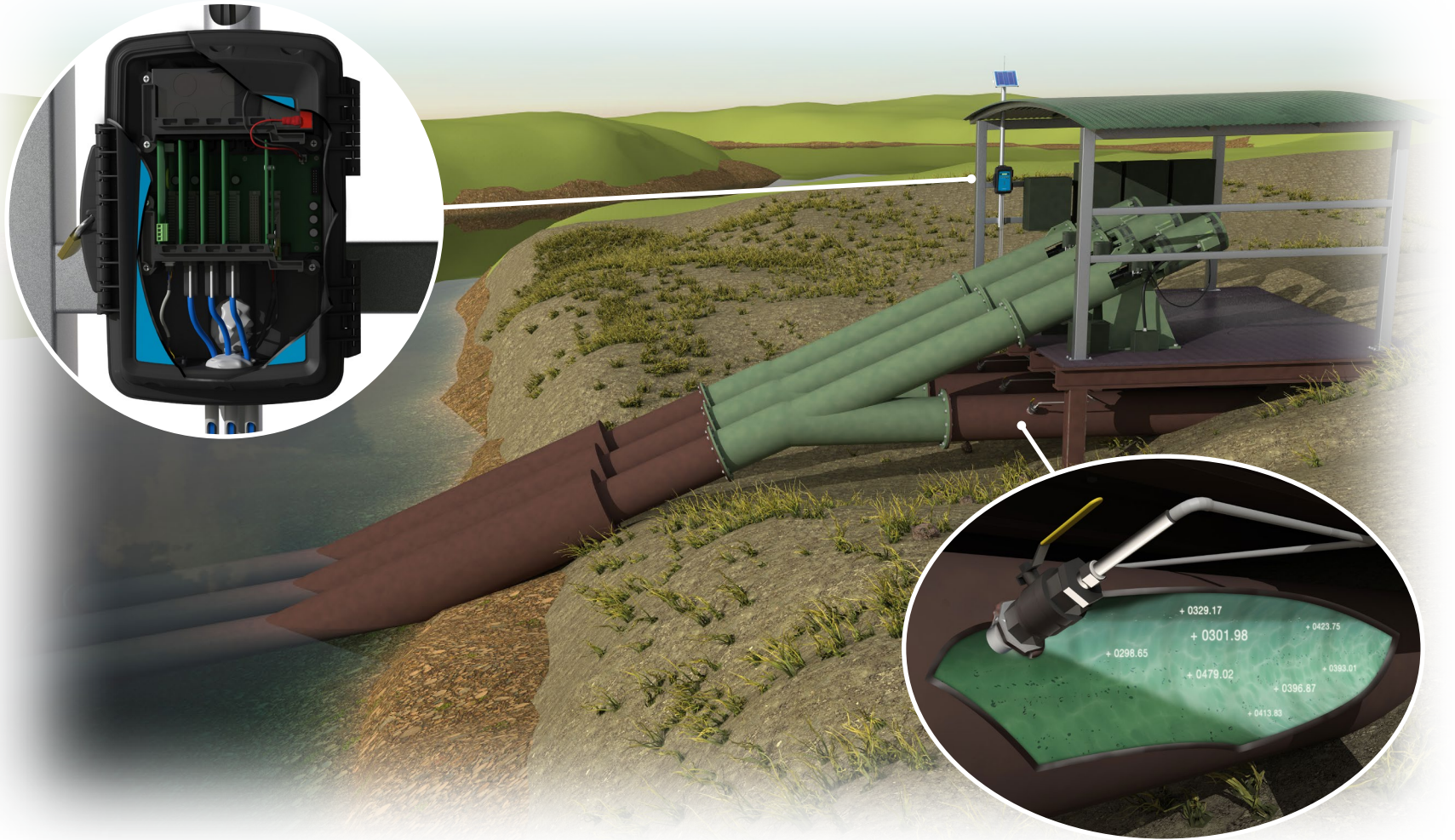


River pump station

Metering surface water that is pumped from rivers or channels is a challenge that often fails traditional mechanical meters. The stream flows are usually trash-laden and moving at very high velocities, some in excess of 5 m/s (16.4 ft/s). The wear and tear on a mechanical meter under these conditions is extreme, and consistently leads to failures and expensive repairs.

The MACE AgriFlo XCI provides an extremely accurate and inexpensive solution for these types of applications. By using a MACE insertion velocity sensor, the MACE AgriFlo can be used in pipes from 100 mm to 2.5 m (4 in. to 100 in.) in diameter. Furthermore, with an AgriFlo XCI, up to five pumps can be metered using one AgriFlo. A very cost effective innovation when more than a single pump is used at a pump station. Because the MACE insertion velocity sensor provides very little obstruction to the flow and has no moving parts, the whole system is virtually maintenance free.

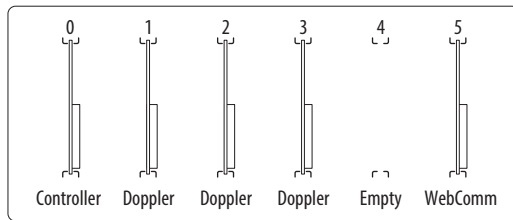
In the example shown here, an AgriFlo XCI is being used to measure & display the flow rates, as well as provide a cumulative total for each pump. With a MACE WebComm card installed, these readings are available 24/7 on the MACE website, as well as having the ability to be alarmed via SMS/email to any mobile phone. No need to drive down to the pump site at any hour of the day or night!



AGRIFLO XCI



CARD SLOT CONFIGURATION



SENSORS/PERIPHERALS

