

Greenwood City Water Works Company.—*Con.*

Plant. *Location.*—Plant located at Boundary falls on Boundary creek, near Boundary Falls station, on Canadian Pacific Ry.

Installation.—Plant operates under an average head of 80 feet. Turbine—1 Allis-Chalmers, 125 h.p.; Generators—4 Allis-Chalmers, A.C., 3-phase, 80 k.w. each, 225 r.p.m., total 320 k.w.

Power. *Transmission Lines.*—3 miles of wooden pole line serve the municipality of Greenwood.

Use of Power.—Power is used for lighting.

Power is delivered adjacent to Canadian Pacific Ry.

Served also by—

West Kootenay Power and Light Company, Ltd.: See Rossland, B.C.

HEDLEY.

The Hedley Gold Mining Company, Ltd. (Hydro Power Plant No. SNL₁). Formerly the Daly Reduction Company. Jan., 1918.

Address.—Hedley, B.C.

Officials.—W. D. Thornton, Hedley, B.C. (Pres.); G. P. Jones, Hedley, B.C. (Supt.); Jas. D. Clark, Hedley, B.C. (Sec.).

History.—Plant installed in December, 1914, to supersede former plant on Twenty-mile Creek.

Capital invested in Plant and Equipment.—\$203,421.

Plant. *Location.*—Plant located on Similkameen river.

Installation.—Plant operates under an average head of 62 feet. Water is conveyed from diversion dam through 16,000 feet of flume, 9 feet wide and 7 feet deep, to a forebay, thence through a steel pipe line 8 feet in diameter to the power-house. Turbine—1 S. Morgan Smith, Francis, 28-inch, hor., double runner, 1,600 h.p., 400 r.p.m.; Generator—1 Can. West., A.C., 3-phase, 60-cycle, 1,250 k.v.a., 400 r.p.m.; Exciter—1 generator, 20 k.w., 400 r.p.m., direct connected to main unit; Auxiliary Plant—1 Can. Ingersoll-Rand steam engine, 200 h.p., 1 Goldie & McCullough steam turbine, 400 h.p., total 600 h.p.

Power. *Transmission Lines.*—7 miles of wooden pole line serves the municipality of Hedley.

Use of Power.—Power is used for lighting and operation of gold mines.

Power is delivered adjacent to Great Northern Ry.

The company operates a second plant, about 3 miles from Hedley, under a head of 412 feet, which is used for the mines only.

KAMLOOPS.

Municipality of Kamloops. (Hydro Power Plant No. SLB₁). July, 1918.*

Officials.—A. M. Tyrrell (Mayor); J. J. Carment (City Clerk).

History.—The city commenced supplying power in 1896 from a steam plant. Present hydraulic plant installed in 1914 and steam stand-by plant installed in 1913.

Capital invested in Plant and Equipment.—\$311,674.

Plant. *Official.*—C. L. Wain (Supt. and Engr.).

Location.—Plant located on Barriere river about 40 miles north of city of Kamloops and 3 miles east of Barriere station on Canadian Northern Ry.

Installation.—Plant operates under an average head of 180 feet. From the dam at the outlet of Barriere lake the water is conveyed by a timber flume, 17,800 feet in length, to the forebay, and then by penstocks to the power-house. Turbines—2 Platt, 26-inch, hor., single runner, Francis, 1,000 h.p. each, 600 r.p.m., total 2,000 h.p.; Generators—2 Can. West., A.C., 3-phase, 60-cycle, 750 k.v.a. each, 600 r.p.m., total 1,500 k.v.a.; Exciters—2 generators, 40 k.w. each, 600 r.p.m.; Transformers—1 bank of 3 Can. Gen. Elect., single-phase,

BRITISH COLUMBIA.