

Completing the Warsaw waste water treatment plant

In an age which worships service and quality, a supplier must fire his customers with enthusiasm, products must convince through their high quality, and services must exceed expectations. As part of the delivery for the first expansion stage of the Czajka waste water treatment plant in Warsaw/Poland, BUTTING's service convinced the customer and gained them yet another BUTTING fan.

We were also delighted to be given a new order recently to manufacture aeration panels to complete the plant.



After only two years, the project for modernising and expanding the Czajka waste water treatment plant at the gates of the Polish capital is due for completion at the end of 2010. This will increase the amount that can be cleaned from 240,000 cubic metres to 450,000 cubic metres a day. Thus the plant will cope with the increasing population of Warsaw, currently 2 million; it is also considered to be the largest sewage plant in Poland.

As part of the first expansion stage of the waste water plant, BUTTING fitted the first six of a total of ten aeration basins with panels at the end of 2009. The stainless steel processor's scope of delivery consisted of a large number of pipe parts manufactured according to special customer drawings. The family company processed more than 350 t made from the materials 1.4571 and TP316L, complying with a high quality level and at the same time ensuring that tight deadlines were adhered to.

The customer's satisfaction is reflected in the order for BUTTING to supply for the second expansion stage. A further four aeration basins will be equipped with panels by the end of 2010. In manufacturing them, we manufactured pipes and elbows ourselves, but also collars, lapped flanges, sleeves and circular blanks, all in nominal widths of DN 80, DN 100 and DN 250. For the necessary extrusions as well as for the required laser cuttings and drill holes, we are using the optimal production facilities of BUTTING's Laser Centre in Kneesebeck.

By using as much pre-fabrication as possible, BUTTING ensures high processing quality and at the same time reduces the cost-intensive proportion of installation work. Thus the specialist processing of stainless steels supports the pipe system in functioning securely on a long-term basis and minimises the investment and maintenance costs of the Czajka waste water treatment plant.

BUTTING – Progress by Tradition