

HAYFIELD RDC and CHAPLE-EN-LE-FRITH RDC WATER RECORDS FROM PUBLIC HEALTH REPORTS

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DATE	DESCRIPTION	SOURCE									
1914	<p>WATER SUPPLY of District and its several parts.</p> <p>Hayfield satisfactory. Mellor Water Supply is unsatisfactory. One portion of Mellor is well provided with water, but the other portion, including about 100 Houses, is insufficiently and intermittently supplied.</p> <p>The Scheme for supplying the whole district with water, sanctioned by the Local Government Board, has not materialised and is abandoned.</p> <p>No other Scheme has been laid before the Council, and although I have urged the immediate establishment of a supply to the Houses aforementioned the matter still remains in statu quo ante.</p> <table border="1"> <tr> <td>Number of Houses supplied from Public supplies.</td> <td>Hayfield</td> <td>540</td> </tr> <tr> <td>Number of Houses supplied from Private supplies.</td> <td>Hayfield</td> <td>13</td> </tr> <tr> <td>Number of Houses supplied from Private supplies.</td> <td>Mellor</td> <td>341</td> </tr> </table> <p>Nature of such supplies, if constant or intermittent, the sufficiency and freedom from pollution of same. Hayfield constant. Free from pollution and sufficient.</p> <p>One part of Mellor has a constant supply. The other portion of Mellor is also supplied on the constant system; but, as stated, this frequently fails. There is no contamination of the water by lead.</p> <p>There are no Houses without a supply within 100 yards.</p> <p>Number of Houses supplied from surface wells and from springs, 308.</p> <p>FURTHER REQUIREMENTS.</p> <p>The most pressing need of the District is a Water Supply for Mellor. We are no further forward than we were at the time of my last Annual Report, when special attention was drawn to this question.</p> <p>In view of the prevalence of epidemic disease, arrangements should be made for disinfection by steam of infected articles.</p> <p>I would take this opportunity to thank the various officials for their co-operation in the supervision of the Health of the District,</p> <p>G. B. PEMBERTON. 1st February, 1915,</p>	Number of Houses supplied from Public supplies.	Hayfield	540	Number of Houses supplied from Private supplies.	Hayfield	13	Number of Houses supplied from Private supplies.	Mellor	341	Hayfield RDC
Number of Houses supplied from Public supplies.	Hayfield	540									
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1925	<p>PARISH OF HAYFIELD.</p> <p>This supply is constant, of sufficient quantity and excellent quality. It is derived from a spring on 105 acres of land at an altitude of over 1,300 ft.</p> <p>PARISH OF MELLOR.</p> <p>A supply of water of good quality has been purchased at Tarden, Mellor. The quantity being insufficient, a 5 inch main has been laid from the supply at Hayfield, with a service reservoir constructed to hold 65,000 gallons of water. The supplies in Mellor do not all yield water of good quality.</p> <p>Number of houses supplied from public supplies: Hayfield, 598 ; Mellor, 121.</p>	Hayfield RDC									

