

The Journal

of the
Herefordshire Waterworks Museum Trust (HWMT)
INDEX

Notes

- *The Journal of the Herefordshire Waterworks Museum Trust* (cited as *JHWMT*) is a valuable resource for those interested in the formation and early history of Hereford's Waterworks Museum.
- *JHWMT* began as a quarterly publication in July 1975 and ran until Autumn 1997 when the first issue of *WaterWords* came out. Approximately 23 numbers appeared during this period.
- The *JHWMT* publication is numbered by volume (expressed in bold face) changing annually. Issues for each volume are here cited: (1), (2), (3) & (4). Page numbers are given after the issue number, following a comma.
- This index covers the *JHWMT* while a separate index has been compiled for *Waterwords*.
- The index is general and lists names, places and subjects together alphabetically

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Hot-air engines: Hayward-Tyler c.1890 donated by J H Robinson of Swainshill **1** (1), 3 & 7;

Hughes, John: Steam Day Museum Assistant **1** (2), 5; & **1** (4), 9; & **2** (2), 7;

Hughes, Stephen: Assistance in making of 'Blue Peter' programme **3** (3), 7& 8;

Humfrys, Mayor Mr William John: Set in motion new pumping machinery at Hereford Waterworks **2** (2), 14;

Hunslet Locomotive Company Of Leeds: Builders of Saddle Tank Engine at Brecon Mountain Railway **5** (6), 8;

Hutchinson, J: Letter published from Public Works Dept. West Perth.W.A. **1** (2), 2;

Hutton, H: Director of Riley of Stockton Ltd **2** (1), 5;

Hydraulic rams: Hayward-Tyler triple throw donated by Dee & Clwyd **1** (1), 7; Article on making of **1** (4), 5; Tedstone Court Water Supply **1** (4), 6; Continuing restoration by Bob Benson **4** (3), 4;

Hydrostats: two water-operated pumps donated by Taf Fechan **1** (1), 7; **1** (3), 4; Article on making of **1** (4), 4; Continuing restoration by Bob Benson **4** (3), 4;

Hyett, G: Attendance at first Steam Day **1** (4), 9;

I.C.E. Ltd: Arrival of film crew to shoot scenes for the CEGB **5** (3), 4;

Indicating, Steam: see Steam Engine Indicating.

Institute of Water Engineers & Scientists: Article about Museum **1** (3), 4;

Intakes: Original & Credenhill intakes- Hereford, Sketch by W.H.Austin **2** (4), i;

Ironbridge: Itinerary of members trip to Ironbridge Sep 10th 1978 **4** (1), 7;

Italianate Water tower 1881: Possibility to include into Museum Premises **1** (2), 1;

International Institute for Hydraulic and Environmental Engineering in the Netherland: Letter received showing interest in visiting Museum **2** (4), 1;

Jeynes, Adam: Engine driver **2** (2), 14;

Jeynes, Ted: His experience of working for a Month at Bromsberrow Pumping Station **5** (3), 11; Writer of articles in 'Model Engineer' entitled 'Jeynes Corner' **5** (3), 12; Announcement of death of Ted Jeynes **5** (4), 2; His obituary (An appreciation) **5** (4), 12;

John Thompson: Lancashire Boiler **5** (2), 7;

Titt, John Wallis of Warminster: Builder of new windmill at Alton Court, Ross **5** (4), 7;

Jones & Snead: Contractors for external work & supply of portaloos for museum **5** (8), 4;

Joseph Evans & Sons of Wolverhampton: Builders of Cornish Pump in 1888 **1** (2), 2; Makers of Triple Action Vertical Ram Pump **5** (7), 16;

Kempton Park Waterworks: Triple Expansion Engine **4** (2), 8;

Kent Water Meter: Restoration by Mr Penhale **1** (4), 2;

Kingsland Sawmills Ltd: donate 3 no. 2' gauge timber wagons **1** (1), 7;

Kingstone High School: boys clear rubble and soot from boiler flues **1** (1), 5; Restoration of Motor Rail Armoured Locomotive No 1381 **4** (2), 17; Photo (Motor Rail Loco) **5** (2), 14 & 16;

