



Knysna

Municipality || Munisipaliteit || uMasipala

inclusive || innovative || inspired

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Hornlee sewer line upgraded

Acting Knysna Municipal Manager Dawid Adonis announced that the Hornlee Sewer line project has been completed. “The five month-long project had a construction budget of R5,9 million,” he said. “It has resulted in improved service delivery, the reconstruction of a foot bridge, and it created job opportunities for residents of the area.”

The capacity of the existing sewer pipes was inadequate to accommodate the flows generated by the growing population of Hornlee, and the manholes were surging on a regular basis. The previously existing sewer main ran along the river and spills were posing an environmental risk, creating various health and safety threats.

“The project was aimed at upgrading an identified section of an existing gravity sewer main in the Hornlee area,” he explained. “It’s aim was to increase capacity and to mitigate constant blockages.”

Based on the project requirements, as determined by the Sewer Masterplan issued in February 2016, there are several possible development areas that have been identified to be used for future infill housing in the Hornlee residential area. The flows that will be generated by these areas will place additional stress on the capacity of the main gravity pipeline.

The scope of works included:

- A 315mm diameter uPVC class 34 sewer main of approximately 570m in length that was newly installed using the open trench and pipe-cracking methods. The pipeline was laid parallel to existing pipeline with new manholes, this is in order to lessen the occurrence of sewer blockages.
- Rehabilitation work on an existing pedestrian bridge, washed away pedestrian walkway and reconstruction of the existing 30m pipe bridge.
- Construction of a new pedestrian bridge of approximately 13m, replacing the previously washed away bridge.
- Clearing of approximately 550m, 4m wide vegetation along the riverbank.
- Construction of the new bar screen and sump system to effectively remove any large foreign objects in the sewer line.

“Maintaining and improving our infrastructure is part of our committed services to our communities,” Adonis concluded. “But we need your help in keeping our systems in good working order. An easy way to do this, is to not flush foreign objects into the system. We are proud of upgrading these systems and facilities in Hornlee, and trust that the community will help us in looking after them. Together we can build an inclusive, innovative, inspired Knysna.”

ENDS

Ms Nwabisa Pondoyi Communications Officer

P O Box 21. Knysna. 6570. Western Cape. South Africa

Tel +27 (0)44 302 6300 (switchboard) or +27 (0)44 302 6471 (direct)

e-mail npondoyi@knysna.gov.za