1926	<p>WATER SUPPLY. The sources of supply are Upland Surface water and Springs. Generally speaking the larger communities are provided with a constant supply of excellent water from the reservoirs, not readily polluted. There are, however, parts of the District where water supply has caused much anxiety for many years.</p> <p>PEAK FOREST is supplied by wells, in many instances shallow wells, liable to pollution. There are, however, many attendant difficulties in the provision of more water. The geological strata largely does not permit the retention of water. The District is isolated and the cost of bringing a supply into the district has hitherto been considered prohibitive,</p> <p>GREEN FAIRFIELD.— The existing supply is from a Spring, but the Local Authority for the past three years has considered supplying from other sources. These sources, other springs rising at a low level, have caused considerable difficulty, owing to lack of pressure.</p> <p>THORNHILL.— A small parish with isolated houses, is supplied by a few springs and several wells. Though much time has been spent in finding a satisfactory supply, financial difficulties prevent the parish from embarking on a scheme.</p> <p>It is a matter of regret that the various parishes: Brough, Shatton, Thornhill, Aston, Bamford, and Hope, in the Hope Valley, were unable to amalgamate in a thoroughly sound scheme and take advantage of the abundant and wholesome supply from Jagers' Clough.</p> <p>HARPUR HILL. - Repeated examination of the drinking water proved it to be unwholesome. A scheme has been formulated and has to be submitted to the Ministry for the supply of this village. It is hoped that the present year will see an abundant and wholesome supply for this industrial community.</p> <p>DOVE HOLES —The erection of Council Houses in this area has involved a greater consumption of the available supply, and the question of increased storage is under consideration. The provision for further supplies is a pressing need.</p> <p>During the five years ending 1925, water main extensions have been carried out mostly to deal with new property at the following places : —</p> <p>Chinley, Prince's Road. Combs. Cliapel-en-Frith, Rowtan Grange Road. Connection over Silk Hill Banford, Joan Lane. Bathan Gate. Nook Scheme.</p> <p>For FERNLEE parish a subsidiary reservoir at the "Nook" has been completed, and a good supply of water has been obtained to augment the existing scheme from Lee Head Reservoir.</p> <p>During the past year a connection has been made between the Fernilee water main on the top of Silk Hill to the Chapel main at Guat Hole. By this means the whole of Bagsworth and a portion of Chinley can be supplied when necessary with a plentiful supply from Fernilee.</p> <p>In Bamford parish the water main has been extended in Joan Lane.</p>	Chapel-en-le-Frith RDC
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1937	<p>The sources of supply are Upland Surface Water and Springs. Generally speaking, the larger communities are provided with a constant supply of excellent water from the reservoirs, not readily polluted. There are, however, parts of the District where water supply has caused much anxiety for many years.</p> <p>PEAK FOREST. Consideration has been given to supplying this village with water, and the services of a geologist were obtained to report upon the possibility of a supply in the vicinity. It was resolved to carry out preliminary investigations.</p> <p>WORMHILL. The additional softening plant was installed during the year and chemical analyses show a satisfactory output. A water main extension of 120 yards was carried out during the year.</p> <p>HARTINGTON UPPER QUARTER. In the latter part of the year this district suffered from a shortage of supply, the causal factors being the increased demand for dairy purposes combined with the lack of adequate storage accommodation. Further, many houses have been built in the area since the purchase of the water undertaking. In my opinion, consideration should be given to increasing the storage capacity.</p> <p>THORNHILL. Nothing has been done to provide a constant supply for this parish.</p> <p>HOPE AND CASTLETON It is hoped that the Council will further pursue a scheme for the amalgamation of the supplies and storage for these two parishes.</p> <p>CHAPEL-EN-LE-FRITH. A water main extension of 180 yards was carried out during the year.</p> <p>HAYFIELD The 150,000 gallons covered reservoir was completed during the year. 300 yards of water main were renewed and an extension of similar length was carried out.</p> <p>CHARLESWORTH. The supply to this village was depleted in the latter part of the year and it was necessary to pump from the low level reservoir. For this purpose a fire-engine was hired from the Borough of Glossop.</p> <p>Gauging of various springs at Simmondley showed that no satisfactory amount of water was available from this source.</p>	Chapel-en-le-Frith RDC
1939	<p>CASTLETON AND HOPE. In October, 1932, permission of the Ministry of Health was sought for the purchase of the Castleton water undertaking from a private company but sanction was not given by the Ministry.</p> <p>On the 15th March, 1939, the following proposals were put forward at a Ministry of Health Inquiry :—</p> <p>Link up Castleton and Hope systems by means of a 4 inch spun iron pipe along the main road; a similar pipe line between the Castleton Reservoir and the inlet to the Hope Reservoir with a ball valve at the Hope end which is 14 feet lower than the Castleton end; lining the Castleton Reservoir, and cutting off the collecting drains on the Castleton gathering ground at Brockett Booth except that from the Western side which will be improved.</p>	Chapel-en-le-Frith RDC

