

leading peat, gas power installations in Europe. Messrs. G. B. Greene, A. W. Fleck and John McKinley will represent the board.

**Ottawa, Ont.**—An additional 200 horse-power for the municipal electric plant will be ordered from the Ottawa and Hull Power Company. The order is to date from December 1st last. This will make 3,100 horse-power taken by the city for the plant. The cost is \$15 per horse-power, making a total of \$46,500.

**Prince Rupert, B.C.**—The newly formed council have decided to push the hydro-electric work with all possible speed. This work includes the construction of a large concrete dam and the installation of a steel or cast-iron pipe.

**Regina, Alta.**—The Leader Publishing Company are installing a private power plant and water system in their new building. The company have placed with the British-Canadian Engineering and Supply Company, of Winnipeg, an order for a 100-h.p. Ruston Proctor engine and gas producer plant, together with a 75-k.w. Westinghouse generator. The plant will be utilized at times for pumping water from the well which has been sunk in the basement of the building, and which will furnish a water supply independent of that furnished by the city.

**Saskatoon, Sask.**—The city commissioners have decided that the wiring for the new lighting standards shall be of armored insulated wire. This will do away with conduits as the wire is buried in a trench. This does away with the difficulty often experienced in handling wires for repair purposes when they are in conduits.

**Smith's Falls, Ont.**—The Smith's Falls Electric Light and Power Company have installed a new auxiliary steam power plant of the most modern type. The engine is one of the largest of its kind in Canada.

**Toronto, Ont.**—It is reported that the municipal engineering department will recommend that a water meter be placed in every house and a yearly inspection of mains be made.

**Vancouver, B.C.**—The engineers at work on the trunk sewers have announced the possibility of tenders being called within the next few days for the construction of work.

## GARBAGE, SEWAGE AND WATER.

**Brantford, Ont.**—During January at the waterworks 86,308,275 gallons of water were pumped as against 75,244,066 gallons in 1911.

**Ottawa, Ont.**—A sand filtration plant to cost about \$2,000,000 has been decided upon by the civic water committee. The municipal engineer, Mr. Ker, has been instructed to make the necessary surveys, etc., and to procure any assistance required. The plant is to be erected on Lemieux Island and the intakes will receive their supply from the river, the present source of supply.

**New Westminster, B.C.**—The city engineer, Mr. I. W. Blackman, has recommended that a new reservoir be constructed with a storage capacity of 5,000,000 gallons, also the extension of the present reservoir.

**Port Colborne, Ont.**—The Canadian Union Furnace Co. will put in its own waterworks plant and fire protection. If the town so desires the municipal system can be connected up with the company's system, and in case of a big fire or other necessity the company's supply will be at the disposal of the town.

**Toronto, Ont.**—The estimates of the property commissioner for 1912 include the following items:—Scavenging, \$267,875; pound, \$450; street cleaning, \$65,774; culvert cleaning, \$12,467; asphalt cleaning, \$156,420; street watering, \$8,006; street flushing, \$23,361; road oil, \$25,000; stable, \$59,592; plant and shop, \$32,542; horses, \$10,500; crematory, \$12,700; water, \$237; rental, \$1,550; inspectors' salaries, \$4,800; total, \$681,274.

**Town of Edmonds, Burnaby, B.C.**—Authority has been given the engineers to substitute six-inch for four-inch water pipes and to complete specifications and call for tenders for a supply of pipe to be laid under the 1912 waterworks by-law.

**Toronto, Ont.**—The experts advising the city of Toronto upon its water problem suggested in their report that a 25,000,000-gallon steam pump be added to the equipment at the main pumping station. The city engineer will bring the matter before the council.

**Toronto, Ont.**—The city engineer, Mr. Rust, advised the council to clean out the reservoir annually for at least two or three years, when it is hoped that the use of filtered water will render it unnecessary after that time for some years.

**Victoria, B.C.**—The municipal council have appointed a committee to investigate certain defects in Smith's Hill reservoir.

**Victoria, B.C.**—Since the first of the year the city health department has taken over the handling of street sweepings, and in consequence the quantity of refuse handled by the garbage collectors has materially increased, the amount now being daily handled aggregating some 150 loads or well over 100 tons.

**Winnipeg, Man.**—A committee to investigate the disposal of garbage and sewage may be formed.

## BUILDINGS AND INDUSTRIAL WORKS.

**Brantford, Ont.**—The directors of the Brantford Roofing Company have decided to increase the plant during the coming year. At the annual meeting the directors recommended the increase of the machinery to double its present capacity, the installing of an entire new system and the addition of two new stills capable of turning out from 1,200 to 1,500 additional rolls of roofing daily.

**Burnaby, B.C.**—The construction of a wharf on the North Arm of the Fraser and the erection of a new stone crushing plant at an approximate cost of \$12,000, are a part of the plans of the municipality of Burnaby for the year 1912.

**Calgary, Alta.**—The Dominion Government have decided to erect a new customs building. The building will be five stories in height and will extend the full size of the lot, 175 x 160 feet. The cost will be at least \$300,000. A government architect will plan the building.

**Calgary, Alta.**—Announcement is made that Wood, Valance & Adams, of Hamilton, Ont., wholesale hardware, have decided to locate a branch in this city. The firm will erect a four-storey building.

**Galt, Ont.**—A syndicate of Toronto and Galt financiers have formed a brick manufacturing company. The output will be 40,000 per day.

**Kingston, Ont.**—It is reported that the Grand Trunk Railway propose building a new passenger station in conjunction with proposed new freight sheds on the site of the hay market.

**Kingston, Ont.**—Proposed additions to the Canadian Locomotive Works are planned. Additional stories will be built to the present buildings, and a couple of new buildings will be started. The company contemplates spending \$1,000,000 in improvements.

**London, Ont.**—The following is the statistical building report for the city:—

	No. of Permits.	Estimated Value.
January, 1911 .....	27	\$ 7,030.00
January, 1912 .....	13	18,717.00

**Moose Jaw, Sask.**—The Prairie Oil Company, Winnipeg, Messrs. F. H. Rees & Company and Benjamin Olsen are negotiating with the municipal council regarding the erection of factories, etc.

**Montreal, P.Q.**—The Westmount Methodist Church will probably erect a new building at the corner of Roslyn Avenue and Sherbrooke Street. The Rev. W. E. Baker, pastor.

**Niagara Falls, Ont.**—The Urschel Bates Valve Bag Company of Toledo, Ohio, with branch factories in nearly all of the large cities in the United States, will install a branch at this point. The new factory will occupy what is known as the old mill property. Messrs. Hartman and Motler are representing the company.

**Saskatoon, Sask.**—Mr. Meyer J. Sturm, of Chicago, Ill., has been requested by the City Council to prepare plans for the new civic hospital.

**St. John, N.B.**—There is a probability that a pig-iron industry may be established at this point. A mining company at present is shipping ore to points in the United States. The increased bounties, at present engaging the attention of the government, will, it is claimed, enable them to smelt the iron at a profit in Canada. The question which is now engaging their attention is whether it would be cheaper to erect blast furnaces at the mines where the shipping facilities would be limited or bring it to this port.