



To whom it may concern,

I live on a pastoral property in the Flinders Ranges called Moolooloo Station. As per most Pastoral properties water supply and water maintenance plays a big part in our life. We have a 10 km gravity fed pipeline consisting of 2-3 kms of 1 1/2" galvanised steel pipe and 7 kms of 1" poly pipe (B class). The steel pipe was installed in, we think, the 1920s and the poly pipe in about 1984. Ever since the poly pipe has been installed it has had a problem of scaling up. We actually liken the scale to crushed eggshells as it has a similar feel and texture. The process to remove this scale was either using acid, which was very time consuming and meant the pipeline was out of action for sometime. Not convenient when stock need to drink. The other method of removal was using a firefighter to blow out the scale, which was very time consuming and only removed the loose scale not the scale stuck to the poly pipe. This was the problem most of the existing poly pipe had 1-2mm of scale stuck to the walls which fell off regularly causing untold amount of blockages.

With the existing pipeline I was looking for a solution to remove existing scale plus not allowing new scale to form. I was not looking for improved water quality as this was fine for stock consumption. I saw an advert on television for Hydrosmart and thought I would chase up this to see if it could benefit my situation.

I liaised with Wayne Frost who was very willing and helpful. I decided on purchasing a 25mm Hydrosmart system to install on my pipeline with a solar power source. I was a bit of a guinea pig as they had not provided one of these systems on a gravity fed polythene pipeline but Wayne assured me the results would take care of themselves. I installed the system on the 30-4-08. It is just over 12 months now since installation and would like to say the results are very encouraging. I believe that new scale is not forming and the old scale on the poly pipe is slowly being removed (as I said this was 1-2mm thick). It has saved much time and patience having not had to resort to the old method of using a firefighter to clean the line. I would fully endorse this product and am thinking of purchasing another unit for a recently installed poly pipeline.

Regards,

Keith Slade

Footnote: The only thing I will say the unit hasn't done is make it rain but I'm hoping for this in the near future.