	<p>The small storage tank at Fullwood Stile would be relieved but would still continue to serve a portion of the Hope area. The combined storage of the two reservoirs would be 376,000 gallons.</p> <p>The dry weather yield at Jagger's Clough (Hope Supply) and the west source at Brockett Booth is 28,070 g.p.d., the population to be served being 1,350 at 30 g.p.h.p.d. equals a daily requirement of 12430 gallons.</p> <p>WATER SCHEMES CARRIED OUT.</p> <p>BAMFORD WATER. 3inch main extension from Mytham Bridge to the "Rising Sun" Hotel.</p> <p>CHAPEL AND CHINLEY WATER MAIN RENEWALS. Services and mains in Chapel-en-le-Frith.</p> <p>HAYFIELD 6 inch main from Kinder Bank supply tank to Jumble Balance Tank built at Morland Road with 3 inch main to existing supply.</p>	
1940	<p>CASTLETON AND HOPE</p> <p>4-inch main from Hope Reservoir to Castleton Reservoir. Relining Castleton Reservoir, etc. Jagger's Clough main renewal.</p> <p>CHARLESWORTH. An inquiry was held on 30th January, 1940, for sanction to the loan of £2,500 for the purpose of collecting springs below Coombes Rocks and piping the water to the existing reservoir in Town Lane, Charlesworth. The gaugings show a minimum flow of 39,000 g.p.d. The work was commenced in June, 1940, but was not completed at the end of the year.</p> <p>HAYFIELD Sanction was given by the Ministry of Health for a loan of £3000 for the purpose of constructing a storage reservoir of 20,000 gallons. The work was completed during the year.</p>	Chapel-en-le-Frith RDC
1942	No improvements mentioned	ditto
1943	<p>PEAK FOREST. No alteration in the water supply to this village.</p> <p>SHATTON. The new Housing Estate is inadequately supplied from a private source.</p>	Chapel-en-le-Frith RDC
1944	No improvements mentioned	ditto
1945	No improvements mentioned	ditto
1946	No improvements mentioned	ditto
1947	<p>No improvements at Hayfield mentioned</p> <p>CHAPEL-EN-LE-FRITH, BERESFORD ROAD, TEMPORARY HOUSING SITE. 380 lineal yards of 3-inch Water Main.</p> <p>CHAPEL-EN-LE-FRITH, PARK ROAD, HOUSING SITE. 3-mile of 3-inch Water Main.</p>	Chapel-en-le-Frith RDC
1948	<p>CHINLEY, BELGRADE AVENUE HOUSING SITE. 70 lineal yards of 3 inch Water Main.</p> <p>HAYFIELD TEMPORARY HOUSING SITE. 110 lineal yards of 3 inch Water Main.</p> <p>CASTLETON HOUSING SITE. 110 lineal yards of 3 inch Water Main.</p>	Chapel-en-le-Frith RDC

