

A **KNOUSE** MENTMENTS

Spring 2018 FROM THE APPLE EXPERTS

MAJOR CAPITAL INVESTMENT

The Peach Glen facility has historically irrigated wastewater on acres of PA DEP-permitted grass fields. Due to changes in regulatory requirements, Knouse Foods contracted ARCADIS, Inc. for the design and build of a wastewater treatment facility on site. Starting in the summer 2016, construction began on tank structures following permit approvals. These included two 180,000 gallon Equalization Tanks, a 2,350,000 gallon Anaerobic Digester and 250,000 gallon Aerobic membrane bioreactor. Additional buildings and installation of equipment, piping and electric continued into 2017. In June of 2017, the acclimation process began by loading water and seed sludge. In October, the facility became operational.

This treatment is being installed as a combined heat and power facility, where wastewater and fruit solids from the Peach Glen factory will be digested along with fruit solids from the Cooperative's Biglerville and Gardners Plants. The biogas produced will be used to generate steam and electricity for use at the Peach Glen treatment and processing plant. The Cooperative anticipates another 30 % of the Peach Glen electricity purchased will be reduced by this system.

This positions the Peach Glen plant as a viable ongoing manufacturing facility with state of the art Solar Field and Waste Water facilities. We continue to strive towards our 20/20 vision which is part of our sustainability plan and the new wastewater treatment facility is a sign of our commitment to be a good corporate citizen, protecting the environment and the communities in which we conduct our business.

