

The steam plant is still being operated for the street railway system, but there has been no necessity for the company to fall back upon the emergency plant installed at the Sayward mill, the engine of which was attached to a generator in order that if the water power had failed during the recent shortage additional power might have been secured. The company is now receiving about 8,000,000 gallons of water per day.

SEWERAGE AND WATERWORKS.

Manitoba.

WINNIPEG.—The final test of the Winnipeg high pressure plant made by the Fire Underwriters Association has proved entirely satisfactory, the pumps and engines doing their work perfectly, and keeping up a steady pressure of 300 lbs. to the square inch. The result of this test will likely mean a considerable reduction in insurance rates.

British Columbia.

PRINCE RUPERT.—A gang in charge of a G.T.P. engineer are busily engaged digging trenches from the source of the water supply on Hays Creek, preparatory to placing the water mains underground before the cold weather sets in; and the residents of Knoxville are doing likewise with their pipe-line which is fed from the G.T.P. main.

Alberta.

EDMONTON.—At the last meeting of the City Council that body authorized the compilation of a report by the city commissioners regarding the advisability of installing a new pumping station farther up the river, at an approximate cash outlay of \$750,000.

TELEPHONY.

Ontario.

CORNWALL.—The Stormont Telephone Co., with headquarters at Gallingtontown, has been organized. They will build from Aultsville to Gallingtontown. They expect to start with twenty-five subscribers.

MISCELLANEOUS

Quebec.

MONTREAL.—The iron industrial concerns owned and controlled by the Messrs. Drummond, of this city, it is announced, are to be consolidated into a company, to be known as the Canada Iron Corporation, capitalized at \$8,000,000. Thomas J. Drummond will be president.

Ontario.

TORONTO.—The Constructing and Paving Co. have secured permission to use asphaltic cement in the bonding of sub-grade on city streets. They will now be strong competitors of the Warren Company, which have held the right to lay down bitulithic pavements, of which they have constructed some 154,400 square yards for the city.

INGERSOLL.—The formal opening of the Reid Foundry and Machine Co. took place November 12th. The Reid Foundry is capable of producing twelve tons of moulding iron per hour. At present it is employing eighteen men, and this staff will be increased to forty when the establishment is working to its fullest capacity. Yesterday saw the real start into business. Two or three extensive contracts are under way, and the prospects of a continuous and rapidly increasing business are very luminous.

Manitoba.

WINNIPEG.—One by one the various parts of the great work at St. Andrew's Rapids are being finished. Last summer the concrete work of the lock-pit was completed, and a few days ago excavation work on the canal was finished. All the earth from this part of the work has been removed. The final stretches of concrete work on the sustaining walls forming the approaches at either end of the lock-pit are now being laid down, and, if the frost stays away for a few days, all this part of the work will be as good as complete. During the winter the central portion of the dam will be put down and the remaining piers built,

when the work will be ready for the contractors who are to put on the steel.

Alberta.

CALGARY.—During 1907 and 1908 Calgary laid several thousand square feet of concrete sidewalk. We give here a comparison of costs for the two years: 1907—59,716.58 square feet at 7 4-5 cents, 61,037.4 square feet at 8 cents, 23 catchbasins at \$22, 120 catchbasins at \$20. 1908—235,496.1 square feet at 8 cents, 180,540.3 square feet at 7 4-5 cents, 1,980.6 square feet at 7 4-5 cents, 23,135.2 square feet at 8 cents, 3,361.2 square feet at 7 4-5 cents, 12 catchbasins at \$22, 6 catchbasins at \$20.

British Columbia.

VANCOUVER.—The Government engineers are busily employed in getting out the plans for the new bridge to be built over the Columbia at Revelstoke. The office work is nearly completed, and the work of construction will be commenced at an early date. The bridge will cost in the neighborhood of \$40,000.

PERSONAL.

MR. H. H. CHARLES, formerly resident engineer on track for C.P.R. on their Sudbury line, has now charge of work on the Transcontinental Railway at Portage Road, N.B.

MR. W. FRY SCOTT, consulting structural engineer, Aberdeen Chambers, Toronto, has been engaged by the Mutual Fire Insurance Companies to give manufacturers skilled expert advice on matters of construction and protection.

MR. A. S. COOK, C.E., who for several years has been connected with the Cataract Power Co.'s interests and other work in the Niagara peninsula, has been engaged by the Lincoln Paper Mills Co. to install their new hydraulic power system at the old Lybster Cotton Mills, Merriton, Ont.

