

1924-27 Mr Parkin was Deputy Engineer to the Borough Engineer of Hastings, dealing with road reconstruction, sea defence works and groynes, Hastings Corporation (Water) Bill 1926, Sedlescombe Water Scheme, and development of housing estates. He was Deputy City Engineer under the late Mr R. J. Jenkins, F.S.I., City Engineer, Portsmouth, from 1927-34, dealing with the Portsmouth Corporation Act 1930, for the construction of the Municipal Airport, provisional order for construction of Victoria Pier and Slipway, Portsmouth Corporation Act 1931, and reconstruction of berthing accommodation and quays at Camber Docks, Portsmouth.

From 1934 until he retired in 1953, Mr Parkin was City Engineer, Portsmouth. Some of the major jobs with which he was concerned were the road reconstruction works following the abandonment of tramways, Eastern Road extension, Five Years' Road Programme in conjunction with the Ministry of Transport, main drainage and sewage disposal, pumping stations, West Wymering and Paulsgrove Main Drainage Scheme, Starnshaw Flood Prevention Scheme, reconstruction of boat-building yard and slipway at Camber Docks, and transit-shed scheme at Camber Docks, Hilsea promenade and sea wall, District Regional Town Planning Scheme, factory buildings at Portsmouth Airport, Infectious Diseases Hospital extensions, home for aged blind, branch library, Cosham, Victoria Park Baths, Guildhall extensions, Hilsea Lido and open-air bathing pool, and Civil Defence works. The Empire Air Base Scheme (Consulting Engineers, Messrs Coode, Wilson, Mitchel and Vaughan-Lee) further widened his responsibilities.

Mr Parkin was made O.B.E. in 1942. He was a Member of the Institution of Municipal Engineers.

Elected an Associate Member in 1923, he was transferred to the class of Members in 1940. He was Chairman of the Southern Association in 1940-41.

Mr Parkin is survived by his widow.

EDWARD SANDEMAN, M.Sc., who was born on 8 December, 1862, died on 8 February, 1959, at Shaldon, Devon.

He was articled to the late Mr W. B. Bryan, Borough and Water Engineer of Blackburn, in 1880, and was subsequently employed on the Blackburn water-works extension. In 1891 he was appointed Water Engineer of Plymouth, and was responsible for the design and construction of the Burrator Reservoir on Dartmoor. He became the first Chief Engineer to the newly formed Derwent Valley Water Board in 1900, and built the Derwent and Howden reservoirs and other works for the supply of water to the cities of Nottingham, Leicester, Derby, and Sheffield.

In 1912 Mr Sandeman set up in private practice as a consultant specializing in water supply, and designed and constructed numerous works for local authorities, water boards, and water companies throughout Britain. Among the many dams with which his name will always be associated are Burnhope, Silent Valley, Ryburn, and Fernworthy.

He was appointed Associate Professor of Water Supply and Irrigation in the University of Manchester in 1913. The firm of Edward Sandeman and Partners was formed in 1935, and in 1941 became Edward Sandeman, Kennard and Partners.

Mr Sandeman was awarded a Crampton Prize in 1900 for his Paper on the Burrator Works¹, and a Telford Gold Medal in 1918 for his Paper on the Der-

went Valley Waterworks². He was also the Author of a Paper on the River Derwent³. A founder member of the British Association of Water Works Engineers, and of its successor, the Institution of Water Engineers, he served as President in 1911-12 and was elected an Honorary Member in 1949. He served as a member of the Institution's Floods Committee and on several Government and scientific committees.

Elected an Associate Member in 1888, he was transferred to the class of Members in 1897.

He is survived by two sons.

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1. Edward Sandeman, "The Burrator Works for the water-supply of Plymouth". Min. Proc. Instn civ. Engrs, vol. 146 (1900-01), p. 2.
 2. Edward Sandeman, "Measurement of the flow of the River Derwent, Derbyshire". Min. Proc. Instn civ. Engrs, vol. 194 (1912-13), p. 20.
 3. Edward Sandeman, "Derwent Valley Waterworks". Min. Proc. Instn civ. Engrs, vol. 206 (1917-18), p. 152.
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