

CASE STUDY: COLOMBIA SCHOOLS PROJECT (GOVERNMENT INITIATIVE)



PRODUCT: LifeSaver C2

DATE: Q4 2022

PROJECT PARTNERS:

MDC projects & WP Water

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OBJECTIVE:

To install 120 LifeSaver C2 systems at schools without a municipal supply of safe drinking water.

PROJECT SUMMARY:

There are thousands of remote location schools in Colombia which do not currently have access to clean drinking water. These schools can take hours, and even days, to get to from the nearest town. Due to this extreme remoteness, there is no infrastructure connecting municipal water supplies to these locations. The people here rely on natural water sources such as wells, ponds and rivers. These natural water sources are only replenished by rainwater.

In many cases, these schools and villages already have a system in place to pump water into large, overhead tanks. The water is then delivered to 'tap stand-points', utilising the pressure created from being stored at height. However this water is not being treated and is not safe for consumption.

By inserting LifeSaver C2's at the end of this existing chain, this water can now be purified, resulting in safe drinking water points for the children and staff at these schools. This in turn leads to healthier pupils and better learning outcomes.

RESULT:

120 LifeSaver C2s were installed at 107 schools around Colombia. Some schools having multiple units installed. It is estimated that this project has ensured safe drinking water for up to 10,000 school children, where previously they would have to use bottled water or unsafe water. Due to this projects success, there are plans to continue these installations in more schools.



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