



## PF-Detect meets the PAC dosing requirements for Scottish Water



Scottish Water has been involved in two design and build projects at the Daldowie and Dalmarnock Sewage Treatment Works. Both projects were aimed at reducing the impact of discharges to the River Clyde from the wastewater works. A new tertiary chemical dosing plant was required as part of the work.

PF-Detect was introduced to Scottish Water as an innovative dual contained chemical dosing hose with built-in leak detection. Scottish Water employees were particularly interested in the product as no catchpots are required. The 50m route from the dosing rig to the point of application (shown above bottom right) involved a duct underneath a roadway as well as height changes so they couldn't rely on a catchpot in a low point. Also, Scottish Water wanted to avoid the problems associated with accessing the pit on a road for maintenance.

Having reviewed PF-Detect and collaborated closely with the Scottish Water Standards and Specification Engineers for both Daldowie and Dalmarnock STW, Kenny Naylor, Senior Project Manager and Stewart Smolarek, Project Manager, were satisfied that the flexible PF-Detect hose would meet all their PAC dosing requirements.

*"This innovative design has saved us a lot of time and money while still offering the total safety to operators and the environment that we need for our chemical dosing applications" said Stewart Smolarek of Scottish Water. "Not having to install a catch-pot in a low point, which would be required for the old-style hose-in-hose system, made the routing of the dosing hose much easier and saved a considerable amount on time and money for the Project and operational maintenance of a catchpot under a road."*

Scottish Water are happy with the PF-Detect solution and are now looking at further installations where they have the same potential issues.