REFINERY GIVES HUNDREDS WORK AND SUPPLIES MANY MARKETS

SAINT JOHN SUGAR PRODUCT MILLIONS OF POUNDS MONTHLY

Bustling Local Industry calls to Mind Tropical Plantation Scenes and Sturdy Ships Ploughing the Ocean Refining Described.

THE story of the spoonful of sugar you use to sweeten your coffee at the breakfast is as romantic a one as that of the wonderful pudding which interested the Saint John schoolboy and girl of the Royal Reader days of some years ago. The daily use of this necessary article has made all so accustomed to see it at hand that it is accepted without thought. To ponder a moment, however, is to bring to mind tropical scenes in the cane plantations, with thousands carrying on the preliminary process of growth and cutting, and putting on shipboard; then days and nights of travel by sea, with all the attendant anxiety of stress of weather; then the refining, and, following that, the shipment of the finished product.

required for the washed sugar than for

SAINT JOHN PLANT

the washings. A portion of the wash-Saine John has a special interest in this, for one of the outstanding industries of this city is the refining of sugar by the Atlantic Sugar Refineries, Ltd., at the Ballast what. Its usual output of near 9,000,000 pounds of refined sugar a week, and its employment under normal conditions of more than 600 people, testify to this. The situation of the refinery plant makes it a prominent feature of the landscape. When coming up the harbor it is the first building that strikes the eye of the ovasger, and to those coming in by train it also presents listef.

TO MELTERS

To a Times-Star reporter who visited the plant this week. A. F. Blaske, the manager, said that the raw augar was brought here from British Guiane. Santo Dominge. Cuba, British Weet Indies generally, and sometimes from Peru, Venezuela, Honduras and Haiti. In those countries the sugar cane is grown, and at harvest time the tops of the canes are cut off, the remainder crushed in a roller mill and the extracted julce enhanced control that the property of the coprisition, to produce the crystals and mother liquor. The product and the languar refiners and many men are entry to the control of the washed sugar in solution is grown, and at harvest time the tops of the canes are cut off, the remainder of chemicals must be used or following the control of the washed as the sugar service of the sugar are now contained in how water or the washed sugar in the control of the sugar are now contained in how water or the washed sugar in solution is grown, and at harvest time the tops of the canes are cut off, the remainder crushed in a roller mill and the extracted property of precipitating from the control of the washed sugar to the blow-ups on the top foor of an indication, filtration and crystalisation of chemicals must be used or be controlled in the property of precipitating from the control of the property of precipitating from the control of the sugar and in the property of precipitating from the control of the sugar and in the vacuum and by admitting more Saine John has a special interest in ing is returned to the floor above to be

mixed with syrup until it becomes like good thick paste. Gravity carries it into mixers and thence into centrifugal machines on the floor below. These machines are steel baskets with sides perforated with holes and lined with perforated copper cloth, which are rotated by electric motors at about 1,000 revolutions a minute. This machine is similar to the extractors used in steam laundries.

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also test all other materials used in the plant and even the coal and oils must be submitted to the chemists before they are used.

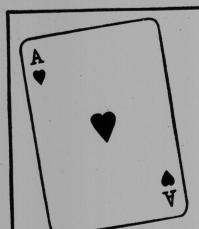
Besides the local staff engineers, experts in sugar refining visit Saint John Mr. Knowles. However he did see that cleanliness was considered of the greatest importance, for everywhere in the plant men were at work with the plant men were at work with the plant men were at work with brooms and shovels clearing up every
is similar to the extractors used in steam laundries.

SEPARATION

The sugar walls up on the sides of the basket and the syrup passes through the perforations and is col-lected in the casing outside the basket. The sugar remaining in the basket is thus separated from syrup and molasses. The sugar is then washed in the machine with cold water. This process separates the raw sugar into two parts; a washed sugar containing less than 1 per cent. of impuirites and a very impure washing containing probably 20 per cent. impurities. The two portions are subsequently refined similarly, but much less treatment is



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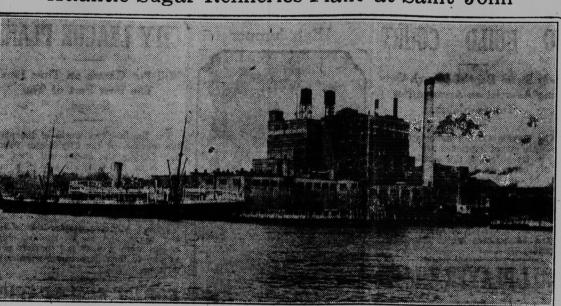
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CITY CHAMBERLAIN IN APRIL PAID OUT L STREET \$151,054 IN ACCOUNTS

Schools Took Largest Amount, \$42,015, and Interest on Bonds Next, \$31,050 — Sum to Power Commission Was Next in Line.

Buying Is Stimulated by Federal Reserve Board's Report on Business

ASBESTOS PREFERRED IS MONTREAL FEATURE pital. Following are the details of the

Paper Issues Also Prominent -Howard Smith Groups Reach Record High.

NEW YORK, May 9-Stock prices displayed a firm tone at the opening of today's market with buying stimu-The refinery maintains its own coop-erage shops and box-making plant. All materials are secured locally as far showing it to be in a healthy condi-Besides Mr. Blake and Mr. Knowles, some of the other heads of departments of a further reduction in bank loans, superintendent. Harold Hooper raw and Stewart Warner and Davison superintendent; Harold Hooper, raw sugar superintendent; Robert S. Kent,

MONTREAL, May 9-The opening f today's stock market was featured by strength in Asbestos preferred, which advanced 1½ overnight to 105½ and the establishment of new highs by gaining 3-4 to 35½, and the preferred 2½ to 92½. The most active stock was Brazilian, but it sold unchanged at 503-4. Other leaders to sell the same were Industrial Alcohol, at 16, Dominion Textile, at 761/2 and Con was off ¼ to 458-4, while B. C. Fish strengthened a similar fraction to 34¼.

