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High Performance Filter Ensures Low Turbidity Drinking Water

Amazon Filters reports that two major municipal water suppliers are using their SupaSpun II R31 filtration cartridges to mitigate the risk of their boreholes delivering drinking water with high turbidity.

One of a municipal water suppliers' primary jobs is controlling turbidity. Turbidity is caused by particulates in the water and is synonymous with cloudiness. The consequences to a water company of producing water with high turbidity can be severe. Not only is there a genuine risk to health if the water reaches households but there are also significant financial consequences and the subsequent public relations challenges that will inevitably damage company reputation, value, trust and credibility.

Consequently today - turbidity is one of the critical measures of water quality and is used by both water supply companies and industry regulators to ensure the water clarity is acceptable to the consumers. European Water Quality Directives, the World Health Organisation and the UK Drinking Water Inspectorate specify what is required to ensure the water supplied is 'wholesome' and turbidity limits are typically set at <1 NTU (Nephelometric Turbidity Units) and often set at <0.5NTU.

As one of Europe's leading manufacturers of process filtration systems - Amazon Filters has an excellent track record of supplying static and mobile skid mounted filtration systems to ensure low turbidity water supply. Typically, these bespoke water turbidity control systems are based on Amazon Filters SupaSpun II R31 filtration technology.

Available in absolute ratings from 0.3 to 180µm, the unique construction of SupaSpun II R31 filters provides long trouble-free operational life and consistent reliable performance. These high-performance depth cartridge filters have a precision graded porosity that provides absolute ratings, unmatched dirt holding capacity and excellent flow rates. SupaSpun II R31 cartridge filters are proven to comply with a range of potable water regulations.

To read the application study describing this application in full please visit <https://www.amazonfilters.com/spotlight-on-supaspun-ii/>. For further information on regulatory compliant filtration systems to ensure your water supply clarify please contact Amazon Filters on +44-1276-670600 / sales@amazonfilters.co.uk.

Amazon Filters Ltd. design and manufacture an extensive range of liquid filtration systems, providing one of the widest selections of filter vessels, along with depth and pleated cartridges for use throughout the process industries. As a leading manufacturer of filtration systems, Amazon Filters can offer a solution to meet all filtration requirements. Amazons' filters are manufactured in clean room conditions and all products come with detailed Product Validation Guides and Technical Support documentation. To view a video on Amazon Filters design and manufacture capabilities please visit <https://www.youtube.com/watch?v=DG9S6SLDgM4>

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