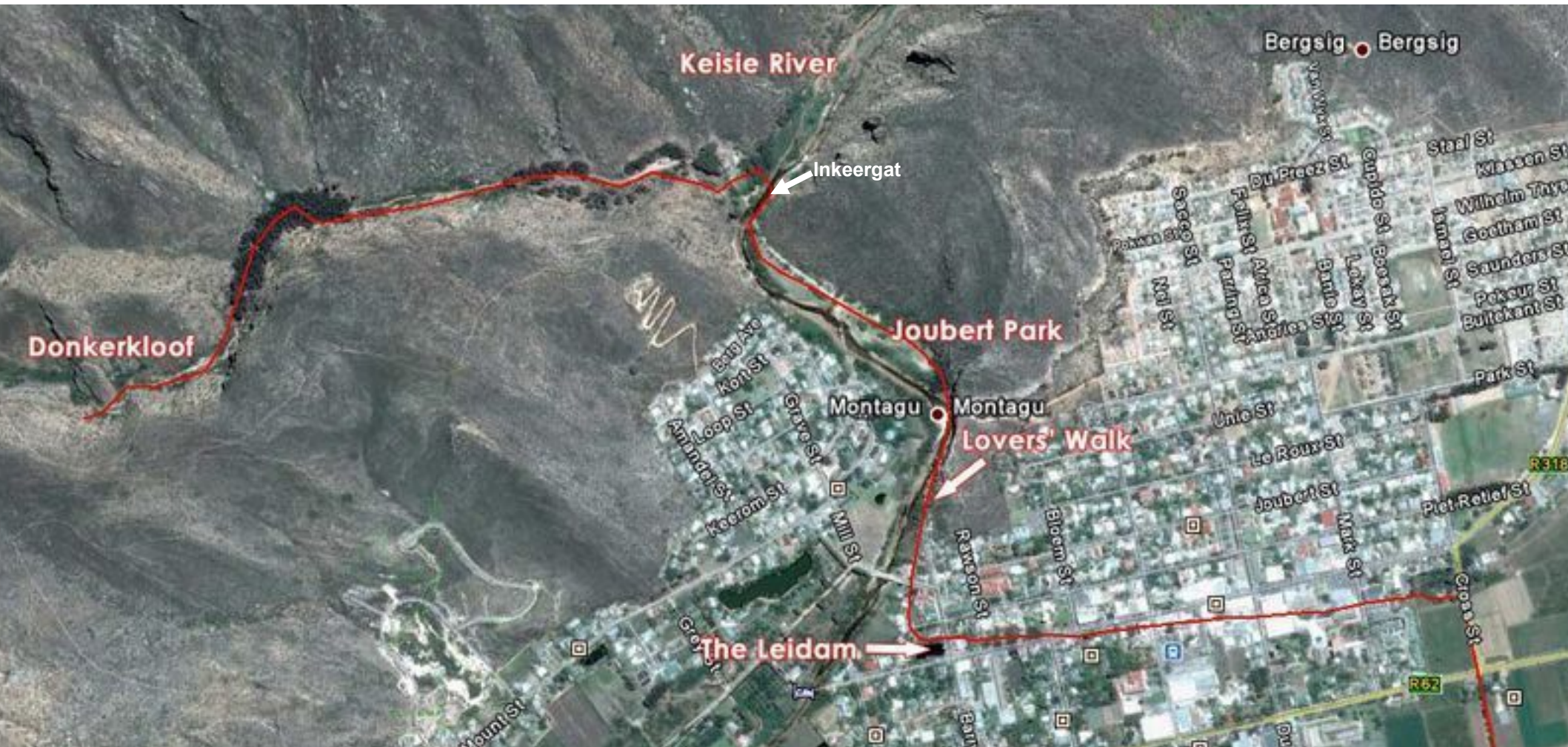




Flood damage and progress of repairs October 2023



Map of the leiwater system showing the extent of the source infrastructure, all of which was either damaged, washed away or covered in tons of silt. The red line is our main pipeline/canal.



LOVERS' WALK TO JOUBERT PARK

We have started clearing backwards from the klein hekkie at the entrance to Lovers' Walk.

- 1) Jason and his team have cleared the sand from the canal manually with shovels. *Photo: Kallie Laubscher*
- 2) Another team has rebuilt the canal wall where it had washed away in places. *Photo: Kallie Laubscher*
- 3) Richard strapped a scraper to his tractor and removed all the sand that was dumped above the canal. Though his margin for error disappeared at one point ;-)
Photo: Richard Knipe



JOUBERT PARK

- 1) The road into Joubert Park is still under water and so we cannot yet get an excavator in to clear further up. *Photo: Tian van Heerden*
- 2) The road in Joubert Park has washed away. *Photo: Richard Knipe*
- 3) Much sand stil covers our access and the manhole is bowed in. Top photo shows current situation, bottom one how it used to be. *Photos: Richard Knipe (top) | Marion Maclean (bottom)*



INKEERGAT

- 1) The inkeergat which collects the water from the Keisie River and Donkerkloof is still under water. We therefore do not know how much silt is in it and would need to be flushed out.

Photo: Kallie Laubscher

- 2) The inkeergat as it usually is. *Photo: Marion Maclean (2018)*



DONKERKLOOF

All our infrastructure in Donkerkloof has gone. All that's left are some concrete bits. We do not need Donkerkloof water to run the leiwater system. It is sweet water which we add to the main conduit from the Keisie to ameliorate the brak. So this will be our last repair once we've got the rest of the system working again. *Photos: Kallie Laubscher*



GOING FORWARD

- 1) We have to wait for the Municipality to rebuild their road into Joubert Park. Once this is done we can get a digger across to clear the rest of the main canal and the inlet.
- 2) We're cautiously optimistic that the underground pipes have survived, though they're probably filled with silt which we will have to flush out.
- 3) Hopefully we will be able to get in and start clearing by the end of next week.
- 4) It will probably take at least another week, if not two, after that to clear the debris, which means we *hope* to reopen the system within the next month.
- 5) The pipes that supply Montagu West run under the river and road. They are buried very deep, so we hope that they survived the flood and the coming earthworks. If there is major damage (which we are unable to check yet), then that will be further delay for M-West.
- 6) If you would like to help us with labour or machinery to speed up the repair process, please get in touch.