MARKET CONDITIONS.

Toronto, November 19th, 1908.

In some directions activity can be recorded. Sewer pipes, fire bricks, lime and in small parcels cement, are moving freely. But cement in large quantities is depressed and dull. Bricks continue to move rather more actively than usual at this season; pressed bricks, too, are in request both in Toronto and at outside points. Building paper and roofing felt have been active for weeks, and are now slackening off.

It is possible to chronicle more movement in lumber here since the United States election, and the movement in American lumber in the States is already larger. Local demand is mostly for spruce and hemlock, and the cheaper grades of pine; in the States there is more enquiry for pine, Southern pine is meeting with good sale, but there are signs of over-production.

Metals exhibit an active movement here in almost all directions. Pig-iron cannot be called active, but is well maintained in price. Copper is higher both here and abroad. Tin active at a slight advance. Zinc stronger and in steady request. Structural steel makers in the States are gradually obtaining more orders, though by no means the rush expected when the election should be over.

The following are wholesale prices for Toronto, where not otherwise explained, although for broken quantities higher prices are quoted:—

Antimony.—Price unchanged at 8 3/4c., with more enquiry.
Axes.—Standard makes, double bitted, \$8 to \$10; single bitted, per dozen, \$7 to \$9.

Bar Iron.—\$1.95 base, from stock to the wholesale dealer.
Boiler Plates.—3/4-inch and heavier, \$2.40. No special activity.

Boiler heads 25c. per 100 pounds advance on plate.
Boiler Tubes.—Demand limited. Lap-welded, steel, 1 1/4-inch, 10c.; 1 1/2-inch, 9c. per foot; 2-inch, \$8.50; 2 1/4-inch, \$10; 2 1/2-inch, \$10.60; 3-inch, \$12.10; 3 1/2-inch, \$15.30; 4-inch, \$19.45 per 100 feet.

Building Paper.—Plain, 30c. per roll; tarred, 40c. per roll. Business no longer brisk, but much fallen off.

Bricks.—Common structural, \$9 per thousand, wholesale, and the demand moderately active. Red and buff pressed are worth, delivered, \$18; at works, \$17.

Cement.—Market still weak; cement can be had in 1,000 barrel lots at \$1.70 per barrel, including the bags, which is equal to \$1.30 without bags. At this time of year building operations are closing down, demand is therefore naturally limited. The smaller dealers, however, are busy selling small quantities.

Coal Tar.—Season about over, price still \$3.50 per barrel.
Copper Ingot.—There is more activity in the States, and better demand here. Prices are higher, at 15 to 15 1-2c.

Detonator Caps.—75c. to \$1 per 100; case lots, 75c. per 100; broken quantities, \$1.

Dynamite. per pound, 21 to 25c., as to quantity.
Roofing Felt.—Only moderate request. Price \$1.80 per 100 pounds.

Fire Bricks.—English and Scotch, \$32.50 to \$35; American, \$28.50 to \$35 per 1,000. Demand more active.

Fuses—Electric Blasting.—Double strength, per 100, 4 feet, \$4.50; 6 feet, \$5; 8 feet, \$5.50; 10 feet, \$6. Single strength, 4 feet, \$3.50; 6 feet, \$4; 8 feet, \$4.50; 10 feet, \$5. Bennett's double tape fuse, \$6 per 1,000 feet.

Galvanized Sheets.—Apollo Brand.—Sheets 6 or 8 feet long, 30 or 36 inches wide; 10-gauge, \$3.05; 12-14-gauge, \$3.15; 16, 18, 20, \$3.35; 22-24-gauge, \$3.50; 26, \$3.75; 28, \$4.20; 29, \$4.30; 10 1/4, \$4.50 per 100 pounds. Fleur de Lis—28-gauge, \$4.30; 26-gauge, \$4.05; 22-24-gauge, \$3.50. Queen's Head—28-gauge, \$4.50; 26-gauge, \$4.25; 22-24-gauge, \$3.70. Increased demand of late.

Iron Chain.—1/2-inch, \$5.75; 5-16-inch, \$5.15; 3/4-inch, \$4.15; 7-16-inch, \$3.95; 1/2-inch, \$3.75; 9-16-inch, \$3.70; 5/8-inch, \$3.55; 3/4-inch, \$3.45; 7/8-inch, \$3.40; 1-inch, \$3.40.