



Solution

ClearBlu Environmental designed the pretreatment system, which included screening, settling, and phalancing, as well as the pond design, aeration system, bacterial treatment, and final stage flow monitoring. It was determined that three lift stations would need to be installed, with two pumps to operate in each lift station.

Initially selected two B M Model S CSS F submersible pumps to be installed in a duplex arrangement within the cylindrical fiberglass primary lift station. The B M Model S CSS F submersible pumps were the best solution for handling the brewery's wastewater.

Since their installation in June, the B M submersible pumps have performed reliably, operating at 230 volts and pumping up to 1000 gallons per minute. Flow control within the system helps regulate the amount of brewery wastewater that travels to the small town's wastewater treatment plant, ensuring the flow is spread out evenly over a 24-hour period. The lift stations have been kept clear of settled solids and have not overflowed due to the B M pumps' reliable performance.

Features

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Applications

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