

CASE STUDY

Rainwater Harvesting

Wedge Group Galvanizing introduced a bespoke rainwater harvesting system over a decade ago.

Rainwater harvesting offers several benefits where water usage, environmental responsibility, and cost management are key operational concerns. Here are some specific advantages:

Reduced Environmental Impact

- **Sustainable Water Usage:** By using rainwater instead of groundwater or river water, reduces strain on local water resources, aligning with broader environmental conservation goals.
- **Lower Carbon Footprint:** Harvested rainwater typically requires less energy for treatment than pumped and processed mains water, reducing the carbon footprint associated with water supply and processing.



Cost Reduction

- **Lower Water Bills:** By capturing and reusing rainwater, we can reduce reliance on mains water.

Water Resource Management

- **Reliable Water Supply:** Rainwater harvesting provides a supplemental water source, reducing the impact of water scarcity during dry spells. This is valuable in areas where water restrictions may affect industrial operations.

By incorporating rainwater harvesting into our operations, we can enhance efficiency, reduce costs, and contribute to environmental sustainability, aligning with both economic and ecological goals.

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