Kyrle, John: Supplied Ross-On-Wye with water in 1660 **5** (3), 19;

Lafford, F,Jim : HWMT restoration work supervisor **1** (1), ii & 1; fitting of mechanical lubricator & blow down valves **1** (2), 4; Thanks by Stephen Southall **1** (3), 2; Opening of main engine valve **1** (4), 8; Thanks for assistance on Steam day **2** (2), 7; Repair to soot doors & balance weight moved on Lancashire boiler **2** (3), 3; Firing of Boiler on Steam Day in June 1977 **3** (1), 4; Announcement of appointment as Museum Engineer **3** (2), 3; Installation of electrically driven air compressor **3** (2), 6; & **3** (3), 2; Provided extension & drain to exhaust pipe of feed pump **3** (3), 2; Appearance in making of 'Blue Peter' programme **3** (3), 7; Alterations to Boiler pipe layout **4** (2), 5; Removal of fusible plugs from boiler & repair **5** (1), 4; & **5** (2), 3; Rectifying movement in the high pressure crosshead of the Triple Engine **5** (2), 3; Contributions to Water Supplies Series **5** (3), 15; Replacement of broken windows in Museum **5** (4), 3; Water Supplies Part 2, (Ross Urban Water Supplies) **5** (4), 5; Installation of new floor in Bay 9 **5** (5), 4; Water Supplies Part 3, (Llangarron & Llangrove) **5** (5), 9; Water Supplies part 4 **5** (7), 4; Article in "The Ross Gazette" **5** (7), 12; Notes on Ross-on-Wye water supplies **5** (7), 15;

Lake, Kevin: making recordings for WSM Community Radio (Telford) **5** (1), 4;

Lancashire Boiler (1895): insurance inspection & overhaul **1** (1), 5; Re-commissioning **1** (2), 4; Prospect of Re-commissioning **1** (4), 7; Plasterer Bernard Mitchell **1** (4), 8; Riley Brothers confirmed as manufacturers **2** (1), 5; Possible registration details of manufacture 1895 **2** (1), 5; Soot doors repaired & balance weight moved **2** (3), 3; Article by 'The Engineer' **2** (3), 15; Performance report **2** (4), 17;

Installed at Chelvey Works of Bristol **3** (1), 11; Vacuum Ejector constructed to assist in cleaning of flue **4** (2), 5; Alterations made to pipe layout made by Jim Lafford **4** (2), 5; John Thompson Type replacement Lancashire Boiler **5** (2), 7; Photo **5** (2), 6;

Lean, Thomas: Author of book 'Steam Engines in Cornwall' **2** (4), 14;

Leeghwater, Jan Adriaenz: Engineer, contributor to the draining of Haarlemmer-meer **5** (6), 12;

Lerry & Co: Recommendation of use of Magnesia non-conducting material (could be Riley & Co) **1** (3), 8;

Lighting Committee: Ref increase in size of Boiler **1** (3), 8;

Lilleshall Triple Expansion Ram Pump: Visited at Chelvey Works of Bristol **3** (1), 11;

Lindley, Mr K: Co-opted onto Trust **2** (3), i;

Lister Co (Dursley): locomotive rails planned **1**, (1), 2; Painter bros donate 2' gauge Lister loco **1** (1), 7; 5 HP Diesel Engine installed at Ross-on-Wye **5** (7), 16;

Lister Petrol Engine: 2 HP Engine to Drive Tangye Horizontal Pump **1** (4), 2; & **2** (4), 3; Supporting framework made by Gordon Rye **2** (4), 3; Supply tank & pipe work fitted to display **3** (1), 3; Petrol Engine in use at Upton Bishop **5** (7), 10;

Lister Pump: Tedstone Court Water Supply **1** (4), 6; H2 Pump in use at Upton Bishop **5** (7), 10;

Locomotives: rails & overhaul planned for Lister & wagons **1** (1), 2 & 3; Lister loco donated **1** (1), 7; Hibberd & Co loco donated **1** (1), 7; Photo of Lister petrol loco & skip wagons **5** (7), 11;

