



SHOWCASE



Chobani Plant, USA

Chobani's brand new Twin Falls, Idaho facility was given Food Engineering's "Plant of the Year" award. The new one million square foot facility was built in an amazing 326 days. The 24" CPVC process waste system was designed to handle peak flows of 8,700 gpm.

Initially, stainless steel and fiberglass piping for the waste drainage were under consideration. Both of the products, however, had minimum lead times for delivery from 10 to 14 weeks. The decision was made to use Spears® LabWaste® products. Spears® Manufacturing Company was able to provide most of the products needed on a next day basis, and fabricated manifolds and spool pieces within a consistent two week delivery schedule.

For this project, Spears® Manufacturing Company provided over 5 miles of pipe ranging from sizes 2" to 24". The product provided included LabWaste® CPVC pipe & fittings, as well as custom Schedule 80 CPVC manifolds and spool fittings. The installation includes more than 20,000' of LabWaste® pipe, over 6,500 LabWaste® fittings, 1,215' of Schedule 80 CPVC pipe for the manifolds and more than 245 gallons of solvent cement and primer.

LabWaste®





“Chobani Yogurt’s 1,000,000 sq ft 2012 Food Plant of the Year located in Twin Falls, Idaho was a design build project completed in just 326 days. In addition to having a fast track schedule, the 5 miles of underground Spears® LabWaste® pipe ranging in sizes from 2" – 24" at depths of 2' – 14' had to withstand pH ranges of 4-12 and temperature ranges of 50°F to 200°F. This in itself would be a challenge but the lengths and depths coupled with the temperature range added special challenges. With branches ranging from 300 – 500 feet in length, Chobani along with Shambaugh & Son worked together with Spears® Manufacturing Co. to develop a layout that would accommodate expansion and contraction without compromising the system integrity. Increased wall thickness where required is able to handle the static pressure of backfill at high temperatures. Spears® Manufacturing Co., Shambaugh & Son Engineering and Ferguson worked together to develop project pricing and expedited deliveries.”

Robert Keplinger
West Coast Operations Manager
Shambaugh & Son



“It was the tri-fecta of the industrial world”. Manufacturer, Supplier, Mechanical, coming together as a team to accomplish the impossible. Communication was key to the successful completion. Engineering from all sides had many sleepless nights. But with Spears® experience and outside the box thinking, our goals were attainable. We look forward to future projects and bringing the team together again.

Sincerely,
Joe Cristofano
FEI- National Accounts Manager



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