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Engineer Makes Report On Tryon's Water Supply

City Fathers to Act on Expert's Suggestions to Remedy Present Serious Conditions.

Report on the present water supply system of Tryon together with recommendations and suggestions as to what should be done to accomplish the best results for the future needs of the town were made last Monday at a special meeting of the City Fathers. The report was made by Stanley H. Wright, resident engineer of the Gilbert C. White Company. Consulting Engineers of Durham, N. C.

Mr. Wright pointed out that if storage reservoirs were available on the present stream, he would recommend that at some future time a storage reservoir be constructed, but, he stated, no such sites are available. Due to pollution; water from either the Pacolet or Green Rivers are not desirable. Various other streams needed filtration measures before use. At the request of M.C. Blake, acting for the Town of Tryon, several months ago, Mr. Wright inspected the water works system of Tryon on April 9, for the purpose of securing sufficient information for preparing a report.

He was instructed to determine if the present four-inch supply line was operating to its full capacity; also to examine into the condition of the present distributing reservoir; and to determine what might be the cheapest method of increasing the water supply, together with, along what lines the ultimate development of the water supply for Tryon should take.

Mr. Wright first pointed out in his report that considering the present rapid growth of Tryon, indications along conservative lines would suggest an expansion of this town to a population of approximately 3,500 to 5,000 inhabitants this in view of Tryon's advantages as a resort centre, its paved streets and other attractions and taking into consideration the great numbers of people flocking into Western North Carolina in recent years.

At this time, according to the report, there are 300 taps on the water system, which with leakage and other losses, consume at the rate of 250,000 gallons in twenty-four hours. Tryon at this time being strictly a residential and tourist resort has only three large consumers; the Ice Plant, the Southern Mercantile Company and Oak Hall. Neither the large consumers nor the domestic consumers are equipped with meters, all the water takers being supplied on a flat rate basis.

PRESENT SOURCE

The water shed from which Tryon obtains its supply is the semi-circular area formed by Rocky Spur and Melrose Mountains. In a steep valley at an elevation of 1,490 feet there has been constructed a concrete intake dam, known as No. 1. The outlet is a four inch pipe supplied by water from a small chamber containing wire screens.

Intake No. 2 is located on an adjacent stream about 2,500 feet distant which delivers water through a 3 inch pipe into the four inch pipe about 500 feet below intake No. 1. The combined drainage area of these two intakes is about 800 acres.

From intake No. 1 the 4 inch pipe line follows practically an air line to the distributing reservoir two miles distant, which was constructed originally to elevation 1,310 but to which 5 feet have been added. This reservoir has a capacity of 115,000 gallons and

is about one mile distant from the town.

Mr. Wright then suggested that new levels be determined between the intake dam and the distributing reservoir to determine as to whether there might be a possible error in the figures showing less flow in the line with a resultant possible air bubble and shortage of flow. The present estimates show a margin of about 7 feet between two of the stations on the pipe line which may account for the restricted flow, this seven feet not being sufficient margin for errors in running the hydraulic lines.

DISTRIBUTING RESEVOIR

On examining closely into the distributing reservoir it was found that there were no surface indications of excessive leakage. As this reservoir is so small, it is hardly worth while spending much money upon it to save the little leakage that may be found, according to the Engineer. He further stated that it would be far wiser and much more to the advantage of Tryon if a new reservoir were constructed to hold at least one million to two million five hundred thousand gallons.

Later investigation of the reservoir discovered the fact that there is a leakage of approximately 27,000 gallons in twenty-four hours, or about 10 per cent of the water supply. The Board will take action to re-line the present reservoir at once to save this shortage. Installation of meters for consumers would increase the present supply 15 per cent; while the laying of the six inch line would make a total increase of well over 30 percent.

INCREASE THE SUPPLY

As a remedy to this serious condition in Tryon, Mr. Wright suggested that a small intake dam on stream No. 3 be constructed west of Intake No. 2, the water to be passed from this stream through a four inch pipe. This four inch pipe to be that obtained and taken up from the present four inch line, for which would be substituted a six inch line. This would increase the present flow to 328,000 gallons per twenty four hours, or an increase of 31 percent. An estimate of the cost of this plan was offered as follows: Intake dam, \$1,000; pipe taken up and relaid, \$2,000; new six inch pipe, including hauling and laying, \$6,600; contingencies and engineering \$960; giving a total of \$10,560. These estimates according to the engineer were based high to allow for all contingencies and should not run up to such an amount in actual cost. Interest on this investment at six percent amounts to \$53 a month or less than the cost of maintaining a pumping station.