	<p>BROUGH AND THORNHILL WATER SCHEME. 4 miles of 3 inch and 6 inch Water Mains. Service Tank 7,000 gallons capacity.</p>	
1949	<p>PEAK FOREST. In spite of many efforts, no progress has been made in improving the water supply of this village.</p> <p>WORMHILL, SMALLDALE WATER EXTENSION. 700 lineal yards of 3 inch Main.</p> <p>BROUGH AND THORNHILL WATER SCHEME. 770 lineal yards of 5 inch Main.</p> <p>HAYFIELD HOUSING SITE. 170 lineal yards, 3 inch Water Main.</p>	Chapel-en-le-Frith RDC
1950	<p>All the Parishes are supplied with piped water supply except Peak Forest and a portion of Green Fairfield. The supplies during the year were adequate except at Bamford where emergency pumping was resorted to from a supplementary source for a few weeks only in September, and at Hartington-Upper-Quarter where a serious shortage of supply is annually experienced. Here it was, however, possible to maintain supplies by pumping from an emergency source and by carriage of water in bulk with the aid of the Derbyshire Fire Service, whose aid is gratefully acknowledged. The Council have plans for an additional source at Hartington-Upper-Quarter and the position of the additional scheme at the time of compilation of this report is that a trial borehole is to be sunk.</p> <p>Peak Forest. Progress has been made during the year under review. A scheme for supplying the Parish has been before the Ministry of Local Government and Planning and contract documents are in course of preparation. It is a fairly extensive scheme and a starting date has not yet been allocated, but the Contract Documents: are in course of preparation at the time of compilation of this report.</p> <p>Quality. Forty-nine bacteriological examinations of the supplies were carried out during the year and 14 were reported to be bacteriologically unsatisfactory. As a result of this, the routine of chlorination has been overhauled and it is anticipated that a considerable improvement will be noted in the report for 1951. The matter will be referred to then at greater length.</p> <p>New Works. The following extensions and new works were completed during the year under review:—</p> <p>(1) BROUGH AND THORNHILL WATER SCHEME. 2,230 lin. yds. 3 inch main.</p> <p>(2) BAMFORD HOUSING. SITE. 200 lin. yds. 3 inch Water main.</p> <p>(3) CHARLESWORTH HOUSING SITE. 80 lin yds. 3 inch Water main.</p>	Chapel-en-le-Frith RDC
1951	<p>All the Parishes are supplied with piped water except Peak Forest and a portion of Green Fairfield.</p> <p>Adequacy. The supplies during the year were adequate except at Castleton where the emergency pumping was resorted to for five days in August, 1951. No interruption of the supplies to the Village occurred. The supplies were interrupted at Hartington-Upper-Quarter where, as mentioned in earlier annual reports, an annual deficiency is experienced. The administration did its utmost to reduce inconvenience to a minimum. I am informed that the position of the preparatory work for additional supplies for Hartington-Upper-Quarter at the date of compilation of this report is that application for loan sanction for a trial borehole is before the Ministry. Regarding the Peak Forest extension referred to in the last report the Consulting Engineers state that pipes have been placed on order and that they hope to commence work in 1953.</p> <p>Quality. From the regular sources of supplies a total of 55 samples were taken for examination. Fourteen were chemical analysis and 41 for bacteriological examination. Unsatisfactory samples were from the Hindlow supply (2) which supplies the</p>	Chapel-en-le-Frith RDC

