Leiwater
MONTAGU

Flood damage and progress of repairs
Part 5
21 November 2024

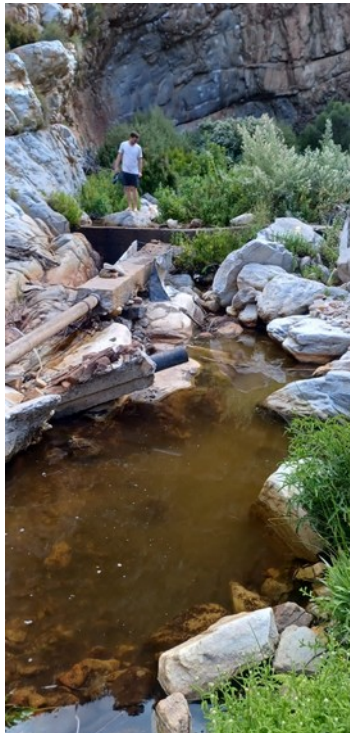
DONKERKLOOF

1) In May 2024, Kallie's new weir design was concreted in. *Photos: Richard Knipe*

DONKERKLOOF

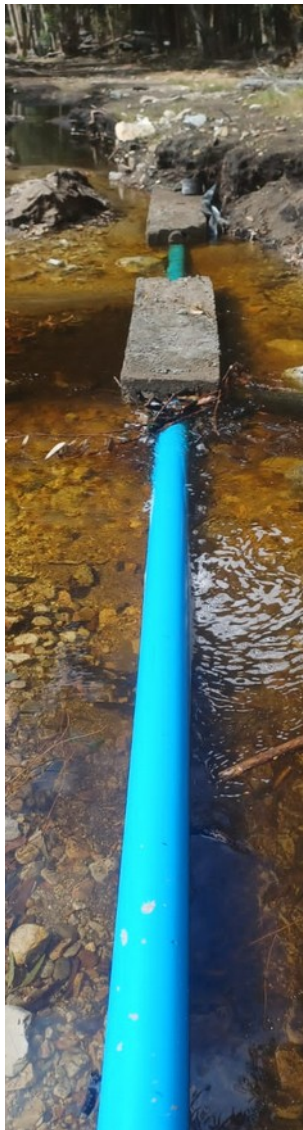
In October 2024, after waiting for the municipality to fix the road, we went in an fixed the road ourselves so that we could get to the higher weir.

We cleared the river, and started to repair and replace the sections of pipe that had been washed away. *Photos: Richard Knipe*



DONKERKLOOF

We then brought in the pipes and started laying them, boxing them in concrete as we went along. *Photos: Richard Knipe*

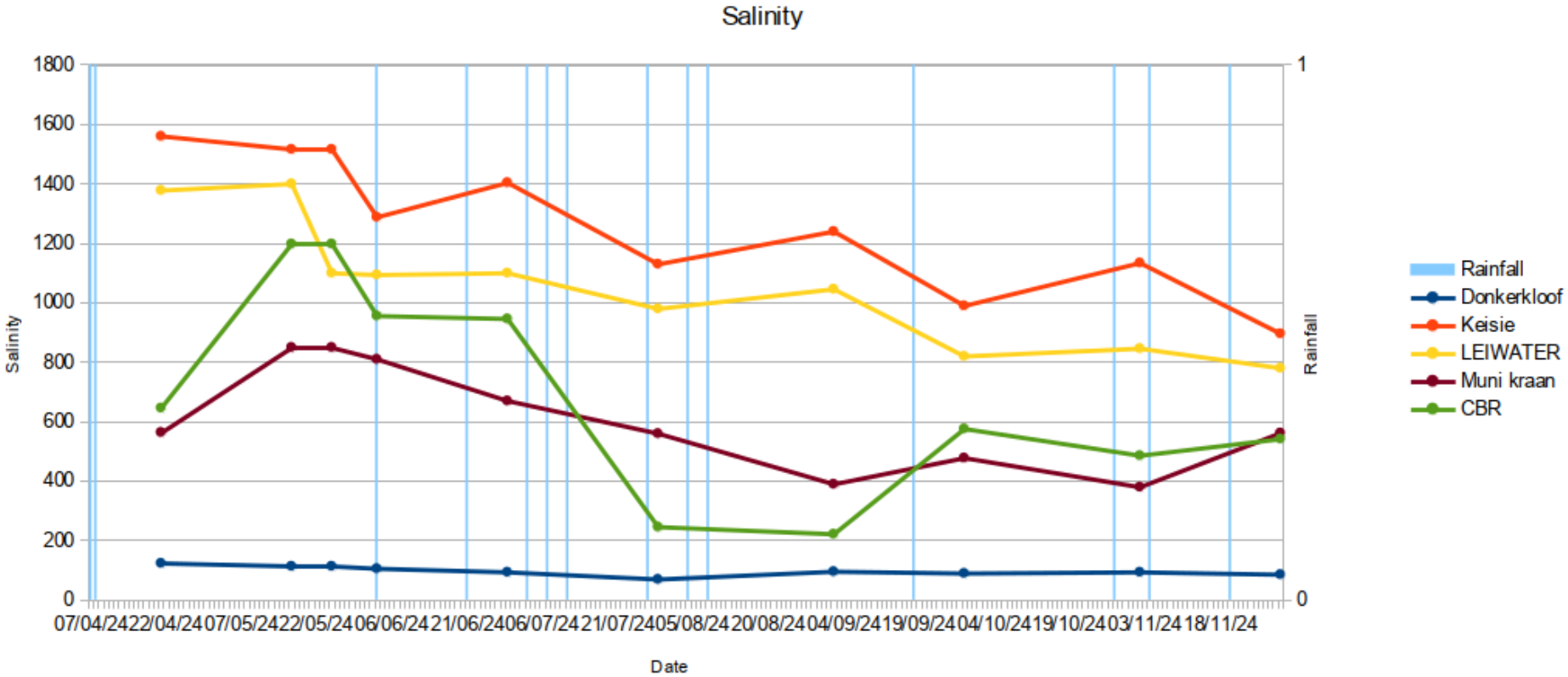


SUCCESS!

