

## WESTONZOYLAND LIGHT RAILWAY

Ride behind one of our vintage industrial locomotives aboard our passenger train! Learn about how these little railways helped maintain rivers, extract peat and operate in almost any industry you can imagine. Take a look around our new Locomotive Shed!

### CAN YOU SPOT ALL OF OUR LOCOS?



MOTOR RAIL SIMPLEX 40S



LISTER RAILTRUCK 42319



PLANET Y TYPE 1830



LISTER RAILTRUCK 34758



CLAYTON 4TE/21HP/120V



LISTER RAILTRUCK 6299



## TOP 5 THINGS TO SEE...



1

### 1861 EASTON AMOS STEAM LAND DRAINAGE MACHINE

The only original steam engine to the site, installed here in 1861 to replace an earlier beam engine and scoop wheel from 1830. It is capable of pumping 100 tons of water per minute and has received an Engineering Heritage Award!

### VICTORIAN FORGE

The forge here was used by the station attendant to make running repairs. Spot the leather bellows used to blast air into the fire to produce sufficient heat to make steel red hot (about 900C) and hammers to shape it on the anvil. Demonstrated on certain event days by our blacksmith.



2



3

### THE LYNN STEAM WINCH

Originally installed at Hemyock Dairy near Wellington. The branch line dairy yard was separated by a level crossing with a restriction on steam locomotives, so this winch was used to haul milk wagons from the station into the dairy via a wire rope!

### MARSHALL STEAM PORTABLE BOILER

Built in 1938 and supplied new to Metropolitan Water Board, London (now Thames Water), as a standby boiler during WWII. It holds over 660 gallons (3000 litres) of water heated by burning coal and scrap wood to produce steam to a pressure of 50psi.



4



5

### THE RIVER PARRETT

Head up past the keepers cottage to the river bank. The River Parrett is 37miles (60km) long starting in the hills of Chedington in Dorset all the way to Bridgwater Bay on the Bristol Channel. Between Langport & Bridgwater the River drops only 1 foot (30cm) per mile (1.6km)!



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- COMPLIMENTARY GUIDE BOOK\*

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ADULT £22 | JOINT/FAMILY £35 | YOUNG ADULT (16-25) £10

DO YOU HAVE SOME SPARE TIME? NEW VOLUNTEERS ARE ALWAYS WELCOME! SPEAK TO ONE OF OUR TEAM TODAY OR SEND US AN EMAIL.

## THANK YOU FOR VISITING

The Westonzoyland Engine Trust is a Registered Charity No. 279765. It is an independant Museum, run entirely by volunteers. We rely on your entry, kind donations and sales in our Shop & Cafe to survive. If you want to find out more on the history of land drainage, the Museum and its collections, please purchase a copy of our full guide book from our shop or online!

FOR OPENING TIMES, STEAMING AND SPECIAL EVENT DATES PLEASE PICK UP A LEAFLET OR VISIT OUR WEBSITE!

### Westonzoyland Pumping Station Museum

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[www.wzlet.org](http://www.wzlet.org)



# WESTONZOYLAND

BRIDGWATER - SOMERSET

## PUMPING STATION

# MUSEUM

OF STEAM POWER & LAND DRAINAGE

## POCKET GUIDE



WESTONZOYLAND  
ENGINE TRUST  
REGISTERED CHARITY 279765

# WELCOME...

...to the home of Somerset's first steam-powered land drainage machine. Westonzoyland Pumping Station Museum offers visitors the chance to see one of the largest collections of working steam engines and pumps in England. Established in 1830 the Grade II\* listed buildings house a unique 'award winning' 1861 Easton Amos Steam Land Drainage Machine capable of pumping 100 tons of flood water per minute, the equivalent of emptying 7 bath tubs a second!

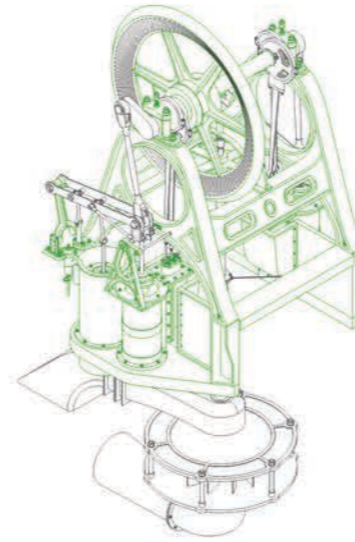
The Museum displays and operates a large variety of working steam engines, pumps, winches and turbines with the majority having connections to Somerset's industrial heritage. Our engines have driven brickworks, breweries, powered hospitals, hauled milk tankers and pumped creosote to name just a few!

Find out how it has been possible to live and farm here for the past 190 years!