Lubrication: Of Two Cylinder Engine **2** (4), 5; Albert Paine patented a Forced Lubricating System in 1890/92 **3** (2), 9;

Magnesia non-conducting material: Used for covering Boilers & Pipes **1** (3), 8;

Mahler – Hayley: Display of Multiscreen Components **1** (4), 2;

Marshall, Mr Eric: Thanks for assistance on Steam Day **2** (2), 7; Added to list of Officers as Operations Manager **2** (3), i; Report on Steam Day & operations in Aug 1977 **3** (1), 4; Repair of faulty valve on triple engine **3** (1), 4; Sawing of wood on Steam day in Sept 1977 **3** (2), 4; Hints & Tips for Repairers **3** (3), 12; & **5** (2), 19; Removing Keys & Flywheels **3** (4), 6 to 10; Use of Heat for Dismantling **4** (1), 8; Overhaul of second hand Pyrometer for boiler **4** (3), 4; Installation of small pump to level gauge display **4** (3), 4; Removal of fusible plugs from boiler & repair **5** (1), 4; Report on work carried out in Bay 5 **5** (1), 5; Rectification of movement in the high pressure crosshead of the Triple Engine **5** (2), 3; Replacement of broken windows in Museum **5** (4), 3; Collection of Wagon Turntable from Tile Works **5** (4), 4; Installation of new floor in Bay 9 **5** (5), 4; Photo of attempt to start Loco by hand **5** (5), 19; Permission granted for construction of demonstration railway **5** (8), 3; Acting as temporary joint Curator of Museum **5** (8), 16;

Marshall, Helen: Valuable assistance in preparation of Museum **5** (5), 4;

Massington Pumping Station: 15HP Fielding & Platt horizontal diesel engine **5** (3), 18;

Mathews, Mr. J: Donation of Tangye 4 ½" Bore Vertical Plunger Pump used in Grandstand Road Farm **2** (3), 8;

Maudsley, Henry: Introduced Vertical 'Table Engine' in 1804 **3** (2), 7;

Mayor of Hereford: Attendance at May Day Bank Holiday 1978 **3** (4), 4;

Mawdsley, Ian: Demonstrating Railway **1** (2), 4;

Meldrum Bros Of Timperley, Manchester: Possible constructors of Lancashire Boiler **1** (3), 8; forced draught system **1** (3), 9 & 10;

Metalwork Supplies: Loan of diesel driven arc-welder by Arthur Watkins for work on Loco **5** (5), 13;

Metropolitan Water Board: Table of efficiency of pumping units & indicator diagrams in 1937 **4** (2), 7;

McInnes Patent Indicator: Indefinite loan made by Peter Allen **4** (1), 5;

Mitchell, Bernard: Plasterer of Lancashire Boiler **1** (4), 8;

Morris's Coach Yard, Bromyard: Visit by Patrick Edwards to view collection of old Diesel Engines **3** (3), 5;

Motor Rail & Tramcar Co Ltd of Bedford: Producer & Supplier of Motor Rail Armoured Locomotive No 1381 **4** (2), 16; Started by John Dixon Abbott in 1911 **5** (1), 9; Photo **5** (2), 13;

Much Wenlock Railway Station: Site of use of 2 ½" Cast Iron Hand Pump **2** (3), 8;

Murdock: (Assistant to James Watt) Inventor of Slide Valve **3** (1), 9;

Mullen, Maureen: assisted with producing *Journal* **1** (1), 1; Replaced by Mrs Diane Barrington; **1** (2), 3;

Mundaring Weir Museum: Similar Museum in Darling Ranges, 40 k's from Perth W.A. **1** (2), 2;