In reviewing the future development of Tryon, Mr. Wright pointed out the feasibility of utilizing Vaughn Creek as a water supply establishing pumping station with its subsequent filtration plant. In bringing this before the attention of the Board, he strongly urged the early securing of a site on the Creek at point where the Polk County line crosses the stream. The town should secure this site as quickly as possible in order to have it ready when the necessity arose for its development. This would give a drainage area of 8 square miles with a minimum flow in dry season of not less than one million gallons of water in twenty

four hours. Power for this station could be obtained from the Blue Ridge Power Company.

The Board after considering the report from every angle and after some discussion on several points took steps to determine the actual cost of the work necessary for laying the four inch pipe and the six inch pipe, giving Mr. Wright instructions to confer with the Hendersonville board on the matter of exchanging pipe orders with them in the event the six inch pipe can not be obtained for some time. The Hendersonville project will not be in a position to lay their lines for some weeks and have ordered their pipe.

In the event that work is started on the local project, it was stated that according to present plans there will be no loss of water service to the public at any time during the work with the possible exception of a two hour shut-off to make the final turn in of water to the new main.

The final details of the plan will be discussed and acted upon at the next regular meeting of the Commission next Monday night.

J. H. Rion Appointed As Local Agent

J. H. Rion, succeeds R. L. Pearson as Tryon agent for the Southern Railway System. Mr. Pearson resigned his position recently, the resignation taking effect last Tuesday.

Mr. Pearson will remain with the local station for the present.

Busy Court Week at County Seat

Ralph Edwards Found Not Guilty---Garrett Sent to Asylum.

Following a deliberation of two hours, the jury returned a verdict of "Not Guilty" in the case of the State vs Ralph Edwards last Saturday.

Two days of the Polk County Superior Court were occupied with the trial of Ralph Edwards. The trial was entered on the charge of murder in the first degree. Following the examination of witnesses and at the close of the States' evidence, the Court declaring that a conviction could not be obtained, changed the charge stating that there were three possible verdicts: murder in the second degree, homicide or an acquittal. The jury returned a verdict for acquittal.

Richard Garrett, alleged to have killed his wife and daughter last Fall was brought into court Tuesday morning for examination as to his sanity. After a brief examination he was adjudged insane and returned to the State Asylum for the Criminal Insane at Raleigh.

Approximately one hundred cases have been tried to date in the Spring Session of the Superior Court of Polk County, the majority of which have been cases involving, sale or manufacture of liquor, operating cars without license, etc. A large number of cases have been nolle prossed for insufficient evidence.

COLUMBUS BAPTIST CHURCH

Preaching Every 2nd, 3rd, and 4th Sundays at 11 o'clock. Every Sunday night.

S. A. STROUP,
Pastor.

TRYON BAPTIST CHURCH.

Services each Sunday morning at 11 o'clock.

MUNICIPAL ELECTIONS TO BE HELD TUESDAY

Cemetery Commission Added to Tryon's Election Ticket This Year.

BALLOT

MUNICIPAL ELECTION
MAY 8th, 1923

Put X in square opposite name
you wish to vote for

For Mayor (Vote for One)

W. S. GREEN
 R. M. McCOWN

For Town Commissioners (Vote for Three)

W. C. WARD
 W. J. GAINES
 P. G. MORRIS
 H. W. WHITE
 G. E. BELL

For Cemetery Commissioners (Vote for Three)

MRS. LILLIE H. WILSON
 J. B. HESTER
 T. H. COGGEY

Sun-up to sun-down is the time allotted the voters of Tryon to elect the group of men to head their community for this next term.

Possibly there has never been a time in the history of Tryon when the Mayor and the new commission could enter into office with the opportunities for future growth and development so much in their favor.

The term ending with the election of the new City Fathers has been one of great strides for the successful future and growth of Tryon. The past year saw approximately a quarter of million dollar-worth of building completed or nearing completion. The streets of Tryon have been newly paved. Tourists from all parts of the United States are looking toward Tryon as a winter and summer resort. The numerous tourists who have recently bought real estate here with a view to building vacation homes should cause a more rapid influx of tourist business.

Truly the men to assume office in the next few days have much in their favor.

Butler-Lewis Post Will Meet Friday

Committee will Report on Cost of Swimming Pool

Butler-Lewis Post of the American Legion will meet Friday night of this week at 8 o'clock in Missildine Hall to discuss matters of interest to the Post and the community.

Several weeks ago a move was started for the building of a swimming pool for Tryon. At this time a committee was appointed to investigate the cost of construction and choice of sites. This committee will make its report at this meeting.

Every effort will be made to put through the project in time for its use this summer, according to officers of the Post.