	<p>Hartington-Upper-Quarter Area, Sparrowpit (2), Castleton (1) and Hayfield (2).</p> <p>The Hindlow supply was subsequently supplied with a Chlorination apparatus; the consumers at Sparrowpit, a Hamlet of approximately 30 houses were advised to boil the water, and no further action was taken regarding the Castleton and Hayfield supplies as subsequent samples from these sources proved satisfactory.</p> <p>The routine of chlorination is now regular: the records are checked quarterly and the overhauling of the procedure has resulted in a reduction of the number of unsatisfactory samples noted in the report for 1950.</p> <p>In addition to the above noted samples, 22 samples were taken from sources used or likely to be used for emergency supplies where a deficiency in the regular supply occurred. Twelve were satisfactory and 10 unsatisfactory.</p> <p>New Works carried out during 1951. FAIRY BANK HOUSING SCHEME, HAYFIELD. 133 lin. yds. 3 in. water main. CHARLESWORTH WATER SCHEME, HARGATE HILL. No. 1. 2,000 gallon collecting chamber. 135 lin. yds. harnessing pipes and 3 in. distribution main. CHAPEL AND CHINLEY WATER. 2,566 lin. yds. of new 8in. main from Combs to Ridge. EDALE WATER. 480 lin. yds. of 3 in. main renewed between source and Grindsbrook House. CHARLESWORTH WATER. 900 lin. yds. of 2in. main renewed at Woodseats Lane. 300 lin. yds. of new 3 in. main for pumping scheme between Gamesley and Town Lane Reservoirs. WORMHILL WATER. New pump installed at Wormhill Pump House. Hartington-Upper-Quarter Water. 150 lin. yds. of 2 in. main and pump installed at Ryan & Somerville's Quarry for temporary supply. BROUGH AND THORNHILL WATER. Filter completed for Winhill Springs supply. PEAK DALE HOUSING SITE. 110 lin. yds. 3in. Water main.</p>	
1952	<p>All the parishes are supplied with piped water except Peak Forest and a portion of Green Fairfield.</p> <p>Adequacy. The supplies were in the main adequate, except at Hartington-Upper-Quarter where only 18 hours pumping, covering seven days, was resorted to from emergency supplies. Regarding the Peak Forest extension scheme referred to in the last report, preparations are well in hand for the work to commence early in 1953.</p> <p>Quality. From the regular sources of supplies a total of 71 samples were submitted for examination: 11 for chemical analysis and 60 for bacteriological examination. Unsatisfactory bacteriological reports were obtained from Castleton (5), Sparrowpit (1), Hayfield (6), Hargate Hill (1), Combs (Red Rocks) (1). All public supplies are chlorinated except the Sparrowpit supply : Consumers here have been requested to boil all water to be used for drinking purposes.</p> <p>The routine of chlorination is regular, records of the residual chlorine are checked regularly and repeat samples from sources previously reported doubtful or unsuitable proved to be satisfactory.</p>	Chapel-en-le-Frith RDC

	<p>Legislation. Water Bye-laws under the Water Act, 1945, were brought into force during the year.</p> <p>New Works carried out during 1952. HOPE HOUSINGNG SITE ... 420 feet 4 in. Cast Iron main. DOVE HOLES SITE... 560 feet 3 in. Asbestos Cement main. 530 feet 3 in. Cast Iron main. 2,460 yds. 3 in., 4 in. and 5 in. Cast Iron main scraped and partly re-lined. 3,000 gallon storage tank constructed. CHINLEY HOUSING SITE 640 feet 4 in. Cast Iron main. ASHBOURNELANE SITE 402 feet 4 in. Cast Iron main. ASTON ... 380 yards 4 in. Asbestos Cement main. HARGATE HILL ... Chlorination apparatus fixed to supply. CASTLETON Chlorination apparatus fixed to supply. HOPE ... Chlorination apparatus fixed to supply.</p>									
1953	<p>All the Parishes are supplied with piped water except Peak Forest and a portion of Green Fairfield. Regarding the Peak Forest extension scheme referred to in the last report the work is proceeding satisfactorily.</p> <p>Adequacy. The supplies were adequate and no recourse to emergency supplies were necessary.</p> <p>Quality. All public supplies are chlorinated except at Sparrowpit, but with the completion of the Peak Forest Scheme mentioned above, this Parish also will have a chlorinated supply. A routine of chlorination is established, records of the residual chlorine are checked regularly, and repeat samples from sources previously reported doubtful or unsuitable proved to be satisfactory with the exception of the supply from Win Hill Springs, Thornhill, where arrangements have been made for the supply to be chlorinated and, in the meantime, for water to be taken from the Derwent Valley Water Board, under existing arrangements.</p> <p>A total of 58 samples were collected and submitted for examination: 16 for Chemical Analysis and 42 for Bacteriological Examination. Unsatisfactory bacteriological reports were obtained from :—</p> <table border="1"> <tr> <td>Simmondley ..1</td> <td>Thornhill4</td> </tr> <tr> <td>Shireoaks1</td> <td>Bamford1</td> </tr> <tr> <td>Sparrowpit ... 1</td> <td>Dove Holes..1</td> </tr> <tr> <td>Castleton1</td> <td></td> </tr> </table> <p>New Works carried out during 1953. SWALLOWHOUSE LANE SITE. 350 yards 3 in. cast iron main.</p>	Simmondley ..1	Thornhill4	Shireoaks1	Bamford1	Sparrowpit ... 1	Dove Holes..1	Castleton1		Chapel-en-le-Frith RDC
Simmondley ..1	Thornhill4									
Shireoaks1	Bamford1									
Sparrowpit ... 1	Dove Holes..1									
Castleton1										
1954	<p>All the Parishes are supplied with piped water except Peak Forest and a portion of Green Fairfield. Regarding the Peak Forest extension scheme referred to in the last report work is nearing completion.</p> <p>Adequacy. The supplies are adequate and no recourse to emergency supplies are necessary.</p> <p>Quality. All public supplies are chlorinated except at Sparrowpit, but with the completion of the scheme mentioned above, this Parish will have a chlorinated supply.</p> <p>A routine of chlorination is established, records of the residual chlorine are checked regularly and repeat samples taken from sources previously reported as unsatisfactory.</p> <p>A total of 40 samples were collected and submitted for examination, one for chemical analysis and 39 for Bacteriological Examination. Unsatisfactory bacteriological reports</p>	Chapel-en-le-Frith RDC								

