

Dual Supply Pipe System – Call for Evidence

Objective: Our priority is to gather detailed information on the current status of dual use pipe systems and case studies from both the UK and wider afield, focusing on the following key aspects and building:

1. **Dual Pipe Systems and Private Water Supplies in the UK:**
 - a) Please provide an overview of any dual use pipe or private water supply systems currently in operation in the UK that you are aware of. A case study would be excellent but even a contact that can talk us through if a case study doesn't exist would be really beneficial.
 - b) We are particularly interested in an up-to-date assessment of the quality of these systems that may have been undertaken (i.e. Water Regulation inspection and findings).
2. **Case Studies:**
 - a) Where applicable, please share relevant case studies, especially those that highlight instances where things have gone wrong, such as misconnections and any related water savings.
 - b) Additionally, we are interested in your insights on what changes could be implemented to prevent such situations in the future (i.e. plumber training, pipe sizing, etc.).
3. **Regional Differences:** We seek information on any differences in approaches or policies related to dual pipe systems among England, Wales, Scotland, and Northern Ireland.
4. **Overseas Systems:**
 - a) Provide examples of dual pipe systems implemented overseas, specifically in Europe, California, and Australia.
 - b) Share any lessons learned from these experiences, including relevant policies and regulations.

Definition - A dual pipe system is being defined as 'a potable and non-potable supply arrangement with separate piping but within the same premises or distribution network supplied by a Water Company'. For example, a development that has a potable water supply alongside a supply of treated grey water which is used for toilets and outside tap use.

Known UK sites where there is dual supply or non-potable where a case study or contact is required;

- Eddington, Cambridge
- Kings Cross, London
- Sandhills, Bristol
- Beddington Zero Energy Development (ZED), London
- Thetan Court, High Wycombe
- Newhall Adventure Park, Essex
- Brighton Marina, East Sussex
- The Paddocks, Sheffield
- University of Leeds Roger Stevens Building
- BrewDog Brewery, Scotland

Your expertise and input in these areas would significantly contribute to our research efforts. If possible, please provide your responses by [deadline]. You may include any relevant documentation or reports to support your insights.

Should you have any questions or require further clarification, please do not hesitate to reach out. Can all responses please be sent to James Lees (james.Lees@wrcgroup.com) and Fiona Thompson (Fiona.thompson@wrcgroup.com) at WRc by **COP 8th February 2024**.