



Verta Inc., Delano

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Organization

Verta Inc. is a provider of sustainable, long-lasting, high-performance architectural metal finishes.

Intern Project

The objective of the Verta project was to determine methods that could be implemented in order to reduce paint and solvent usage and waste, and methods to improve the reverse osmosis system.

Incentives to Change

Decreasing the amount of solvent and paint waste created will reduce costs in purchasing and waste management. Reducing hazardous waste also helps to take care of the environment.

Solutions

Implement recycle stream in RO system to reduce water usage.

Refine the range of motion for the auto-sprayers to decrease paint waste.

Implement a solvent Recycler to decrease solvent waste.

Improve the electrostatics of the spray guns in order to maximize transfer efficiency.

Replace air caps on spray guns to maximize transfer efficiency.