The original pumping station building dates from 1830 and was the first one to be built on the Somerset Levels, following developments and plans by land-owners to control the flooding and draining of the low-lying fields. Built of brick, it still stands today, the only one surviving (in the area) with its pumping engine still intact and functional. It is a humble design, but English Heritage has listed it Grade II\*.

It originally had a beam engine driving a huge scoop wheel to lift water into the River Parrett. This caused the whole area of the moors around the station to sink due to the removal of excess water.

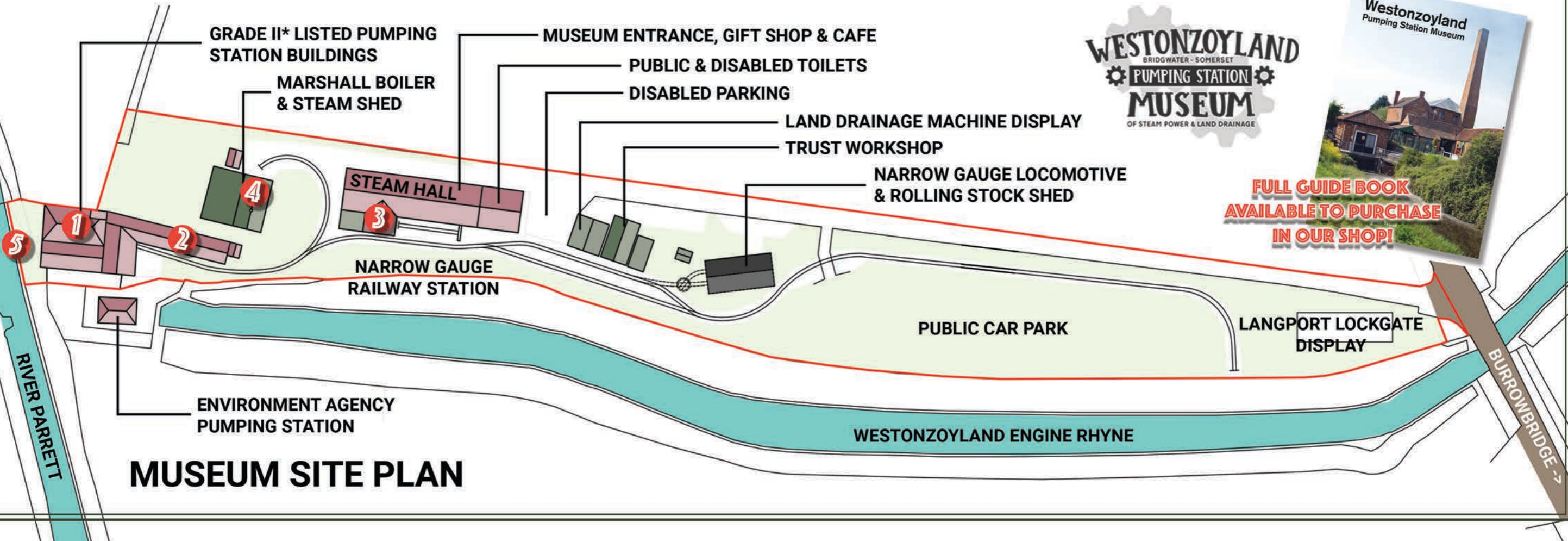
After 30 years a more powerful and efficient Easton & Amos Drainage Machine was installed in 1861, with a centrifugal pump, the impeller of which is of a design perfected by John George Appold. This machine will lift 100 tons of water per minute to a height of between 6 and 10 feet (1.8 to 3 metres) depending on the level of the tide. These installations were so successful that other similar pumping stations were erected along the Parrett.



The steam pump was superseded in 1951 by a modern diesel unit which is housed in a building alongside its predecessor, although unsubstantiated stories tell of the pump being run as late as 1960, driven by Clifford Thyer, the last attendant of the pumping station. The majority of the other steam pumps have been dismantled and scrapped in favour of diesel or electric units leaving the Easton & Amos Drainage Machine at Westonzoyland as the only steam pump still in working order in its original position.

Next to the main pump house is a single-storey brick-built section, containing a forge and the old Lancashire boiler. Above the main engine house three rooms formed the original keepers accommodation. When the pumping station was upgraded in 1861 additional accommodation was built comprising a two storey section alongside the main building. This provided a living room and kitchen and a further two bedrooms upstairs. There have only been three families in the entire lifetime of the pumping station. The attendant and his family were provided the accommodation and a free supply of coal. The attendant was even permitted to carry out other work when not operating the pumping station.

After the last attendant left it fell into disrepair until members from the Somerset Industrial Archaeological Society decided to move in and tackle the repair work in the late 70's, subsequently forming the Westonzoyland Engine Trust.



**FULL GUIDE BOOK  
AVAILABLE TO PURCHASE  
IN OUR SHOP!**