were obtained from :—

Dove Holes 1	1	Sparrowpit(Unchlorinated)	1
Castleton	1	Simmondley (Raw Water)	1
Thornhill	1		

New Works and Reconditioning carried out during 1954.

Tunstead, Wormhill 713 yds. 3in. water main.

Crossings Ave., Chapel 86 yds. 4 in. water main.

Park No. 2 Site 505 yds. 5in. water main.

50 yds. 4 in. water main.

MAIN SCRAPING.

During the year 10,145 lineal yards of water main was scraped and relined at Charlesworth, Hayfield, Chinley, Chapel and Dove Holes as a first instalment of an extensive programme of mains reconditioning.

1955 All the Parishes are supplied with piped water except part of Green Fairfield. During the year the Peak Forest extension referred to previously was completed and put into operation.

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Adequacy.

The year under review proved to be dry with long hot summer days and the rainfall between June and October being unusually low. These conditions produced their problems and from 28th September emergency measures were instituted involving pumping from upland streams. The water was heavily chlorinated and at Shireoaks up to 4th November over 2 million gallons were pumped. Similar emergency measures were instituted in other parts of the Rural District and although there are 10 separate supplies serving the total population, a constant supply was maintained.

Quality.

All public supplies are chlorinated. A routine of chlorination is established, records of the residual chlorine are checked regularly and repeat samples taken from sources previously reported as unsatisfactory.

A total of 150 samples were collected and submitted for examination, 27 for chemical analysis and 123 for bacteriological examination.

Sixteen unsatisfactory bacteriological reports were obtained from the following, but most of these (13) were from emergency sources and in all cases further samples were taken and found to be satisfactory on efficient chlorination.

Shireoaks	5	Gamesley	1	Thornhill	1
Castleton	1	River Roych	1	Ridge	5
Hope	1	River Mevril	1		

New Works carried out during 1955.

Park No. 2B 145 yards. 3 in. water main.

1956 All the parishes are supplied with piped water supply. During the year the Waterswallows main extension from the Buxton supply was completed. Work was commenced on the main extension from Edale to Barber Booth.

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Adequacy. The supplies were adequate and no recourse to emergency supplies were necessary.

Quality. All public supplies are chlorinated. A routine of chlorination is established, records of the residual chlorine are checked regularly and repeat samples taken from sources previously reported as unsatisfactory.

