



November 3, 2021

Blind River GS Monthly Report – September 2021

Production

Unit #1 (to Town Hall):

RGM: 0.00 kWh

RGM = Revenue Grade Meter

Unit #2 (to STP):

RGM: 12,158 kWh

Downtime

Unit #1 remained down for the month.

Unit #2 was down for 10 days (Sept 20 to 29th), due to low water.

Maintenance

- 24 hours of on call coverage. We tried to keep maintenance hours to a minimum at the site this month, so we could allocate some time towards repair labour next month to get the units back up and running. We spent 19.25 hours at the site completing daily checks, pulling and dropping logs, adjusting the mechanical gate, cleaning the trash rack, and vegetation control was done at entrance to dam deck. We will include 10 hours of repair time (valued at \$60/hour) in the maintenance time next month before we start counting billable time.
- General cleaning was performed regularly, including disinfecting of high touch points and shared equipment and tools.
- Monthly H&S check was completed on September 14th.

Other Issues

We attempted to weigh the headgate under force of the river and maxed out the scale at 7000lbs of pressure. We will re-measure when the larger 20 tonne scale is available.

As noted in previous reports there is a significant leak under the logs in the bay closest to the mechanical gate. The MNR was out to inspect and advised us to seal the logs better until we can pull all of the logs in the spring. MNR secured the item they believe is causing the leak and want us to pull it as we pull the logs in the spring.

If the water levels allow this to occur sooner this fall, we may do so.

Also noted in previous reports, there is a leak in the mechanical gate. The MNR was out to inspect the gate and they advised us that the obstruction appears to be a rock and that it should clear over time (expected to clear with freshet when gate is opened all the way).

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 0.66. We are to stay within these levels from June 1st to September 30th. We dropped under compliance from September 18th to 21st as flows from upstream had also slowed down. We did not run the generator while we recovered our water level.

We received no water level complaints in September.

Figure 1 is a graph of the water level from September 1st to September 30th.

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

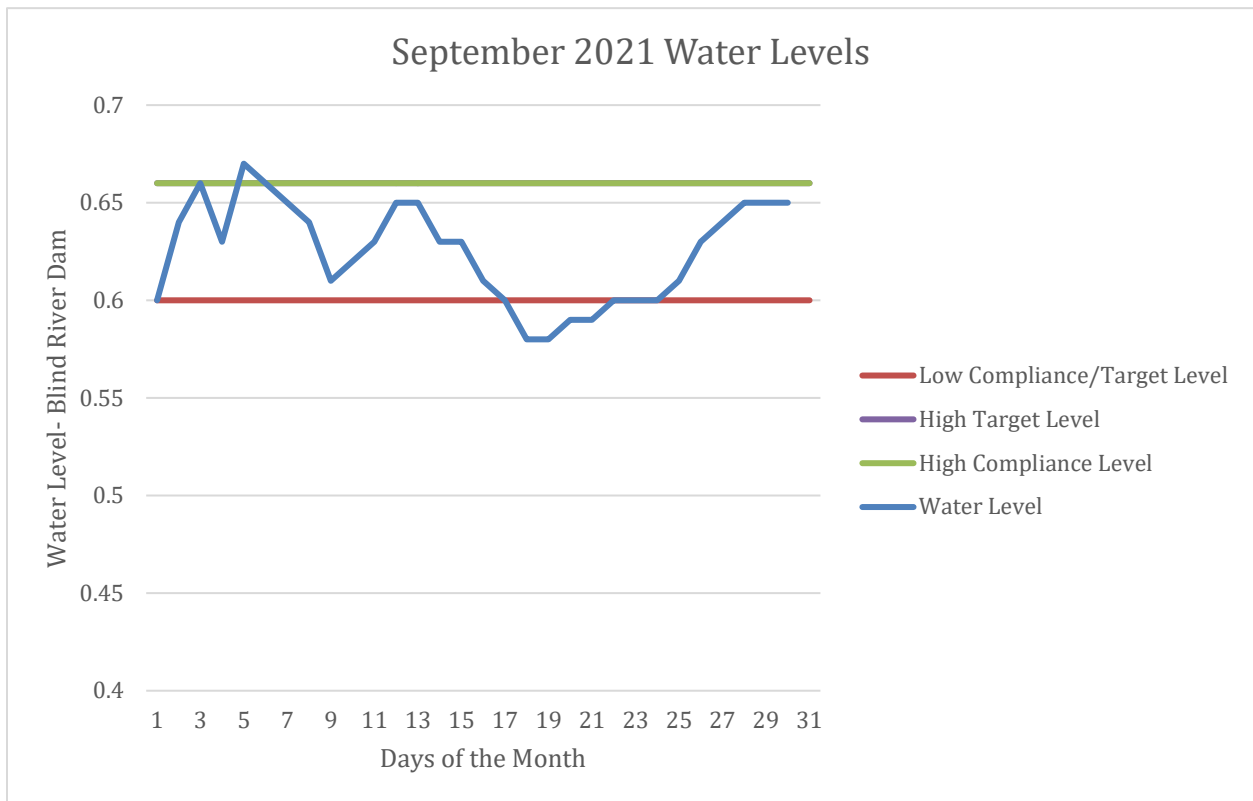


Figure 1: Water Level Graph

2021 MONTHLY WATER LEVEL LOG

Generating Station:	Town Dam		Month:	September
			WMP Compliance Range:	.60 to .66 mStaff
Date	Water Level	Ruler	Logs Out & Equivalent Flow	Comments/Actions
September 1, 2021	0.6	557	2	
September 2, 2021	0.64	557	2	
September 3, 2021	0.66	557	3	
September 4, 2021	0.63	Dam	4	
September 5, 2021	0.67	557	4	in compliance at dam
September 6, 2021	0.66	Dam	0	
September 7, 2021	0.65	557	0	
September 8, 2021	0.64	557	0	
September 9, 2021	0.61	557	0	
September 10, 2021	0.62	557	0	
September 11, 2021	0.63	557	0	
September 12, 2021	0.65	557	0	
September 13, 2021	0.65	557	0	
September 14, 2021	0.63	557	2	
September 15, 2021	0.63	557	2	

September 16, 2021	0.61	557	2	
September 17, 2021	0.6	557	2	
September 18, 2021	0.58	557	0	
September 19, 2021	0.58	557	0	
September 20, 2021	0.59	557	0	
September 21, 2021	0.59	557	0	
September 22, 2021	0.6	Dam	0	
September 23, 2021	0.6	557	0	
September 24, 2021	0.6	Dam	0	
September 25, 2021	0.61	557	0	
September 26, 2021	0.63	557	0	
September 27, 2021	0.64	557	0	
September 28, 2021	0.65	557	0	
September 29, 2021	0.65	557	0	
September 30, 2021	0.65	557	2	

Figure 2: Water Level Chart