



Whilst we really want you to have fun in the Heritage Water Park here are some very important things for you to be aware of :

Because the Museum and Water Park has working machinery, children should be supervised by a responsible adult at all times.

**VERY IMPORTANT.  
DO NOT DRINK THE WATER**

The water in the Park is recycled and not meant for drinking. The supply is routinely chlorinated and tested.

As this is a park for all ages, please

- No dogs (except assistance dogs)
- No ball games, bikes, scooters or skateboards
- No litter; please bin it or take it home

**Why not encourage your local school to visit the Waterworks Museum?  
School visits to the Museum are entirely free of charge**

## Learn about history in the Water Park

**Capstan Pump** Roman origins but still animal-driven throughout the world, typically by ponies, donkeys and oxen

**Water Filter** Sand filters were developed in Britain (1850s) and are still in use worldwide

**Semi-Rotary Pump** Developed in the late 19th century and used widely from the 1930s

**Beam and Bucket Pump** Called a shaduf in ancient Egypt and used since about 2000BC in the middle east and then worldwide

**Village Pump** Began as a wooden pump in the 18th century, then made of iron or lead. Maximum lift about 7 metres

**Yoke and Buckets** Used since early man began to farm; still used throughout the world to carry water and milk

**Stirrup Pump** Developed in Britain in the 1930s. Used in WW2 for extinguishing fire bombs

**Village Well** Used ever since people could dig down for water; in worldwide use

**Reciprocating Pump** This model was made in 1938 and used to supply water for Kinwarton in Warwickshire. Originally driven by an electric motor

**Water Wheel and Hydro-Electric Generator** This is an overshot waterwheel, the most efficient type. Waterwheels date from Roman times; hydro-electric power was developed in Britain in the 1880s

This park was built with support from



## Waterworks Museum - Hereford

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Waterworks Museum - Hereford is a charitable trust, supported by donated funds and volunteer help  
Registered Charity No 515866



# The Noel Meeke Heritage Water Park

A paradise for children of all ages where you can safely lift, pump, carry and filter water just as it was done long, long ago



**Kids: water is really cool and fun so this Water Park is just for you!**



# Welcome to the Noel Meeke Heritage Water Park

The park is designed to increase the enjoyment of young visitors to the Museum, but **all** visitors are encouraged to enter and have a go with the historic water devices.

Try many ways of lifting, pumping, carrying and filtering water that were used long, long ago.

Here are some of the things you can do:

## Any questions?

If you have any questions or need help with any of the items in the Water Park please ask a Museum Steward

### Station 3

#### Beam and Bucket Pump

Use the beam and bucket pump to lift water

### Station 2

#### Water Filter

Pour muddy water through the filter and see clearer water come through at the bottom

#### Semi-Rotary Pumps

Pump water with the semi-rotary pumps

#### Water Valve

Operate the big water valve by turning the wheel

### Station 1

#### 'Animal' Powered Capstan Pump

Push the pump handles round on the capstan pump just like a pony or donkey used to do in olden times and see the water flow

### Station 4

#### Yoke and Buckets

Carry water in buckets with the yoke to feel what hard work it was in olden times

#### Stirrup Pump

Operate the stirrup pump as it was in World War Two

#### Village Pump

Make the village pump work to lift water

### Station 5

#### Well and Windlass

Turn the handle and lift water from the well

### Station 6

#### Reciprocating Pump

Turn the handle on the big wheel of the reciprocating pump (hard work) and see the water flow

#### Water Wheel and Hydro-Electric Generator

Make the waterwheel work and produce hydro-electric power

Entrance

Water  
Purification  
Area

No Public  
Access

Seating

Potter's  
Bench

Seating

## REMEMBER

We really want you to have fun in the Water Park but take care and play it safe!

For user safety and security CCTV may be in operation