

SW Update from Pan Parish Forum Meeting 21 March 2024

The Pan Parish Forum (PPF) met Southern Water (SW) on Thursday 21 March 2024 to review progress against our shared objectives of abolishing 1) tankers from our villages and 2) overpumping sewage into the Pillhill Brook. Tankers are needed when SW's water pumping stations can no longer cope with the combined sewage and groundwater (GW) in the sewer pipes - GW gets into the pipes through sewer joints or manhole chambers (public or private). Some examples of GW infiltration are shown below. It is interesting to note that in our catchment GW infiltration is rarely due to collapsed or damaged sewer pipes. Overpumping is the last resort when tankers cannot take the amount of fluid in the sewer pipes away fast enough to prevent sewage pollution. Thankfully there has been no overpumping in the PPF catchment since the winter of 2021.

Examples of groundwater infiltration



public sewer pipe joint



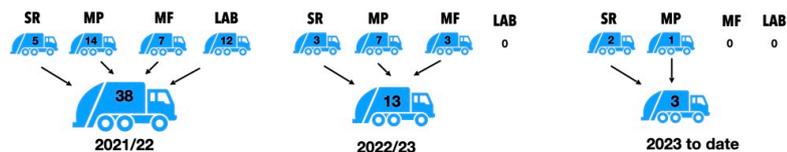
public manhole chamber



private manhole chamber

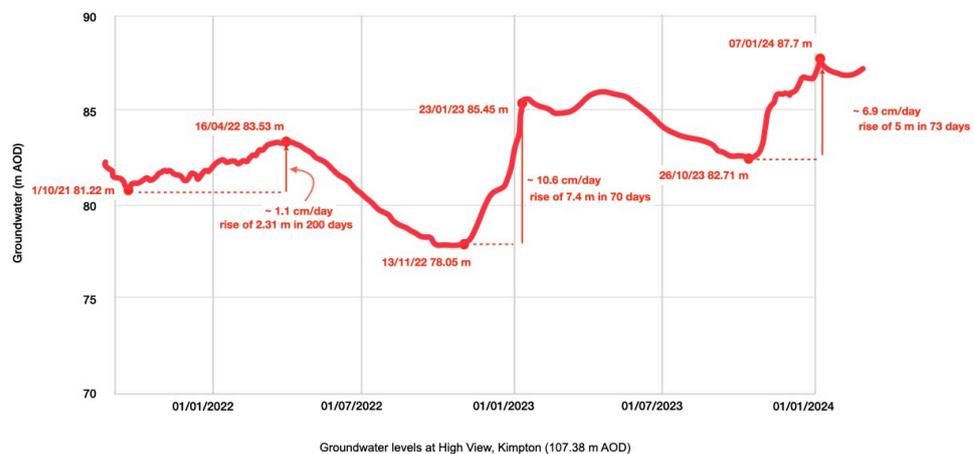
By the spring of 2022 SW made the Pan Parishes a Pathfinder Project and decided that to achieve the PPF’s objectives they would reline all public and private sewer pipes and manhole chambers north of East Cholderton. To date they have relined: 301 out of 458 private pipes; just under 2 km of the total of 2.5 km of public sewer pipes and 58 of 134 manholes. The results are encouraging reducing the number of tankers stationed in our villages from 36 in 2021 down to just 3 currently, despite unprecedented GW levels (see graph below).

Pan Parish 3 yr Reduction in Tanker Deployment



Tankering Sites

- SR - Stanbury Road WPS
- MP - Mullens Pond WPS
- MF - Manor Farm Bell Valve
- LAB - Little Ann Bridge WPS



SW plan to complete their relining programme by the end of April 2024 and then want to evaluate the impact of this work. They will do this by using a range of measuring devices that can be monitored remotely.

Two major issues were raised with SW: 1) the constant spilling of the manhole at Manor Farm in Abbots Ann that can run down the hill into the village - SW have committed to focus on a solution and report back at our next meeting in June; 2) the state of the rising main in Anna valley following the burst in January this year - SW have informed us that replacing this section of sewer is No. 7 on their priority list and replacement is planned to be done in their 2025-30 funding cycle.

Finally the PPF were disappointed that yet again neither the Environment Agency nor Hampshire County Council attended the meeting. With increased storm surges due to climate warming the PPF firmly believes that a collaborative approach to flooding and drainage is essential going forward and will work hard to bring both of these organisations back to the table.

Janet Wright

Secretary to the Pan Parish Forum