

In the columns of this paper you will find the advertisements of alert, progressive merchants and manufacturers who are telling you something they believe you ought to know.

# The Daily Advance

## WEATHER

Thundershowers this afternoon and tonight. Thursday fair, not much change in temperature, moderate variable winds.

VOL. 4

ELIZABETH CITY, NORTH CAROLINA, WEDNESDAY EVENING, JULY 16, 1919.

NO. 167

## CITY MANAGER SIMONDS SAYS WATER CAN BE MADE SATISFACTORY

**Declares That Is Within Power of Water Company to Remove Existing Causes of Complaint And Believes That Water Company Will Co-operate With City Fathers To That End**

City Manager Simonds presented his report on the Water Situation to a special meeting of the Board of Aldermen Tuesday night.

His findings, in brief, are as follows:

The present source of intake is the most satisfactory available, except that it should be removed to a distance of about 200 feet from Knobbs Creek bridge, so as to preclude as far as possible danger of pollution of the water from bridge or road.

The Water Company's pumping system is adequate to the city's maximum needs.

The purification system is out of date but can be made effective, (1) by the installation of a chlorinator in the place of the present hypochlorite dosing tank; (2) by the installation of additional baffles in the present sedimentation tank which will have a tendency to give the water a longer period of detention in this tank, with a consequent reduction of the hydrates now in the water and popularly characterized as mud; (3) by the installation of an additional sand and gravel filter; (4) by the installation of a laboratory and necessary equipment for daily bacteriological tests of the water, thus providing facilities for keeping in close and constant touch with conditions.

The text of City Manager Simonds report follows:

Elizabeth City, N. C.  
July 14th, 1919.

To The Honorable Board of Aldermen:

Elizabeth City, N. C.  
Gentlemen:

As per your request, I beg to submit to you herewith a report covering general conditions of the water supply system of this City.

Yours very truly,  
F. N. SIMONDS,  
City Manager.

### SOURCE OF SUPPLY

I have investigated the sources of supply for potable water for this City and am convinced that the only reliable source is the present one, i. e. "Knobbs Creek" and the problem resolves itself into producing pure water from that source.

I find that the intake pipe is located some six or eight feet from a highway bridge across the creek. The water, however, is not drawn from the surface of the creek but from a point nearly to the bed of the stream. However, I believe that it would be advisable to have this intake pipe located 150 or 200 feet away from the bridge so as to preclude as far as possible any danger of pollution from the bridge or roadway. The installation of a dam to prevent salt water, etc., from backing up is a good idea but to me the increased filtration units to be mentioned later are of paramount importance.

### PUMPING SYSTEM

The boilers which furnish steam to the pumps are the same ones which furnish electricity. They are three in number and are rated at 250 horsepower each.

There are two pumps having a maximum capacity of about two million gallons daily which is far above the daily consumption.

The standpipe is about 20 by 70 feet and has a storage of about 140,000 gallons.

The domestic pressure rated at the pump is from 26 to 34 pounds while the by pass for fire pressure is set for 110 pounds.

The daily consumption is an average of about 350,000 gallons.

### PURIFICATION SYSTEM

I find that the water is dosed with alumina sulphate as a coagulant and hypochlorite of lime as the sterilization agent. Both of these chemicals are used in modern filtration plants although liquid chlorine is superseding the use of hypochlorite. Under the conditions found the reduction of B. coli or disease carrying germs should be large and, assuming that the samples of water submitted are representative ones, the analysis indicate a very good bacterial reduction.

The filtration system is one known

as the Grier system which was quite extensively used some years ago but now generally considered out-of-date. In fact, I understand that the system here was the last one built by the firm. The troubles seem to be that the builders of this system over-estimated the rate of flow of water thru their sand filters necessary for complete filtration giving as a consequence an effluent carrying varying quantities of hydrates. These hydrates are what we see in our drinking water and consider as mud.

### DISTRIBUTING SYSTEM

There are about 700 services in the City, a few of which are metered. There are 97 hydrants on the streets of the City including 5 for street sprinkling service.

All mains are cast iron pipe which is universally used for water main purposes except very high pressure fire mains in the largest cities.

### CONCLUSIONS

I would suggest that the intake pipe be relocated as indicated previously in this report.

I would recommend the installation, in the present sedimentation tank, of additional baffles which will have a tendency to give a longer period of detention in this tank and a consequent reduction of hydrates entering the distributing system. I understand that this will shortly be done by the water company. There is, however, in our water a varying amount of vegetable stain which can never be entirely removed by any known process.