Museum: Significant improvements made by volunteers and Innet Homes **5** (1), 3; Visit by Farnborough Railway Enthusiasts Club in 1979 **5** (1), 4; Visit by Lady Brecon & Family in 1979 **5** (1), 4; Letter to Industry in Hereford in 1979 **5** (1), 17; Contract placed for re-roofing the Museum due to Grant from the Ancient Monuments department of the Environment **5** (2), 4; Re-roofing of Museum complete by Roundway Roofing Co **5** (3), 3; Arrival of film crew to shoot scenes for the CEGB **5** (3), 4; Photo of roof under repair **5** (4), 2; Flooding of Museum in Dec 1979 **5** (4), 3; Replacement of broken windows by Jim Lafford & Eric Marshall **5** (4), 3; Building of replica cottage kitchen by Patrick Edwards & Richard **5** (4), 3; Partition erected in bay 9 by Mike Page **5** (4), 4; Doors to Boilerhouse made by Ted Wade **5** (4), 4; Erection of door & screen to workshop **5** (5), 4; Space above office panelled by Inett Homes & Mike Page **5** (5), 4; Installation of new floor in Bay 9 by Eric Marshall, Jim Lafford & David Ball **5** (5), 4; Extensive rewiring of Bay 9 by Mike Page **5** (5), 4; & **5** (6), 3; Valuable assistance in preparation of museum by Helen Marshall, Jane Townsend & Mary Burgess **5** (5), 4; Provision of flowering bulbs by Charles Wheatley **5** (5), 4; Report on members visit to Severn Valley Railway (1980) **5** (6), 17; Removal of old paint by Herbert Penhale **5** (7), 4; Artist impression of original refreshment area **5** (7), 8; Proposed Ground Floor Plan of addition to Museum **5** (8), back page; Side view of proposed addition to Museum **5** (8), front page; Photo of painting engine house **5** (8), 2; Cllr Bert Evans contribution to obtaining grant **5** (8), 4; Contracts given to Messrs Jones & Snead for external work & portalos **5** (8), 4; Article by John Townsend "Into The Future" **5** (8), 5; Stuart B Smith, adviser to design of Museum **5** (8), 8; Needham & Taylor appointed Architects for Museum alterations **5** (8), 9; Planning approval granted for developments in 1980 **5** (8), 9; Photo of refreshment area under construction **5** (8), 14; Article by Stephen Southall "A Retiring Type" relating to the retirement of John Townsend as Curator to the Museum **5** (8), 15; Eric Marshall & Herbert Penhale acting as temporary joint Curators **5** (8), 16;

Museum Engineer: Announcement of Jim Lafford as Museum Engineer **3** (2), 3;

Musgrove, Mr Wallace: Guidance of members around Allermoor & Currymoor Pumping stations during visit **5** (2), 7;

National Gas Engine Co Ltd 1912: Builders of 32 HP Gas Engine (9 inch bore) **1** (2), 2; 34 Hp Gas Engine Installed at Alton Court, Ross **5** (4), 8;

National Water Council Magazine-Water: Article about Water Museum **1** (3), 4;

Naylor & Co, Friar St, Hereford: Testing of Lancashire Boiler **1** (3), 8; Remake of joints in H.P. & I.P. cylinders to cure leaks **2** (2), 15; Fixing of Cast Iron patch to bottom of barrel **2** (2), 16; Cleaned & painted Triple Expansion Engine in Aug 1907 **2** (2), 17;

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Newnham Bridge Station: Pump that supplied water to Gents Lavatory & Photos **5** (6), 18 & 19;

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Norris R N: assisted with producing *Journal* **1** (1), 1;

Nyeri, Mt Kenya: Has largest Rams made in U.K. **1** (4), 5;

Obituaries: W D Porter **1** (1), iii;

Open Days: Vintage Day at Bulmers Railway Centre **1** (1), 8;

Oswestry Waterworks: donate Wallace & Tiernan bell jar chlorinator & 2' gauge Hibberd locomotive **1** (1), 7; & **1** (4), 2; **1** (3), 4;

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Paine, Albert: Patented a Forced Lubricating System in 1890/92 **3** (2), 9;

Painter Bros (Hereford) Ltd: donate Lister 2' gauge locomotive **1** (1), 7;

Park Holland & Co Ltd (Stoke-on-Trent): check interior of Lancashire Boiler (1895) **1** (1), 6; fitters of pipework connecting Pump to Boiler **1** (3), 14;

