



### 1 Doubling pump-station capacity

Work is well under way to double the capacity of the pump station on the Mzimkulu River:

- Water is abstracted for the new off-storage dam to directly feed the Bhoibhoi waterworks in the hills above Marburg.
- Hills throughout the Ugu District Municipality necessitate pressure pumping of water and sewage.

### 2 Gantry added

Water intake at the pump house has been designed with a gantry. The intake pipes rest on the gantry:

- It can be raised by means of an electric motor if the level of the river rises during a flood.
- A similar gantry with two additional intakes is being added to the west of the existing intake.



### 3 Pipe-jacked sleeve through hill

The R60-million project entailed boring under the steep hill south-west of the pump station using pipe-jacked sleeve methods to carry water from the off-channel dam.

- Pipes installed at the pump station above the southern bank of the Mzimkulu River at Port Shepstone will carry water to the new off-channel dam in the hills behind the town and to the nearby Bhoibhoi purification plant.

