

Caratteristiche principali

La Centrale idrica di Fontane Bianche a Fratte di Santa Giustina in Colle nasce a metà degli anni 60. Contribuisce, insieme ad altre centrali, ad alimentare la rete acquedottistica di Etra con acqua di falda di buona qualità. Il territorio è quello del bacino del fiume Brenta, ricco di acque sia sotterranee che superficiali e caratterizzato da un equilibrio delicato su cui insistono molteplici attività industriali e agricole. Etra collabora con gli altri enti e con i cittadini per conservare in buona salute la risorsa idrica. Il mantenimento di standard qualitativi elevati per l'acqua distribuita richiede costante attenzione sia nella scelta dei punti di prelievo che nei controlli analitici. e, con pochi e semplici trattamenti di potabilizzazione, la distribuisce a dissetare un

Main Characteristics

The drinkable water is then transferred to storage tanks to let the chlorine kill any microbs in the water while the aggregates, such as the silt, settle as

sediment. The tanks preserve water from heat and

The tanks provide water storage for use during peak

light, allowing it to maintain its characteristics.

The Fontane Bianche water supply plant in Fratte di Santa Giustina in Colle was constructed in the mid-1960s. Along with other plants, it provides good quality groundwater to the Etra water supply network. It distributes water to the basin of the Brenta river, which is rich in both underground and surface water and maintains a delicate balance for plenty of industrial and farming activities in the area. Etra collaborates with other institutions and with the citizens to keep the water resources in good health. Maintaining high quality standards of distributed water requires constant attention in both the choice of points of extraction and in chemical tests. The water supply plant obtains its ground water from confined aguifers and, after a few brief purification treatments, distributes it to a total of about 70,000 inhabitants.



Foto della Centrale idrica negli anni '70
Picture of the water supply plant in the 1970s

70.000

Abitanti serviti Inhabitants served

330 t/s

Fornitura di acqua nei momenti di maggior richiesta Supply of water during peak demands

The water obtained and stored is distributed to the water supply system with enough

network from being contaminated by any substances coming from the ground.

pressure to reach even its furthest point. The water supply plant pipes are connected to

ensures that the water flows out of any damaged pipes, thus preventing the water supply

large pumps and to the water tower in order to maintain a constant pressure. The pressure

7.000.000



