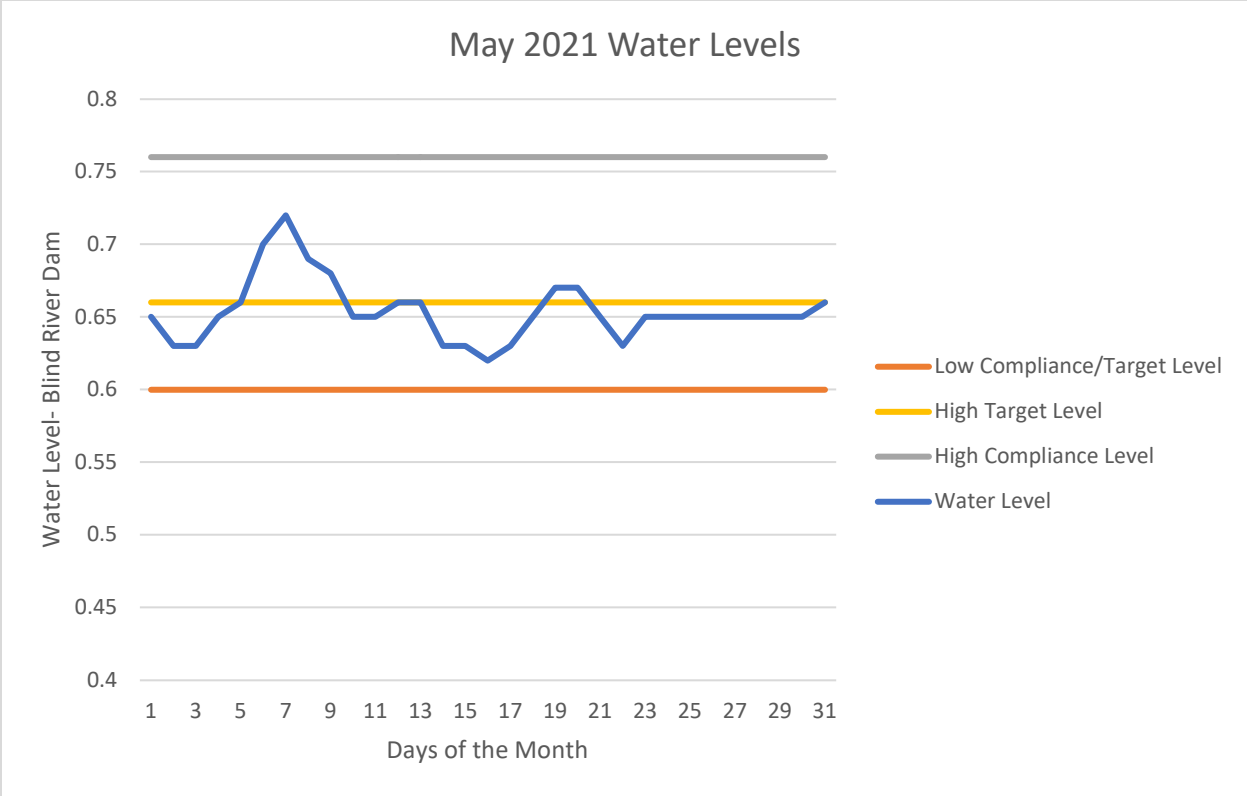


Figure 1: Water Level Graph

# 2021 MONTHLY WATER LEVEL LOG

Generating Station:	Town Dam		Month:	May
			WMP Compliance Range:	.60 to .76 mStaff
Date	Water Level	Ruler	Logs Out & Equivalent Flow	Comments/Actions
May 1, 2021	0.65	557	7.5	
May 2, 2021	0.63	557	7.5	
May 3, 2021	0.63	557	8	20mm rain forecasted
May 4, 2021	0.65	557	8	
May 5, 2021	0.66	557	7	
May 6, 2021	0.7	557	8	
May 7, 2021	0.72	557	9	
May 8, 2021	0.69	557	9	
May 9, 2021	0.68	557	9	
May 10, 2021	0.65	557	8	
May 11, 2021	0.65	557	8	
May 12, 2021	0.66	557	8	
May 13, 2021	0.66	557	5.5	
May 14, 2021	0.63	Dam	8	
May 15, 2021	0.63	557	8	
May 16, 2021	0.62	557	6.5	
May 17, 2021	0.63	557	6	
May 18, 2021	0.65	557	6	
May 19, 2021	0.67	557	8	
May 20, 2021	0.67	557	7	
May 21, 2021	0.65	557	7	
May 22, 2021	0.63	557	5.5	
May 23, 2021	0.65	557	5.5	
May 24, 2021	0.65	557	5.5	
May 25, 2021	0.65	557	5.5	
May 26, 2021	0.65	557	5.5	
May 27, 2021	0.65	557	5.5	
May 28, 2021	0.65	557	5.5	
May 29, 2021	0.65	557	5.5	
May 30, 2021	0.65	557	5.5	
May 31, 2021	0.66	557	0	Turbines shut off and all logs in.

Figure 2: Water Level Chart