

## //Case Study

### Protecting Water Resources: One initiative at a time

Water is essential to our business and fills 95% of our finished beer products. DB has a strong focus on water stewardship and the efficient use of water at our sites and we are increasingly pursuing the same goals with our suppliers in New Zealand through our sustainable sourcing program.

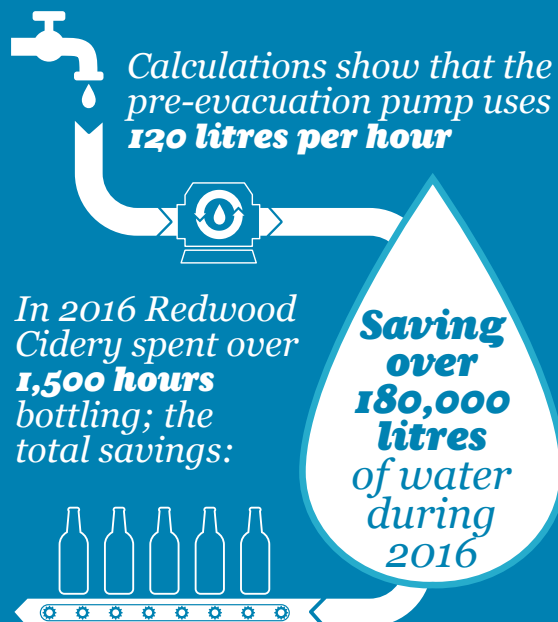
Redwood Cidery, based just out of Nelson, put the responsibility of water protection on all their staff and challenged team members to find new ways to improve water efficiency throughout their site. Bottling Line operator Aaron Eynon is the perfect example of how this truly became a team challenge when found a clever initiative that saved Redwood Cidery over 180,000 litres of water per year.

Aaron noticed two different parts of the bottling line required continual water usage, and that in both instances, the water was being sent to waste after it was used.

The bottles within the filler room start their bottling line journey at the bottle rinser which takes filtered water and injects it at a high pressure into the bottles prior to being filled, this filtered water was then being drained away.

Following the rinser, glass bottles go through a pre-evacuation process to expel excess air prior to filling. The motor on this pre-evacuation pump requires constant replenishment of water to keep the motor cool enough to operate. With some great kiwi ingenuity Aaron was able to connect a pipe between the bottle rinser and the pre-evacuation pump. This resulted in the water being used in the bottle rinser process being recycled through to cool the motor in the pre-evacuation pump.

This simple idea allowed the tap for a whole process within the bottling line to be turned off, significantly reducing the amount of water being used throughout the bottling process.



*with more to come in the future...*

While this is a great step, it is not the end of the water efficiency challenge set by Redwood Cidery or the last of Aaron's ideas. The entire team continues to have a focus on reducing the waste and increasing the recycling capabilities by scoping out new ways to get even greater water efficiency at Redwood Cidery.

***“The tap that was being used to feed water into the pre-evacuation pump is now completely turned off”***

Aaron Eynon, Bottling Line Operator, Redwood Cidery.

*\*Aaron was nominated for, and won, the Spirit of DB Award for this water efficiency initiative.*



Watch the video below to find out more

