

Furthermore, it completed more than a million quality analyses of the drinking water it supplies to more than 6.5 million residents of Madrid

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- Water supply and sanitation are considered essential services for the population
- The public company has operated all of its facilities as usual during this time

29APR2020 – More than 48 billion litres of drinking water were supplied to Madrid's 6.5 million residents during the first 6 weeks of the state of alarm. The public company of the Autonomous Community of Madrid manages water supply and sanitation in the region, considered essential services during the current pandemic situation.

About 1,000 of the company's employees have continued working in the field and in the facilities to ensure that the service provided to the more than 6 million people in Madrid continues operating normally. To this end, Canal has reinforced working from home, with more than 1,700 employees doing so. It has also taken measures to guarantee the health and safety of the entire workforce as a top priority in order ensure the proper operation of its facilities.

One of the services being done via teleworking has been service incident management, which have been about 600 these past few weeks, about 50% of those from the previous six weeks.

Regarding sanitation, the region's 157 wastewater treatment plants operated by the company have treated 64 cubic hectometres of wastewater in these six weeks, 15% more than in the same period last year due to the heavy rainfall recorded during these weeks. In this way, these facilities have continued to care for our region's rivers and streams without any loss in the quality of their discharges.

Furthermore, these days these facilities have generated almost 11 gigawatt hours of electrical energy from their cogeneration and biogas generation processes, in line with the commitment to the circular economy embraced by Canal de Isabel II years ago. In total, all of the company's renewable, high-efficiency power generation facilities, including thermal sludge drying cogeneration, hydroelectric power plants, photovoltaic

facilities, microturbines and wastewater dumps, have produced more than 57 GWh of electricity.

MORE THAN A MILLION DRINKING WATER QUALITY CONTROLS

In order to control water quality, all laboratories have continued their activity. As far as drinking water is concerned, both the central and the peripheral laboratories have carried out more than 6,000 physio-chemical and microbiological analyses on almost 600 samples, in addition to more than the 1 million carried out by the automatic monitoring stations, located at different points in the distribution network as well as the drinking water treatment plant outlets.

Some 500 treated water samples and another 300 regenerated water samples were also analysed to control the quality of the discharges made by the Autonomous Community of Madrid's WWTP, and the quality of the water in the reservoirs continued to be analysed via the automatic monitoring network.

Canal de Isabel II was founded almost 170 years ago to supply water to the city of Madrid, and currently more than 2,800 employees work to provide services to more than 6 million people in the entire region. It is an innovative public company, a leader in its sector, and internationally recognised for its management of the integrated water cycle.

It operates 13 reservoirs; 78 spring tapings; 17,601 kilometres of water conveyance and distribution; 131 drinking water pumping stations and 133 waste water stations; 15,083 kilometres of sewer system networks; 65 storm tanks; 157 waste water treatment plants; and 615 kilometres of recycled water networks.

Press release