I would suggest that a chlorinator be installed in place of the present hypochlorite dosing tank. This chlorinator will dose the water in a much better, cleaner, and satisfactory way than is possible with hypochlorite.

I would also recommend as the most important thing that an additional sand and gravel filter be installed. This will run into considerable money but I am sure that if this is done a good clear water can be obtained.

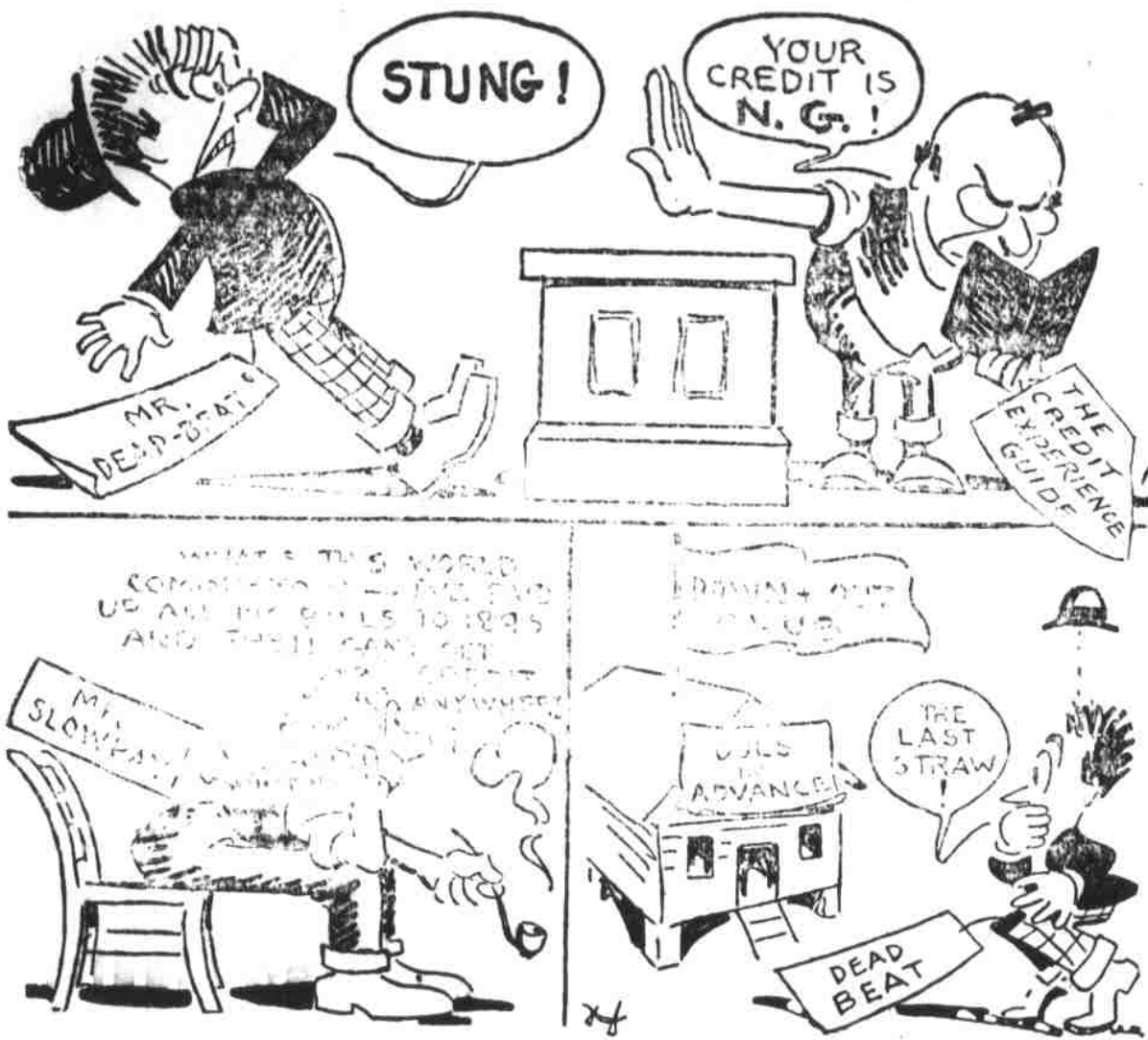
If it were financially possible I would like to see a laboratory and necessary equipment installed where daily bacteriological tests could be made, thus keeping in close and constant touch with conditions.

