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P033 Reducing waste at water points

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REPOSITORY RECORD

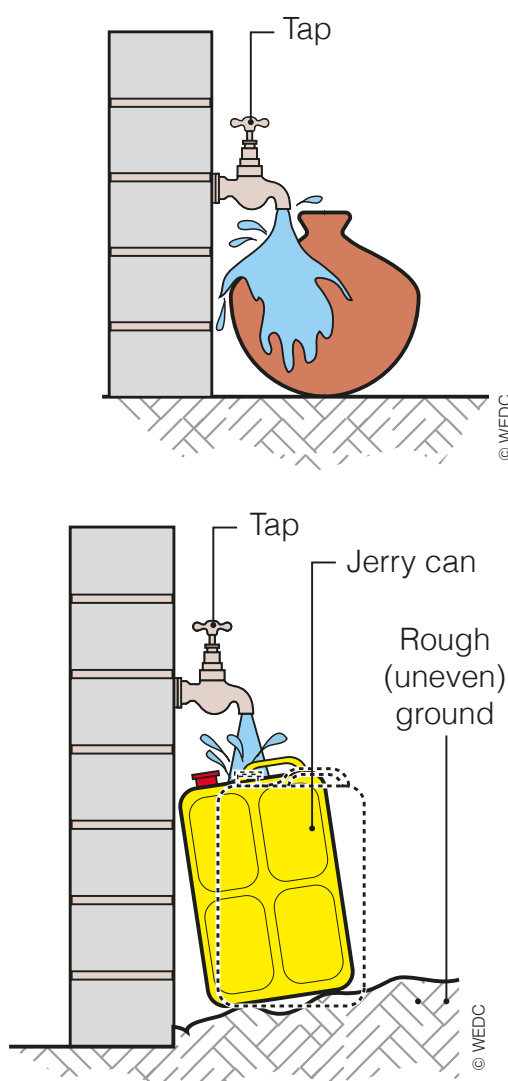
McMahon, Glenda, Kay Davey, and Rod Shaw. 2020. "P033 Reducing Waste at Water Points". Loughborough University.

Reducing waste at water points

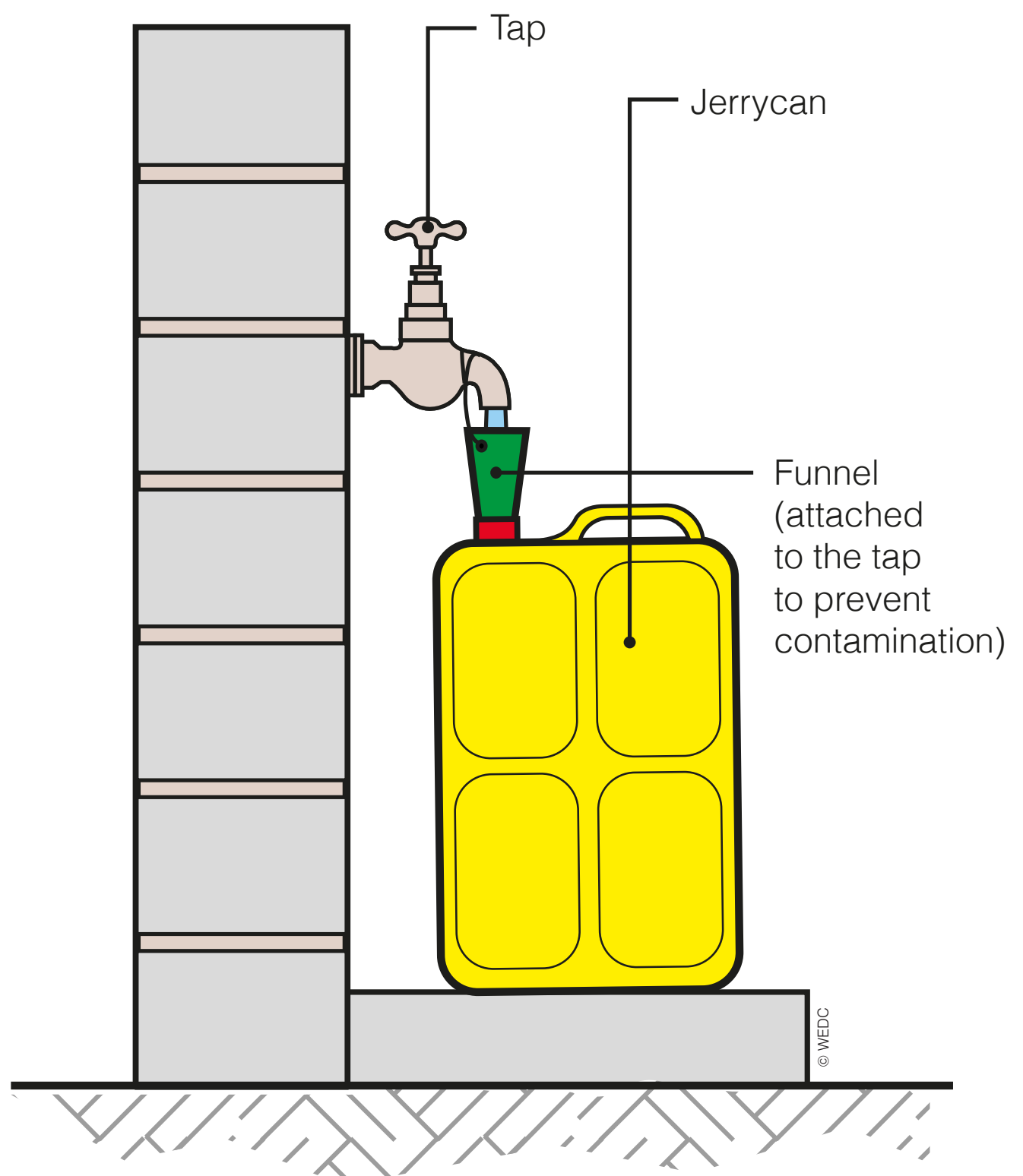
To prevent water points from becoming muddy, an 'apron' should be installed to contain spillage and direct it away from the site. An apron design needs to cater for the types of container that are commonly used by the community. A lot of water can be wasted if the container, such as a jerrycan, has a small opening and cannot be set at the right distance from the spout to concentrate the flow of water into a manageable stream.

Water collection will be quicker if less is wasted. The amount of water that the disposal system needs to cope with will also be reduced. A raised concrete (or brick) plinth under a pump's spout may bring the opening of the container to the right height, helping to prevent waste. Use of a permanently installed funnel (such as a plastic bottle with the base removed) may also be necessary.

INCORRECT DESIGNS



CORRECT DESIGN



Source: SKINNER, B. H. 2012. *An engineer's guide to apron slabs for water points: WEDC Booklet No. 3*. Loughborough UK: WEDC, Loughborough University