

ASSOCIATION OF ONTARIO LAND SURVEYORS

He was a member of the Alumni Association of Toronto University, the Association of Ontario Land Surveyors, and the Engineers Club of Baltimore. At his death he was Chairman of the Board of Deacons and a Trustee of the Seventh Baptist Church of Baltimore.

Mr. Apsey died at his home, 2118 St. Paul Street, Baltimore, Maryland, on February 21st, 1941, after a heart illness of about two months.

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ANDREW LAKE McCULLOCH

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Andrew Lake McCulloch was born April 18th, 1865, at Galt, and was the son of Robert McCulloch who was born in Scotland and was a resident of Hawkesville, Ont.

He received his early education at the Hawkesville Public School, the Kitchener High School and at S.P.S. Toronto University from which he graduated in the year 1887.

He received his commission as an Ontario Land Surveyor, November 10th, 1888, after serving an apprenticeship with H. J. Bowman, O.L.S., from 30th June, 1887, to 30th June, 1888. He was elected an associate member of the Engineering Institute of Canada in 1891 and was elected a Member in 1909. He was elected a member of the Association of Professional Engineers of British Columbia in 1920. The date of his P.L.S. Commission was 1903.

From the year 1888 to 1897 he practised Land Surveying and Engineering in Ontario, during this time was resident Engineer on construction of Water Works System in Galt, Kincardine, Pembroke and Petrolia, and on sewerage systems in West Toronto Junction and Barrie. Was engineer in charge of construction of the Galt, Preston and Hespeler Railway, this railway system was later taken over by the C.P.R.

In 1897 he came West and was appointed the first City Engineer of the City of Nelson.

Here he laid out the City's main streets, constructing the retaining walls on Baker and Ward Streets, fills which were made in the bed of Ward Creek, designed and constructed the City's water works and sewerage system and selected the site, planned and constructed the Municipal Hydro-Electric plant at Bonnington Falls.

COMMITTEE ON BIOGRAPHY

He retired as City Engineer in 1907 and entered private practice specializing as a hydraulics engineer. He designed and built water systems for Cranbrook, Trail, Kaslo, Greenwood, Erickson, Canyon, East Creston and Nakusp, also plans and report in connection with the Hydro-Electric development on St. Mary's River, Powel River, Cloholm River, Kettle River, Kootenay River and Whatsham River, Kaslo, Carpenter and Woodberry Creeks and other irrigation projects in the interior.

After the war he was engaged by the Nelson Board of Trade to report on the pulp and paper possibilities of the Kootenay Lake District, he prepared a plan based on utilizing at Nelson the pulp wood supplies of the Lardeau-Duncan Valley with the aid of the Kootenay River hydro-electric power.

All the early figures of Kootenay Lake levels were his work, the Dominion hydro-electric bureau adopting his records.

The level of the 1894 flood, three years before his time, he established by connecting the level of a spike, driven in the original C.P.R. freight shed, with the official datum plane.

He did considerable survey work in British Columbia including the first town site at Prince George.

As a surveyor he had a wide acquaintance with the entire Kootenay, both East and West. Mr. McCulloch naturally took an interest in mining deveopment. He was personally interested in several mines, but chiefly in the Cambourne mining area.

Just before the war he put up the McCulloch Block of stone construction on Baker Street in Nelson, B.C.

In the year 1903 he married Miss E. Kynoch, eldest daughter of William Kynoch of Galt.

Mr. and Mrs. McCulloch were among the first members of the First Presbyterian Church in Nelson, and he served on the Board of Management.

He was also a member of the Nelson Golf and Country Club, and played regularly until a few years ago.

Since his retirement, Mr. and Mrs. McCulloch spent most of their winters in California, although residing in Nelson during the summer months and it was while wintering in La Jolla that he died on May 1st, 1940, at the age of 75 years.

He is survived by his wife.