I would earnestly recommend that a contract for hydrant rental be made at once and that the provisions therein be carried out. The hydrants should be tested at frequent intervals and blown out regularly, especially at dead ends.

I believe that if we co-operate with the Water Company that these improvements can be made without undue delay.

F. W. SIMONDS,  
City Manager.

## IT SERVES HIM RIGHT



What Will be your Rating in the New Credit Guide!

## STUDY TREATY WITH GERMANY

(By Associated Press)  
Paris, July 16.—The Foreign Affairs Committee of the French Senate met today and named a subcommittee to study the Peace Treaty with Germany. Leon Bourgeois will draw in a general report and also a special report on the League of Nations.

## FOUR PERSONS ARE BURNED TO DEATH

Raleigh, July 16.—Four persons burned to death in an automobile collision with the engine of a Cary-Pittsburg passenger train at a Seaboard Air Line crossing near Cary Sunday evening is but another horrible manifestation of the great danger that hovers about the traveling public in every quarter of the state through the combined menace of dangerous grade crossings and careless and thoughtless driving on the part of automobile drivers, says James R. Young, who, as Insurance Commissioner and Fire Marshal, is using the resources and organization of his State Department, as vigorously as possible for the prevention of fires and accidents through the medium of the North Carolina Bureau for Prevention of Fires and Accidents.

In the accident of Sunday evening the automobile approached the crossing down grade at good speed, the negro driver, who owned the car, was unable to stop when the Seaboard passenger engine, with clanging bell, hove in sight close on the crossing. It would have been so easy and safe to observe the rule, "Stop, Look, Listen," before attempting to dash over the crossing. And if this had been done the machine would not have been smashed by the engine, the gas tank exploded and four persons, Molly Hayes, Minnie Peace, her infant daughter Louise Peace, and Eddie McCoy, burned to death in the gasoline flames as they were pinned under the car.

Commissioner Young believes that North Carolina has few more crying needs just now than habitual observance on the part of automobile drivers of the regulations and rules of travel, made constantly more imperative by the steadily increasing automobile travel. With the additional burden of propaganda for accident prevention placed on him by the last Legislature, the Commissioner is seeking co-operation throughout the state in bringing about general observance of these automobile traffic regulations as a major factor in conservation of lives and property through reducing the number of destructive accidents of this kind.

## SINKING OFF MARYLAND COAST

**Steamer Allison Filling With Water. Coast Guard Cutter Going to Assistance**

(By Associated Press)  
Washington, July 16.—A radio message received by the Navy Department this morning said that the American steamer Allison was filling with water fast and will sink any minute.

The Allison's position was given as fourteen miles from Fenwick Island Shoals off the coast of Maryland.

The Coast Guard cutter Morrill is proceeding to her assistance.

## WAR TRADE BOARD IS DEPARTMENT OF STATE

(By Associated Press)  
Washington, July 16.—The War Trade Board has become a division of the State Department in accordance with an executive order. While all functions and records of the board are transferred to the department, this will not affect or inconvenience importers or exporters in any way. It is said, as all licenses will continue to be issued and correspondence conducted in the name of the War Trade Board.

## I. O. O. F. DISTRICT CONVENTION MEETS TONIGHT

The district convention of the I. O. O. F. will meet tonight and tomorrow, with Elizabeth Lodge 317, there are important matters to be attended to at this session of the convention, and it is hoped that all members of the order will attend the meetings.

## A. S. POPE COMES BACK

A. S. Pope after twelve months service overseas will return to his old position at the Standard Pharmacy on July 24th. W. P. Hedrick who has been with the Standard Pharmacy for the past three months will go to Durham and engage in the tobacco business there.

## EDENTON DEFEATS GRAYS

The Elizabeth City Grays were defeated at Edenton Tuesday by the Edenton baseball team by the score of 7 to 3.

## REBECCAS MEET THURSDAY

There will be a meeting of the Rebecca's at the Achoree Hall Thursday night at eight o'clock. All members are requested to be present.

W. T. Harrison of Nixonton was here Wednesday.

## WORTH WHILE IN BUSINESS

W. P. Henry, State Organizer for the Merchants Mercantile Agency of Pittsburg, is in Elizabeth City, interviewing the business and professional men to encourage closer co-operation in everything pertaining to business, and more especially to correct the long extension of credit, eliminate for the business men all undesirable credit risks, and to more efficiently take care of patrons whose habits are prompt pay, through the publication of a new Credit Guide which will show at a glance your personal habits of paying your bills.

