

Integrated WATER Services, Inc.

New System for Sangre De Cristo

Located in South Central Colorado (100 miles from the NM boarder) the City of Mosca, CO has just completed the construction of a new Pre K-12 school (Sangre De Cristo), designed for 450 students and staff. Construction of the wastewater treatment system was completed in the Spring of 2011.

The General Contractor for the project was GE Johnson Construction Company, Inc. (www.gejohnson.com) of Colorado Springs and they were constructing the facility on a design-build basis. Paul Crabtree, P.E. of Crabtree Group, Inc. (www.crabtreegroup.net) designed the wastewater treatment system.

The system was designed for daily maximum flow of 9,100 gallons per day and utilized a textile filter treatment system provided by Orenco, Inc. (www.orenco.com) for secondary treatment. The treatment system had the following components: a 30,000 gallon primary tank; a 10,000 gallon recirculation tank; a 1,500 gallon dosing tank; four AX-100 pods; a 5,600 ft² leachfield utilizing Quick 4 Infiltration Chambers (www.infiltratorsystems.com); and a Control Building which housed the flow meters, control panel, and related equipment. The fiberglass tanks were provided by Containment Solutions, Inc. (www.containmentsolutions.com).

The project was completed on schedule, was started up, and ready for the 2011 school year. Joe DeLuca, Project Manager for Crabtree Group, felt the project was well executed and he enjoyed working with IWS, "IWS has a great deal of experience

with these onsite systems and it showed on this project. I enjoyed working with the IWS team and would recommend them to other clients on future projects." •



The tank excavation area before the installation



The area surrounding Sangre De Cristo School



The 30,000 gallon Containment Solutions Tank

For More Information Contact

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