

it is still one of the best towns to be found anywhere, and you will see no grass on the streets, and no lack of business and enterprise, in proof of which note the fact that they passed this week a bylaw with only eight dissenting votes, giving franchise to a company to put down deep wells for gas and install plant, etc., for heating and lighting.

November 4th, 1899.

PETROLIAN.

SIR WM. MACDONALD'S GENEROSITY.

Prof. Robertson, Dominion Commissioner of Agriculture, delivered an address before the Ottawa Public School Board, November 2nd, on the subject of the introduction of manual training into Canadian schools. At the close of the address he said: Sir Wm. Macdonald offers to pay for the equipment required for educational manual training in one place in every province in the Dominion, and also to meet the expenses of qualified teachers and incidental maintenance for three years in all those places. In Ottawa, he offers to equip and maintain for three years as many centres as are required to give all the boys (about 1,000), between the ages of 9 and 14 in the Public schools an opportunity to receive this training. It is hoped that after a year or two an equally valuable course of practical instruction, suited for girls of the same ages, may somehow be provided, and doubtless nature studies in rural schools will be joined to them. In Ottawa the plan will, incidentally, provide for evening classes for those actually engaged in trades who need and want technical instruction. Sir William has authorized me to make a similar offer to the school authorities of Brockville, Ont., of Charlottetown and Summerside, P.E.I., of some places in the province of Quebec, of Truro, N.S., of Fredericton, of Winnipeg, Man., of Calgary, N.W.T., and of some place in British Columbia. To begin it on right educational lines a thoroughly trained and experienced teacher of high attainment will be brought at first from Scotland, England, or the United States. Next summer it is proposed to pay the expenses of several teachers from Canada in Great Britain and Sweden to take the course of training there, to see for themselves the educational systems and methods of those countries and to meet teachers and other education reformers in them. When those Canadian teachers return they will be as lights set on hill tops. The fire of their inspiration, information, and enthusiasm will spread. Such in brief outline is the proposal I have the supreme satisfaction and happiness of announcing. It must result in immediate, lasting, and far reaching benefit to the boys of Canada. I am sure we all join in the earnest hope that Sir William C. Macdonald, the wisely patriotic and generous benefactor, may long live, gladdened by knowing that the children and the grown men and women of Canada rise up and call him blessed.

FIRES OF THE MONTH.

Oct. 4th St. Matthew's church, North Sydney, C.B.; loss, \$12,000.—Oct. 6th. Taylor Bros.' sawmill, near Port Elgin, N.B., loss, \$4,000, no insurance.—Oct. 6th. MacPhee & Meader's flour mill, Moulinette, Ont.; damages, \$4,000; insurance, \$1,500.—Oct. 9th. The buildings at Fort Lawrence, N.S., of the Chignecto Ship Railway, which were erected during the construction work.—Oct. 16th. N. Levisen's sawmill, Lake Megantic, Que.—Oct. 18th. Elgin's tannery, London, Ont.—Oct. 18th. F. H. Manning's sawmill and barrel factory; loss, \$5,000.—Oct. 19th. Murray's planing mill, Winnipeg; loss, \$12,000, partly insured.—Oct. 19th. Grist and sawmill belonging to D. Furrison, near Richmond Corners, N.B.—Oct. 25. The Fulton Bros.' sawmill, Fingal, Ont.; loss \$5,000; no insurance.—Oct. 27th. Kennedy Bros.' evaporating factory, Leamington, Ont.; loss, \$2,000.

—Granville C. Cunningham has been appointed manager of the Central Electric Railway, London, Eng.

—F. W. Draper, B.Sc., of Rolla, Missouri, has been appointed lecturer in Metallurgy in McGill University.

—We have received a pamphlet of 250 pages, being the Proceedings of the Illinois Society of Engineers and Surveyors, 1899, a report of the fourteenth annual meeting held at Champaign, Ill., in January last.

—The Marine Review, Cleveland, O., issued a special number in honor of the return of the United States Admiral from the Philippines, which contains a large number of very fine pictures of the ships of the United States Navy.

Recently the Boston and Maine Railroad began to sprinkle oil over its tracks to lay the dust, having constructed two special cars for the purpose. About fifty miles of track was covered the first day, and the sprinkling will continue until the entire system in the vicinity of Boston at least is covered. The oil costs 8½ cents a gallon, and the cost of sprinkling per mile is \$6,250. After three annual sprinklings the oil will remain effective for from three to four years. Hereafter, when renewal of ties are made, or other disturbance of the road bed is called for, the overturned earth will be oiled from huge tin pots with fluted nozzles.

WANTED—Draftsman, thoroughly competent man. One accustomed to engine and saw mill work preferred. WATEROUS, Brantford.

WANTED—Young man familiar with installing and repairing electric recording machines. Give particulars of experience. Only hustlers and first-class men need apply. Advancement if satisfactory. Address "WATT," Canadian Engineer, Montreal.

FOR SALE

A good Water Power, 500 horse, situated one-half mile from railway, every facility for making siding to power. Address
J. D. THEUNISSON, Cookshire, Que.

Levis Waterworks.

Notice to Engineers.

"A by law opening a competition for the preparation of plans and specifications to establish a system of waterworks, draining and electric lighting in the town of Levis" has been adopted at the meeting of the council held on the 16th October, 1899.

Moved by Mr. Councillor D. Laine, seconded by Mr. Councillor Joseph Carrier that the by-law opening a competition for the preparation of plans and specifications to establish a system of waterworks, draining and electric lighting in the town of Levis be adopted as follows, viz:

1. A competition is hereby opened to all competent persons, to prepare plans, specifications and estimates, for the establishment, execution, working and maintaining of a system of waterworks draining and electric lighting in the town of Levis.
2. The persons wishing to take part in the said competition can obtain the necessary information and particulars on inquiring at the Secretary Treasurer's office, at the city Hall, Levis.
3. The plans, specifications and estimates will have to be prepared so as to provide for the supply and wants of a population of twenty thousand souls at the rate of thirty gallons of water per head, every day.
4. The plans and tenders for the above mentioned purposes shall have to be deposited at the office of the corporation of Levis, on or before the first day of January next.
5. Those plans and tenders will then be submitted for examination to three competent persons chosen by the council, and the said persons shall report to the council within the delay fixed by the said council.
6. The council, nevertheless, will have right to choose and adopt whatever plans and tenders which it will deem most advantageous, and will not be held to accept those whose price will be the lowest or any of them.
7. A prize of \$1000 will be awarded to the person whose plans, specifications and estimates shall have been declared the best by the three persons mentioned in article fifth of the present by-law, a prize of \$500 to the person whose works will come in the second place.
8. These plans, specifications and estimates shall remain the property of the corporation of the town of Levis.

FLAVIEN ROY,
Secretary-Treasurer.

J. EDMOND ROY,
Mayor.

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