LEIWATER SALINITY

The Donkerkloof water component of leiwater is now about 50% (the other half from the Keisie River) which makes the water much sweeter and better for irrigation.

The salinity graph shows how Donkerkloof water remains sweet regardless of flood or drought. The Keisie water improves with each large rainfall event (> 10 mm).



LAAGWATERBRUG/LOW WATER BRIDGE (EYSSENHUIS)

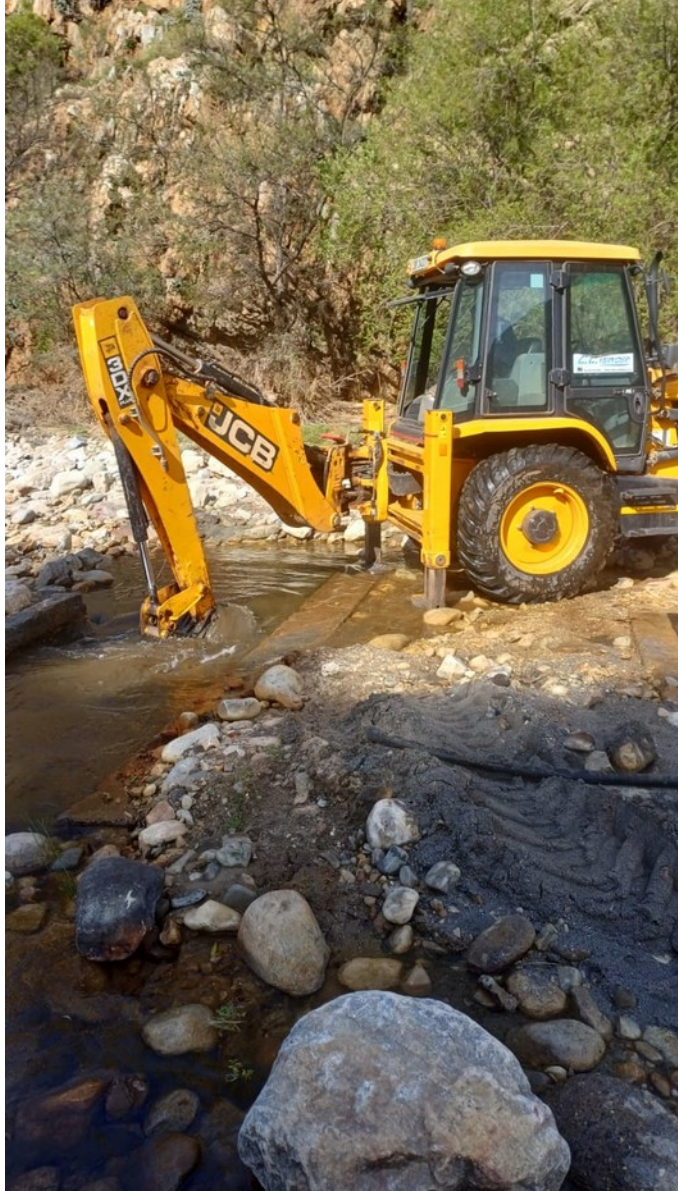
1) This bridge is in Joubert Park at the millhouse where the road goes up into Donkerkloof. In June 2024, the municipality wanted to raise the bridge, and we had concerns about how it would affect our pipes, and the flow of the river. Our fears were unfounded and they did a lovely job. This is the start of the repair. *Photos: Richard Knipe*
2) Lots of rain in July broke their shuttering and they were on holiday.
3) The bridge was finished in September 2024.

INKEERGAT

April & August 2024 – clearing silt from inkeergat. Two covers disappeared (probably theft because the covers were too heavy to move far in water).

Thank you to Jerome Simonis for the loan of his digger.

Photos: Richard Knipe



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INKEERGAT & JOUBERT PARK

1 April 2024 – new covers on their way to the inkeergat. *Photos: Richard Knipe*
2 New covers in place.
3 Clearing silt from the canal in Lovers Walk and fallen trees from Joubert Park.

THANKS

A lot of people contributed to the repairs to our infrastructure and we are extremely grateful to you all.

Leiwater Committee & members

- Kallie Laubscher and Richard Knipe oversaw the repair of the road in Donkerkloof, and the laying of new pipe. Richard and his team also cleared out obstructions in Church Street and Joubert Park.
- Kallie takes regular salinity readings of the water sources in town, and Tian van Heerden creates the graphs.
- Jerome Simonis once again very kindly allowed us the use of his digger.
- Willie van Wyk has organised and supervised the replacement of a large pipe in Meulstraat, along with Ian Kotze and Martin Reynolds. Wilie has also kept an eye on the Middelstraat repairs and made plans for draining the water that runs down Grey Street. This is not leiwater, it is mountain runoff which can flood the road and properties.
- To all our members for paying their fees timeously which has allowed us to cover all the costs.

Contractors

- Wynland Besproeiing, Kaap Agri and Build It where we purchased the wherewithal to replace and repair infrastructure.

We have a dorp, community and leiwater system we can be proud of!

Photo: Marion Maclean