



## A salt water solution

**Site:** Dairy farm and residential estate in Jeffery's Bay

**Situation:** Nu Flow were called to investigate a problem on a dairy farm in Jeffreysbay.

The farmer uses filtered and processed waste water to irrigate the grazing land for his cattle. The grass however was dying. An investigation revealed that the water was contaminated with salt from the ocean and the salt water was killing the grass.

Nu Flow were called to camera inspect the pipes supplying the water to the farm. The pipes supplying the farmer with the water run under canals in a residential complex right on the beach. The CCTV camera inspection revealed that the pipes had leaking joints allowing sea water to leech into the pipes and contaminate the water.

A pipe replacement was impossible since sections of the pipe line run under the canal. Even rerouting the pipe line was not viable since the three sections of pipe averaging 50 meter long would need to be rerouted a few hundred meters due to the configuration of the canal and shore line.

**Solution:** The Farmer and Home Owners Association opted for the pipe to be relined with Nu Flow structural liners to seal all the joints and leaks and stop the sea water leaching into the pipe line.

### How it works:

The pipes were cleaned using high pressure jetting. Once the pipe is clean, an epoxy saturated liner is pulled into the pipe.

Within the liner is an inflatable bladder.

When the liner is in the correct position the bladder is inflated and left inflated until the epoxy has cured.

Once the epoxy has hardened the bladder is removed leaving behind a "nu pipe" within the host pipe.



**NO Chopping open!**  
**No Damage! No Mess!**

**Need relining done?**  
**Want to become a Nu Flow Installer?**  
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