Mr. Henry is now engaged in securing this data, and since his arrival in Elizabeth City leading business men already interviewed are heartily in favor of the movement, as they have had the work before, and already are taking an active part to push as quickly as possible to a successful conclusion the new prompt pay movement.

The work Mr. Henry is doing is being done under the auspices of the Merchant's Division of the Chamber of Commerce, who appreciate the fact that their problems and yours, including the best firms in Pasquotank, Currituck, Camden, Perquimans, Dare and Tyrrel counties can best be worked out by pooling ledger information. The Greensboro Merchants Association is now in the midst of a big campaign of this kind, with the unanimous endorsement of the Board of Directors of this live organization.

## SPANISH CABINET HAS RESIGNED

(By Associated Press)  
London, July 16.—The Spanish cabinet headed by Antonio which was formed April 15th has resigned, according to a Reuters dispatch from Madrid.

## LAWN PARTY

The Rebecca's will have a Lawn Party on the lawn of Mrs. J. B. Stanley's home on Parsonage street extended, Friday night, July 18th for the benefit of the orphans. Everybody is cordially invited. J.16-3t

## GETS LETTER FROM WILSON

Dublin, June 18. (Correspondence of The Associated Press.)—Michael Buckley of Clara, who recently presented to President Wilson a number of Irish blackthorn sticks, has received a letter in which the President expressed his appreciation of the donor's thoughtful friendship and says that he will prize the sticks as a very interesting souvenir.

## FOOD PRICES FALL IN BERLIN

**Illicit Dealers With Huge Concealed Stocks in Panic to Unload Before Lifting of Blockade**

(By Associated Press)  
Berlin, July 16.—Prices on all foodstuffs have fallen with a crash in Berlin as the result of the lifting of the blockade.

They began to show weakness when it was rumored that the blockade would be lifted but the real drop came only when illicit dealers with huge concealed stocks brought them out in a virtual panic to unload before competing supplies entered Germany.

## TO ASK SENATORS TO WHITE HOUSE

(By Associated Press)  
Washington, July 16.—President Wilson has decided to invite the Republican senators to call at the White House to discuss the Peace Treaty and the League of Nations, Secretary Tumulty announced today. Chairman Lodge of the Senate Foreign Committee was understood to be one of the fifteen Republicans with whom the President desires especially to confer.

## FARMERS BELIEVE IN ADVERTISING

Raleigh, July 16.—Based on the fact that many of the most progressive farmers in North Carolina believe in the efficiency of advertising, the Extension Service has recently issued Extension Circular No. 90 on "Farm Advertising." This circular deals with some of the main points in advertising the farm and farm products, taking up especially the matter of using letterhead stationery and giving the farm a distinguishing name. The use of the typewriter and desk, as well as methods of roadside advertising, are also included.

It is believed that many farmers can greatly increase their cash income by the adoption of progressive advertising methods. In fact, it has been found by a survey of leading farmers in another state, that all who have tried advertising find it to pay. Here is what some of them have replied to a recent questionnaire:

Hillcrest Farm—We have been so successful with advertising our seed grains, that next year we plan on erecting a new granary and more equipment to clean and handle grain, and also on buying a new truck.

Bevington Farms—We have found that it pays to use the local papers. As to the farm papers, the best success is obtained in those covering our natural selling territory.

J. M. Tucker—We have been so successful in selling little pigs thru local papers that we have been unable to keep up with the demand.

M. A. Sloum—Yes, it pays to let people know what you have to sell. People believe an advertisement since they think the editor stands good for its being true.

Chas. P. McPherson—I am sure it has paid me to advertise in the local and farm papers. Perhaps a neighbor might want what you have for sale, and the way to let him know is by advertising.

Bright Side Farm—I am highly pleased with selling thru advertising. A small ad in our county seat paper sold all our pure bred eggs for hatching. My ads in farm papers have sold my Duroc hogs. Yes, I certainly am in favor of advertising.

## MEET AT PARIS ON JULY 29TH.

(By Associated Press)  
Paris, July 16.—July twenty-ninth has been fixed as the date which representatives of Holland and Belgium will meet delegates of the Five Great Powers in Paris and begin work on the revising of the Treaty of 1839.

Rev. and Mrs. Rufus Bradley and Miss Hattie Daniels motored to Suffolk Tuesday.