

Job Spotlight

Mount Jackson Virginia is the home of Dutchland, Inc.'s latest Aqua-Aerobics Sequencing Batch Reactor mega structure. The treatment plant, designed to treat 700,000 GPD, is the 38th Aqua-Aerobics SBR structure manufactured and installed by Dutchland, Inc.

Dutchland, Inc. had worked for nearly 3-years on preliminary designs and budgets for the project engineer, R. Stuart

Royer, prior to the job coming out to bid. After the bid, the project was awarded to English

MT. JACKSON PROJECT SHENANDOAH Co., VA

Construction Company, Inc. based out of Lynchburg, VA. Dutchland, Inc. received its purchase order for the Mt. Jackson SBR structure on June 29, 2007. Six months later the tank was installed and completed ahead of schedule. The 108-precast pieces that were required to put together the 3-dimensional jigsaw puzzle took only 1 month to fabricate and pour in our precast shop. It took only two months to erect, tension and apply sealants in the field.



Mt. Jackson is a rectangular, common-wall structure and is comprised of two 54'-0" x 55'-0" SBR basins sandwiching one 55'-2" x 31'-10" Post-EQ basin and two 27'-0" x 22'-0" digester basins. The entire project required over 385,000 lbs. of rebar, nearly 17,000 ft. of tensioning strand, and approximately 59.5 million cubic inches of concrete.

Mt. Jackson marked Dutchland's third completed project with the engineer R. Stuart Royer, currently, there are approximately seven more projects in the design phase with engineer. Other Virginia projects pairing with R. Stuart Royer include the Dinwiddie SBR and the Lovettsville circular tank.

Mt. Jackson is also the third project working under the General Contractor, English Construction. Other projects working in tandem with English include Lovettsville, and the Vint Hill SBR.



Crocker & Associates, Dutchland, Inc.'s sales representative for the Virginia area, also represents Aqua-Aerobics for that region and was able to successfully pair the SBR equipment package and Dutchland's precast tank, creating a complete wastewater treatment plant package for the General Contractor.

The Mt. Jackson project has also created good exposure for Dutchland in the Virginia area. Dutchland has already received inquiries from another engineer in the area, impressed with the precast concept.