

At a Meeting of the Health Sub-Committee held in the Saloon, Town Hall, Uttoxeter, on Wednesday, the 11th day of November, 1936 at 7-30 p.m.

PRESENT:-

Councillor E. M. Mellor (Chairman)

Councillors: H. Foulkes and Miss Herbert.

1. Apology for Absence. An apology was received from Councillor S. Lunnun for non-attendance.

2. Water Supply. The following Report of the Sub-Committee was read with regard to the present position of Uttoxeter Water Supply:-

The Sub-Committee have visited the various sources of supply and report as follows:-

Somersal - 5 springs yielding 35,000 gallons daily. Amount of water increases rapidly after rain, but this increase is only temporary.  
Bramshall - yield of springs 71,000 gallons daily.  
Quixhill - Amount now being collected and utilised 230,000 gallons daily. There is at present a small overflow not being pumped.  
The question of how to collect every available gallon should be considered.

The total amount collected daily from the three sources is..	336,000 gallons.
Water Consumers outside the urban area use approximately..	21,000 " daily.
Consumption in the Urban Area, domestic and commercial is approximately..	315,000 " "

It will be seen that we are using each day all the water now at our disposal.

The Reservoir at Prestwood drops to three feet.  
A failure of the pumping plant would be most serious.  
When the River is normal two turbines work well. When the River is in flood the turbines cannot work. When the river is swollen the turbines are slowed down very considerably.  
The auxiliary pumping plant should therefore be of ample power and reliable. The present crude oil engine is not satisfactory for pumping long periods.

Suggestions. Electric pumps should be installed at Crumpwood.

Storage. The present storage capacity of the reservoirs is inadequate. Further storage should be provided - More storage is required in the Urban Area. The site of the new reservoir or reservoirs should be very carefully considered along with the question of giving adequate supplies to the higher portions of the Urban District. The matter is urgent and should receive immediate attention.

New Supplies. We have got to augment our present supplies.

In the opinion of a majority of the Sub-Committee we do not see any prospect of increasing the supplies from Somersal or Bramshall. At Quixhill (or Crumpwood) we have the Railway Spring yielding 237,000 gallons daily. This could be collected and brought across the river. The analysis of this water gives: Permanent Hardness 14°; temporary 6.94°; a total of 21°. A quantitative analysis of the water should be taken so that some idea could be formed of the nature of the permanent hardness. The temporary hardness is quite reasonable.

At Hulme Springs above Alton (owned by the Council) the Pond Spring gives 144,000 gallons daily and a series of springs in field give 237,000 gallons daily.

This is good water - Permanent Hardness 4°; Temporary 6.390° total: 10.390°.

The water if collected would have to be brought down to the pumping station; this is possible by gravity. The rights of Riparian Owners or Compensation Water would have to be considered.

144,000  
237,000  
381,000

(2)

BUT further supplies must be obtained and that quickly and the question of storage and a supply to the higher portions of the **Urban District** should be dealt with at the same time.

Letter read from Messrs. Willcox, Raikes & Marshall enclosing a brief summary of the information they had obtained with a view of enabling them to submit proposals for improving the water supply and stating that in their opinion the provision of an additional supply was becoming a matter of urgency. The notes were confidential for the use of the Committee and it was asked that steps be taken to see that they were not published as they were draft notes only and subject to some modification. The Chairman read the notes to the Committee and it was decided

That they be duplicated for the use of the Sub-Committee.

The recommendations to the Council are as follows:-

- (a) That a quantitative analysis be taken of the Railway Spring.
- (b) That the question of the electric supply for pumping at Prestwood is urgent and the Council be requested to put the matter in hand immediately.

3. Sewerage. The Report of Messrs. Willcox, Raikes & Marshall dated 21st September, 1936 was further considered and Mr. Littlepage gave particulars of the results obtained by the use of the hired Lea Recorders.

The Surveyor produced analyses of the sewage and in each instance the analyst's report contained the following remark "this is a weak sewage".

The Sub-Committee carefully considered the question and they can only come to the conclusion to recommend the Council that the Scheme be completed.

4. Sanitary Convenience. The Surveyor reported that Mrs. Heath of Stafford Road had applied for permission to instal an earth closet as at present she was unable to obtain a sufficient supply of water to flush the present water closet.

That it be a recommendation to the Council that she be allowed to instal an Elsan type lavatory.

CHAIRMAN.