

25th September 2013

Dear Technology Strategy Board

Re: Letter of Support - Development of Prototype grant for Paradox

I am the Technical Manager at British Water, the major Trade Association for the water industry and have more than 30 years' experience working within the industry.

The water industry has many processes and it is well known that physical, chemical and biological fouling impacts significantly upon operational efficiency. This drop in efficiency is costly for the water industry especially if build ups cause blockages or reduced treatment flows. These effects in the municipal sewage treatment costs the industry millions of pounds each year.

Environmental Treatment Concepts (ETC) is a SME that invests heavily in research and development and historically has produced innovations that have been taken up by the water utilities, MOD and other major customers. I have seen the potential of *Paradox* prototype and the enthusiasm the project team at ETC have for this project, and their approach to problem solving in general, and I am excited by the possibilities it offers.

I am happy to support ETC's proposal to secure the necessary funding to further develop and test a prototype to prove the efficacy of *Paradox*. If this is supported by the Technology Strategy Board it will have a significant impact in the market and be a great development by a UK company.

Kindest Regards.



Ian Bernard

Technical Manager, British Water