A logical site has been offered the Post on a long time lease, rent free by a local citizen. This site offers plentiful supply of uncontaminated water, is accessible to the public and within easy walking distance on the hottest of summer afternoons.

Plans will be discussed as to the raising of sufficient funds to start work. Estimates have been given by contractors for a pool 60X40 feet, two feet deep at the shallow end for the benefit of beginners and eight or nine feet at the diving end. The present plans include bath-house and showers. Several large donations have already been pledged to the Post for the Pool, one of \$100.00.

Every member of Butler-Lewis Post should be interested in this project and is urged to attend the meeting.

EPWORTH LEAGUE

The Epworth League of Tryon held its regular devotional prayer meeting last Thursday night.

An interesting programme was offered by Miss Minnie B. Owens, her subject being, "Habits, Good and Bad." An enthusiastic gathering was present. Following the service, Mr. Sloan conducted his Union Bible Class.

The meeting tonight will be for the purpose of installing and instructing of officers by the Reverend Mr. Fikes. The meeting will take place as usual at 8 o'clock.

New Use for Walnut Shells. Walnut shells, which hitherto have been regarded as waste matter, are now made into charcoal.

THREE DAY CONFERENCE OF CONGREGATIONAL CHURCHES OF CAROLINAS TO BE HELD

Pastors From all of the Carolinas expected to arrive Saturday For Sixth Annual Convention.

The Six Annual meeting of the Conference of the Congregational churches in the Carolinas will be held in Tryon beginning Saturday of this week.

The Conference will open with Devotional Service at the Congregational Church directed by Moderator, the Rev. J. K. Higginbotham.

Prominent Pastors and churchworkers of the Carolinas, will make address on subjects vital to the church.

A well defined and elaborate programme has been arranged that will take up practically all of the three days of the conference which will close Tuesday noon.

Entertainment will be provided for the visiting pastors and church workers in the form of dinners, drives etc. A church supper will be held at the Library, Monday evening at 6:30 o'clock.

The programme is as follows:—

Saturday Night.		10:30	Modern Methods in Church Business, Dr. W. B. Duttera.
7:45	Devotional Service, Moderator, Rev. J. K. Higginbotham	11:00	The American Board as Seen by a Missionary, Rev. H. S. Leiper, (On Leave of Absence from China)
8:00	Words of Welcome, E. E. Missildine. Response, Rev. F. P. Ensminger, Superintendent. Registration and Assignments.	11:30	A Layman's View Of Missions, Prof. J. Hester.
Sunday Morning.		11:45	The Church School, Sec'y Dr. Bloom.
10:00	Bible School, Nelson Jackson, Jr. Supt. Address by Professor Keener.	Monday P. M.	
11:00	Devotional Service. The Pastor.	2:00	Devotional Service, Rev. N. M. Cooper.
11:15	Sermon Dr. Bloom, of New York.	2:15	Moral and Religious Problems of Our Public Schools, Rev. Prof. F. Hollister and Mr. Henry Von Ohlsen.
11:45	'Sacrament of the Lord's Supper.	2:45	Our Own Educational Work—A Symposium. At Star, President E. F. Green and Principal Keener.
Sunday P. M.		3:30	Auto Drive.
3:00	Women's Hour Mrs. Ensminger, Presiding	6:30	Church Supper at Library.
	Devotional Service, Mrs. Clinkscale. Report, Mrs. Ensminger.	Monday Night.	
	"Ten Years in Salt Lake City" Mrs. Thrall. Experiences in China, Miss Breck. Address, "Stumps", Miss Olive Pearson.	7:45	Devotional Service, Rev. W. H. Trainum.
5:00	Young People's Hour. Miss Grace Peters, Presiding. Talks by Mrs. Keener, Miss Philena Dickey and Miss Bonkemyer.	8:00	The Elthteenth Amendment, Dr. G. E. Paddock and Rev. W. H. Clem.
Sunday Night.		8:30	Our Literature, Dr. Lewis H. Keller.
7:45	Devotional Service, Rev. Supt Ensminger.	Tuesday Morning.	
8:00	Sermon, Rev. W. H. Trainum.	8:45	Devotional Service, Dr. W. B. Duttera.
8:30	Fellowship Meeting.	9:00	The Joy of Benevolence, Rev. N. M. Cooper.
Monday Morning.		9:15	The Art Of Soul Winning, Rev. E. L. Wehrenburg.
8:45	Devotional Service, The Moderator.	10:00	The Second Coming of Christ, Rev. J. F. Black.
9:00	Organization, Elections, Business.	10:30	Concluding Business.
10:00	Our Success in the Southeast, Dr. L. H. Keller.		