Parker, C.E., Mr John: City Surveyor who got plans passed for the building of new Waterworks Tower **5** (3), 6;

Parry, Phil: Repair work carried out to brickwork & floor in Bay 5 & well head **4** (3), 4;

Pelton Wheels: Used to service Reservoirs **1** (4), 4;

Penberthy Injector: supplies water to Lancashire boiler **1** (1), 6;

Penhale Herbert, R: HWMT secretary **1** (1), ii & 1; Steam Day Assistant **1** (2), 5; **1** (3), 1, 2 & 7; **4** (2), 5; Restoration of Kent Water Meter **1** (4), 2; Steam Day Assistance **1** (4), 9; & **2** (2), 7; Announcement of Mr. W. Austin retirement from the Herefordshire Water Division of the Welsh National Water Development Authority **3** (1), 2; Announcement of death of M.H. Thomas **3** (4), 2; Gratitude given for conducting Tour for members around New Waterworks **4** (1), 6 & 12; Removal of old paint in engine house **5** (7), 4; Acting as temporary joint Curator of Museum **5** (8), 16;

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Ponthir Sewage Works: Donation of Skips, Point Levers & Points for railway **3** (3), 3;

Poppet Valve: Fitted to outlet of Ram **1** (4), 4;

Porter W D: notice of death **1** (1), iii; **1** (3), 1;

Preece, Mr & Mrs: donate 2½" domestic pump from Harewood End **1** (1), 7; **1** (3), 4; & **2** (3), 8;

Puddle, G: Stoker for Engine Driver Adam Jeynes **2** (2), 15;

Pumps: bore-hole from Swainshill **1** (1), 3; Vertical Simplex **1** (1), 6; 2½" domestic from Harewood End donated **1** (1), 7; hydrostates donated by Taf Fechan **1** (1), 7; Cast Iron Lift Pump **1** (4), 2; No 3 Pump 1862 **1** (4), 2; Lister Pump at Tedstone Court Water Supply **1** (4), 6; New pumping machinery set in motion by Mayor Mr W.J. Humfrys **2** (2), 14; 2 ½" Cast Iron Hand Pumps, photograph & donators Mr & Mrs Preece & Much Wenlock Railway Station **2** (3), 8; Extension & drain fitted to exhaust of Feed pump to Boiler by Jim Lafford **3** (3), 2; New Valve, Guide Rods & Gland Follower Plate fitted to Coventry Climax Hydrostat by Bob Benson **3** (3), 2; Visit by Patrick Edwards to Tedstone Court to view possible donation of Ram Pump **3** (3), 5; Appold centrifugal vertical pump **5** (2), 7; Photos of Horizontal Tangye Pumps **5** (3), 13; Hereford City Fathers supply wooden pump for public use in 1596 **5** (3), 15; Warner Bros Tree Throw Plunger Pump Installed in Crooked Well Works **5** (3), 18; Double acting Cornish Pump installed at Alton Court in 1888 **5** (3), 19; Five stage centrifugal pump installed into Alton Court in 1930 **5** (3), 19; Photo of 3inch cast iron hand pump **5** (4), front page; Triple Vertical lift & force pump made by Owens of London (used in Ross) **5** (4), 5; Triple Ram Pump installed at Alton Court, Ross **5** (4),7; Diagram through wooden pump **5** (4), 14; Photo of Cast Iron Pump **5** (4), 14; Article on Hand Pumps by Patrick Edwards **5** (4), 15; Photo of Llangarron water wheel & pump **5** (5), 8; Newnham Bridge Station Toilet Pump **5** (6), 18 & 19; Sketch of Heath Pump House **5** (7), 2; Hope & Anchor, site of original pumping station in Ross-on-Wye **5** (7), 12; Owen Pump **5** (7), 16;

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Rotherwas Water Hydrant: Mounted on brick plinth in Bay 5 **5** (6), 4;

Roundway Roofing Co: Re-roofing of Museum **5** (3), 3;

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Salop Steam Society: Assistance given on opening day of Museum **1** (3), 2;

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Southall, Scot: Thanks for attendance on Steam Day **2** (2), 7;

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