

INDUSTRIAL WATERS ANALYSES TO SERVE STATE DEVELOPMENT

Thirty-seven samples of waters from industrial streams of North Carolina now in the hands of Dr. E. E. Randolph, head of the department of chemical engineering of State College, form the first unit of a survey being undertaken by this department to classify the water supply for manufacturing purposes according to quality.

When the analyses of these samples are completed, between 30 and 40 additional, which are being collected under the direction of Thordike Saville, Chief Hydraulic Engineer, will be tested in qualitative analyses for industrial purposes. There are already available sixty-four analyses made by the United States Geological Survey and twenty-four from industrial divisions of railroads and other sources. These, together with the newer ones will be combined into a publication which will be issued this fall.

From Chief Sources
The samples are being taken from the chief industrial sources of water supply and from all of the river drainage basins in the state in order to get representative data regarding this industrial necessity.

Every manufacturing enterprise is dependent, to some extent, upon water supply, some being more exacting in the quality than others, while some may require water only for use in boilers. A study of the locations selected by industrial plants reveals that water supply is often the determining factor.

From general observations, North Carolina has been known to have water supplies that compare favorably with any other state in volume and quality requirements, but the data which is now being compiled is designed to furnish authoritative and definite information for use by those seeking industrial locations.

To Serve Development
Coupled with stream gaging records which tabulate the volume of available water supply, the qualitative analyses will serve prospective industries with an intelligent and accurate guide of what this state offers in line of water resources. Stream gaging has for some time been one of the major activities of the Water Resources Division, and this data is at the disposal of the public.

Some of the industries that are dependent upon the quality of water are: chemicals; cotton manufactures; druggists' preparations, such as patent medicines and compounds, and perfumery and cosmetics; dyeing and finishing textiles, exclusive of that done in textile mills; knit goods; leather, tanned, curried and finished; paper and wood pulp; silk manufactures; wool manufactures, and rayon manufactures.

With the facts in regard to the

OPEN SEASON FOR HUNTING IS GIVEN

Muskrat Squirrel, the only game whose open season is now on, is drawing many hunters to the great woods just now. On October 1 the deer, bear, and animals will be within the open season. Following is data of interest to the sportsmen:

Open Seasons
The game birds, game animals, and fur-bearing animals named in the following table may each be taken during the period set opposite the name of each individual species, both dates being inclusive, unless said period is reduced as hereinafter prescribed:

Species	Open Season
Squirrel	Sept. 15 to Jan. 15
Rabbit	Nov. 1 to March 1
Deer	Oct. 1 to Jan. 15
Bear	Oct. 1 to Jan. 15
Raccoon	Oct. 1 to Jan. 31
Opossum	Oct. 1 to Jan. 31
Mink	Nov. 1 to Feb. 15
Skunk	Nov. 1 to Feb. 15
Otter	Nov. 1 to Feb. 15
Beaver, buffalo, elk	No open season
Wildcat	No Closed season
Muskrat	Dec. 1 to March 31
Quail	Dec. 1 to March 1
Wild Turkey	Dec. 1 to March 1
Ruffed grouse	Dec. 1 to March 1
Mongolian, Chinese, and ringnecked pheasants	Dec. 1 to March 1
Wilson's snipe, coot, gallinules	Nov. 1 to Jan. 31
Black-bellied and golden plover, greater and lesser yellow-legs	Sept. 1 to Dec. 15
Woodcock	Nov. 1 to Dec. 31
Dove	Sept. 16 to Dec. 31
No open season on swan, wood duck, eider duck, and all shore and beach birds for which no open season is provided.	

Species	Time	Bag Limit
Squirrel	one day	10
Rabbit	one day	2
Deer	one day	4
Deer	season	10
Quail	one day	2
Wild turkey	one day	5
Wild turkey	season	5
Ruffed grouse, mongolian, Chinese and ringnecked pheasants in the aggregate of all kinds	one day	25
Rails, coots, gallinules, in the aggregate of all kinds	one day	25
Wilson snipe or Jack snipe	one day	25
Dove	one day	25
Woodcock	one day	6

quality of her water supply definitely determined, North Carolina will have another medium as an invitation and bid for new industries for which the state offers promising opportunities. Undoubtedly latent possibilities will be pointed out.

FINE COPPER STILL GIVEN TO MR. BREESE

Law enforcement officers have been kept busy of late capturing stills in various sections of the county. What is said to be one of the largest captures ever made in Transylvania county was that of last Monday afternoon when Federal Prohibition Officer W. W. Owens, assisted by Sheriff B. J. Sitton and Rural Policeman Eck Sims and Arthur Saltz, made a raid on a still on Frozen Creek, two and one-half miles above Rosman, capturing a 60-gallon sheet iron still and more than 1000 gallons of beer. J. J. Morgan and others were operating the still, the officers capturing and arresting Morgan, 28 years of age, who is now held in the county jail. Other members of the operating party are being sought by the officers.

A few days prior to this raid, another capture was made by Policeman Freeman and Eck Sims, of an old model Government factory still with copper condenser, 60 gallon capacity, reported to have been owned by Wade McGaha for seven years, the still being located about three miles from Brevard. The McGaha man, according to arresting officers, told of this still lodging on a drift at the mouth of Davidson River during a big rain and wash-out during the world war, seven years ago. This still, the officers say, was of the highest type seen in this section, being copper throughout. It is understood that it was later given to W. E. Breese as a souvenir.

PLANT SOME LETTUCE FOR WINTER GARDEN

Raleigh, Sept. 21.—Much of the planting for the winter garden should have been done in August, but there's time yet for some of the shorter growing, cool season crops.

"One of the most important of these cool-season crops is lettuce," says E. B. Morrow, extension horticulturist at State College. "According to nutrition experts, lettuce stands well at the top of all leafy vegetables in vitamin content and there is no better dish that could be served on the family table in late fall than a head of crisp lettuce with some kind of good dressing."

Mr. Morrow advises the sowing of seed in a small bed and transferring the plants to a larger bed. To head well, the Big Boston plants should stand about 12 inches apart and the Iceberg about 15 inches. Lettuce needs plenty of moisture. A little nitrate fertilizer will also help the plants to head.

For protection in cold weather, Mr. Morrow advises a canvas or sash. The plants will tolerate some cold weather but will not stand freezing.

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THIS SPECIAL PRICE

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