

# ANNUAL SUMMARY 2017

## RECORD OF FLOWS BELOW 2.2CMS

DATE	TIME	DURATION	REASON	REMEDY
1/12	11:06am	4 min	Power outage in the area caused sudden shut down of station, which caused large ice to come in to racks upon restart. This caused a few short instances where units took too much water, causing low flows.	Units adjusted manually and leveled out.
1/31	9:50am	15 min	We made adjustments to our turbine blade position transducer. To do this we had to run units at full capacity for short time.	Once calibration was completed, minimum flow was restored.
2/16	3:30pm	35 min	Ice jam upstream caused sudden drop in flow. Units didn't adjust quickly enough.	Units did adjust and flow was restored.
2/22	6:25am	32 min	Large ice in intake caused issues with sensor.	Racks were cleaned and flow was restored.
3/4	9:25am	11 min	Large chunks of ice and frazil caused issues with proper regulation of output.	Operators cleared frazil and unit adjusted automatically.
5/31	11:35am	34 min	Software issue with headpond sensor offset.	Offset was manually adjusted and flow was restored.
8/8	2:19pm 5:21pm	51 min 1h 50 min	Monitoring equipment upgrades completed, units left on wrong setting (gate control).	Units were switched to Pond Control mode and flows were restored.
8/30	10:43am	2h 22 min	Lowered water level for environmental survey	Water level restored after survey completed.
10/13	9:43am	1h 44 min	Lowered water level for dam owener in North Channel to remove debris from stop log bay.	Water level restored after work completed.
10/25	9:31am	2h 21 min	Water was lowered to change out logs in our stoplog bay.	Water level restored after work completed.
10/26	9:39am	3h 20 min	Water lowered to complete changing of logs in our bywash	Water level restored after work completed.
12/27	6:46am	2h 49 min	Frazil ice caused issues in the intake.	Ice was cleared manually from the intake and flows were restored.
12/30	10:30pm	1h 1 min	Frazil ice caused issues.	Ice was cleared and settings were manually adjusted, after which flows were restored.