



MUNICIPAL CASE

FLATE WTP, NORWAY

# A REDEFINING PRIMOZONE® OZONE SOLUTION AT FLATE WTP, NORWAY

Primozone ozone solution installed at Flate VBA in corporation with HydroGroup. The municipality of Bamble, Langesund, Norway uses surface water from the Flåte to supply drinking water to the 12 000 inhabitants. To improve standards of hygiene and to remove color and TOC from the drinking water, the municipality of Bamble has built a new water treatment plant, Flåte VBA.

**THE COMPLETE SCOPE** of the water treatment process technology was provided by the German company Hydro-Elektrik GmbH, who is an industry leader in ozone water treatment. Hydro-Elektrik, who has been in the market for over 40-years, specifically chose Primozone to provide the ozone generator for the project.

Primozone was the only supplier who could deliver according to specification. To make the dissolution work, there was a need for a very high gas pressure. Primozone is the only ozone generator manufacturer on the market that can provide an ozone pressure up to 2.2 bar(g).

The plant comprises two treatment lines with a maximum treatment capacity of up to 680 m³/h and contains three customized Primozone® ozone generation systems (1000 g/h), three dissolution- and contact systems with two horizontal ozone reaction tanks, two filters for hardening, two filters for bio filtration and a clean water tank with 800 m³ volume the temporary storage of the treated drinking water.

“This project once again proves that the unique benefits of our ozone generators are indispensable and also ratified by established suppliers on the ozone water treatment market”, says Anders Schening, CEO at Primozone.

”At Hydro-Elektrik we are very pleased with how Primozone has delivered this project. We are certain that we have chosen the perfect supplier of ozone generators and that the Primozone ozone technology has many crucial benefits”

**PETER PASKERT**

Manager Director  
at Hydro-Elektrik AS.

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[www.primozone.com](http://www.primozone.com)

Primozone began redefining ozone technology in 2000. Since 2003, Primozone Production AB has been wholly owned by Westfal-Larsen Technology of Bergen, Norway. Today Primozone's patented technology is used in water treatment installations in more than 40 countries worldwide.

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