NEW YORK MARKET.

Am. Locomotive
American Can
Baldwin Loco
Bethlehem Steel
Dodge Pfd
Dodge Common
General Motors

Morning Stock Letter

NEW YORK, May 9—Profit-taking was the heaviest the market has had to take on the present advance. Pools continued to make most of the activity. Stocks have gained a great deal in the last two weeks without any reaction to sjeak of and some set-back should come the first of the week. We believe that any set-back now will be temporary. Steel tonnage statement should show a decrease of around 400,000 tons. If the Steel stocks sell off on this statement we believe G. J., Sloss and U. S. Steel can be bought. Gas stocks should be bought on any recession. Hudson Motors can probably be bought for a turn. In time Rock Island will sell a great deal higher, and we believe the other speculative rails which we have recommended from time to time, including MOP. Pfd., Tex. Pac., PW. will reach higher prices.

LIVINGSTON & CO. **Current Events**

NEW YORK, May 9. Bradstreet's says wholesale trade is rather quieter; retail bette, with industrial reports varying sharply.

Dun's reports 424 commercial failures in U. S. this week, against 471 last week and 376 year ago.

American Power and Light earned \$3.39 a common share in 1924, against \$2.41 on hasis of no par stock in 1923.

Ass'd Gas declared initial quarterly dicidend \$1.50 on 6% preferred.

Regular dividend Gen, Pete.
Department Agriculture estimates winter wheat abandonment 22.5 per cent., against 10 year average 11.1 per cent. Condition 77 against 68.7 April 1, and 10 years 84.8. A forecast of 444,833,-000 bushels of winter wheat as this year's crop was made. A month ago 474,255,000 bushels were forecasted.

Brokers' Opinions NEW YORK, May 9—Block Maloney
—"What appears to be a good chance
for an increase in western commodity
freight rates. We would not be surprised to see rails carried higher."
Tobey & Kirk:—"Favor reasonable
conservatism with a trading position desirable, except where purchases are
made for long pull purposes."

A Remarkable Lighthouse. (Ottawa Citizen)

The most brilliant lighthouse in the world has lately been lit up in the leart of France near Dijon. It is not intended as an aid to marine navigator but is to act as a guide at night t all airplane lines passing across Franc towards the south and southeast. Th air lighthouse has a range of 500 miles it is an immense revolving two-rayed light of 1,000 million candle power. 1 will sweep nightly over a vast area hat will include Lille, Brussels, Frankfurt, Milan and Rouen. Of course the light will not be seen by people on the ground at the other side of the Alps, or at other distant places. But the air pilots will see it on clear nights as they fly at a height of 10,000 feet.

The most powerful marine light The most powerful marine light-houses in the world are feeble compar-ed with the first big air lighthouse. It has thirty times as much luminous power. The aerial lighthouse is situated on a plateau 2,000 feet high, at sort of aerial junction where the main air routes from Paris to Switzerland Italy and the Mediterranean cross on another. The new lighthouse has been inder construction since 1918. It wil be officially opened on Friday of next week. The Dijon lighthouse is prob-ably the forerunner of many other brilliant aids to night flying.

VIOLENCE ADVOCATED. British United Press.
BELGRADE, Saturday Morning May 9-Adoption of violence to fight violence will be advocated before the League against Bolshevism when it meets soon at Trieste in an interna-

tional congress.

The amount paid out by the city chamberlain for Saint John during April was \$151,054.82. Some of the larger amounts were \$31,050.06 for coupon interest, \$42,015.18 to the Board of School Trustees, and \$7,330.64 to the General Public Hosorincipal payments during the month:

Rum Runner



her home is in Dallas, was arrested transporting liquor. In her coupe police found 195 quarts of whiskey,

a bull pup and a .38 revolver.

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Yet! While you're about it, though,

select a coal you can use also in your cooking stove.

Broad Cove Coal heats and cooks equally well.

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All sizes American and Scotch
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Dominion Coal Company, coal
for ferry
Civic Power Commission
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Official 2,379.23 1,782.25 289.82 1,460.00 2,785.00 3,713.46 ortnightly pay:—
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Water and Sewerage
Harbor Ferry
Nova Scotia Miners' relief...
Jordan Memorial Sanitorium..
Canadian. Toledo. Scale. Co.,
scale for market
A. L. Coholan, uniforms....
W. J. Higgins & Co., uniforms
McGrath Bros., uniforms AUCTIONS **AUCTIONEERS**

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sion.

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Clocks, Club Bags, Stationery, Fancy
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Goods, Prints, Cottons, Ginghams, Curtains, Crctonnes, Shirts, Braces, Silk
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and HOUSEHOLD
FURNITURE
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BY AUCTION At salesroom, 96 Germain street on Monday afternoon, May 11th. com-mencing at 3 o'clock WITHOUT REdendrons, phlox, lilac trees, boxtrees, cedars, climbing vines, raspberry canes, etc.; also household furniture consisting of dressing cases, chiffonier, beds, springs and mattresses, cots, carpets, odd tables and chairs, parlor suite and a general assortment of other household effects.

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Two Gramaphones, 3
Oak Dining Tables, 5
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