



National Operational Guidance



NFCC
National Fire
Chiefs Council

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Water treatment

Information

The water industry presents fire and rescue services with a number of hazardous environments in the process of abstracting water from rivers, boreholes and aquifers etc., cleaning that water for domestic consumption and treating the resultant wastewater (wash water) to return back to the rivers.

Water utility facilities can be sites that handle one element of the water treatment process or multiple elements of the process. Site-Specific Risk Information gathering will be key to understanding the hazards each site represents for local fire and rescue service personnel.

For an example of water treatment with further information and diagrams, refer to the [Severn Trent Water poster](#).

Hazards (for further information refer to National Operational Guidance: Utilities and fuel)

- Electricity
- Working near water
- High-pressure water supplies
- Water-borne contaminants
- Chemicals
- Confined space entry
- Flammable or explosive atmospheres

References and further reading

<https://www.stwater.co.uk/my-severn-trent/education-zone/learning-zone/how-we-clean-water/>