

# Blind River GS Monthly Report – January 2023

## Production

Unit #1 (to Town Hall):

RGM: 00.00 kWh

*RGM = Revenue Grade Meter*

Unit #2 (to STP):

RGM: 9,520 kWh

## Downtime

Unit #1 was down for the month.

Unit #2 was down until the 19<sup>th</sup> and then ran until the end of the month.

## Maintenance

Over 58 hours onsite for regular maintenance service, including log pulls required this January and over 27 hours of on call coverage. A summary of the work completed includes:

- 3<sup>rd</sup> – Alarm Test done.
- 6<sup>th</sup> – checked heat trace at powerhouse entrance.
- 18<sup>th</sup> – Unit 2 belt adjustment.
- 25<sup>th</sup> – We were able assess how to remove the metal panels inside the powerhouse to further trace the leakage. Should take about a day to remove the panelling in the summer when dry.
- 27<sup>th</sup> – inspected belt to see if adjustment was needed, but is still tracking well.
- 31<sup>st</sup> – Greased pilot bearing on unit #2.
- Daily checks consisting of daily measurements and records, trash rack cleaning, observations, etc.
- Shovelling was completed regularly.

## Repair Work

Powerhouse:

- We have been able to regulate the temperature of the powerhouse without the exhaust fan, so will look to put budget funding to priorities of more importance.

Unit #1:

- Waiting for maintenance after headgate repairs.

Unit #2:

- None.

## 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 0.71. We are to stay within these ranges from January 1<sup>st</sup> to January 31<sup>st</sup>.

We had 2 days where we were over compliance slightly at the 557, which returned to compliance by the following day each time.

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

Figure 2 is the chart with the exact water levels and number of logs out (or equivalent).

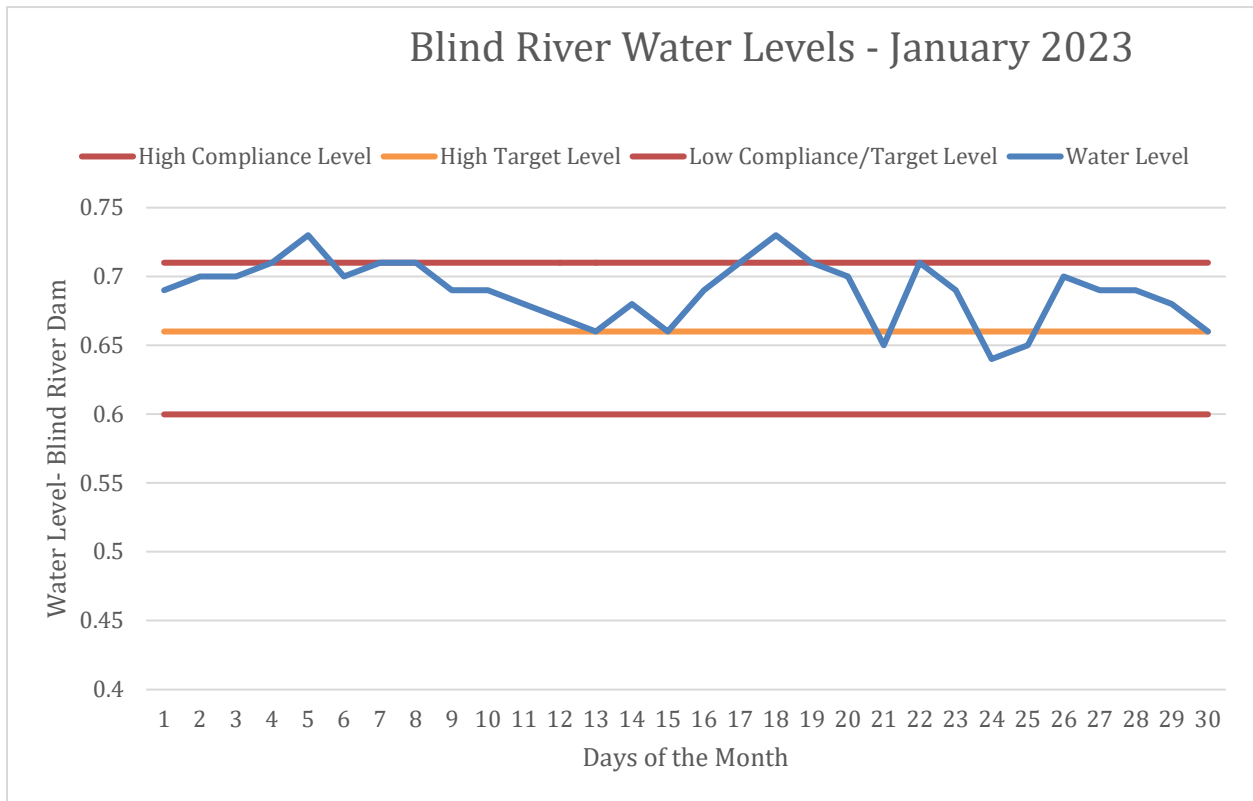


Figure 1: Water Level Graph

<b>Generating Station:</b>	<b>Town Dam</b>		<b>Month:</b>	<b>January</b>
			WMP Compliance Range:	.60 to .71 mStaff
<b>Date</b>	<b>Water Level</b>	<b>Ruler</b>	<b>Logs Out &amp; Equivalent Flow</b>	<b>Comments/Actions</b>
January 1, 2023	0.69	Dam	1.5	
January 2, 2023	0.7	Dam	1.5	
January 3, 2023	0.7	557	0.5	
January 4, 2023	0.71	Dam	1.5	
January 5, 2023	0.73	557	2.5	Water high from snow received overnight due to displacement
January 6, 2023	0.7	Dam	2	
January 7, 2023	0.71	Dam	1.5	
January 8, 2023	0.71	Dam	1.5	
January 9, 2023	0.69	557	2	
January 10, 2023	0.69	557	2	
January 11, 2023	<b>0.68</b>	557	2	
January 12, 2023	0.67	557	5	
January 13, 2023	0.66	Dam	5	
January 14, 2023	0.68	557	5	
January 15, 2023	0.66	Dam	5	
January 16, 2023	0.69	557	5	
January 17, 2023	0.71	557	6	

January 18, 2023	0.73	557	8	Rainfall causing high water
January 19, 2023	0.71	557	10	
January 20, 2023	0.7	557	10	
January 21, 2023	0.65	Dam	11	
January 22, 2023	0.71	557	13	
January 23, 2023	0.69	557	11.5	
January 24, 2023	0.64	Dam	9.5	
January 25, 2023	0.65	557	11.5	
January 26, 2023	0.7	557	11.5	
January 27, 2023	0.69	557	11.5	
January 28, 2023	0.69	557	11.5	
January 29, 2023	0.68	557	11.5	
January 30, 2023	0.66	557	10.5	
January 31, 2023	0.66	557	11	

Figure 2: Water Levels