A total of 64 samples were collected and submitted for examination, 18 for chemical examination and 46 for bacteriological examination. Seven unsatisfactory

	<p>bacteriological reports were obtained, five from Gamesley Reservoir and two from Chapel Brow, Charlesworth. Gamesley Reservoir is now held as an emergency supply and is chlorinated before use whilst Chapel Brow is now chlorinated regularly.</p> <p>New Works carried out during 1956. Waterswallows extension 320 yds. 4 in. water main.</p>																									
1957	<p>All the parishes are supplied with piped water supply. During the year the main extension from Edale to Barber Booth was completed. A small extension of the Peak Dale main to Spring Bank was also completed.</p> <p>Adequacy. During the year under review the period between 22nd March and 12th July proved exceptionally dry when we experienced an early summer, with long hot days and unusually low rainfall. It became necessary to institute emergency measures at Chapel-en-le-Frith, Hindlow, Castleton and Dove Holes to maintain a constant supply to these areas. In brief, the supplies were supplemented from upland streams at Chapel-en-le-Frith, from an industrial borehole at Hindlow, a private well at Castleton and from a reservoir near Dove Holes for the latter village. These measures enabled the District Council to meet their statutory responsibilities to the consumers.</p> <p>Quality. All public supplies are chlorinated. A routine of chlorination is established, records of the residual chlorine are checked regularly and repeat samples are taken from sources previously reported as bacteriologically unsatisfactory.</p> <p>Owing to drought conditions the comparatively large total of 251 samples were collected and submitted for examination, 21 for chemical analysis and 251 for bacteriological examination.</p> <p>Twenty-two unsatisfactory bacteriological reports were obtained from the following, but all of these were from emergency sources and in all cases further samples were taken and found to be satisfactory on efficient chlorination.</p> <table border="1"> <thead> <tr> <th>NON-CHLORINATED</th> <th></th> <th>CHLORINATED</th> <th></th> </tr> </thead> <tbody> <tr> <td>Gameslay</td> <td>3</td> <td>Castleton (Russett Well)</td> <td>2</td> </tr> <tr> <td>Pyegreave</td> <td>1</td> <td>Rainsides</td> <td>5</td> </tr> <tr> <td>Black Edge</td> <td>1</td> <td>Shireoaks</td> <td>3</td> </tr> <tr> <td>Lodes Well</td> <td>2</td> <td>Dove Hole</td> <td>4</td> </tr> <tr> <td></td> <td></td> <td>Ridge Reservoir</td> <td>1</td> </tr> </tbody> </table> <p>All the chemical samples were satisfactory with the exception of one taken from Dove Holes where the iron and lead contents were excessive. A further sample was classed as satisfactory following remedial action being taken.</p> <p>In addition, fourteen bacteriological samples were taken from private supplies, seven were satisfactory and seven unsatisfactory. Where the results were unsatisfactory, the tenants were advised to boil all drinking water.</p> <p>New Works carried out during 1957. Barber Booth extension. .. 1,370 lin. yds. 3 inch water main. Spring Bank extension, Peak Dale... 209 lin, yds. 3 inch water main.</p>	NON-CHLORINATED		CHLORINATED		Gameslay	3	Castleton (Russett Well)	2	Pyegreave	1	Rainsides	5	Black Edge	1	Shireoaks	3	Lodes Well	2	Dove Hole	4			Ridge Reservoir	1	Chapel-en-le-Frith RDC
NON-CHLORINATED		CHLORINATED																								
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		Ridge Reservoir	1																							
1958	<p>The public water undertaking in the District is shortly to be transferred to another authority and I feel that a tribute is due to all concerned for the careful and conscientious manner in which it has been managed to date, and in particular to the standard of purity which has been maintained—no easy matter bearing in mind a multiplicity of small sources of supply over a wide area. I will not comment further except to say that the Public Health staff will continue to keep a watchful eye on the purity of the water.</p>	Chapel-en-le-Frith RDC																								

The majority of parishes are supplied with piped water supply. During the year main extensions from Edale to Ollerbrook Booth and Mill Cottages were completed. Regrouping of the Undertaking with those of adjacent Authorities received considerable attention during the year and is expected that an agreed scheme will be achieved during 1959.

Adequacy

As will be seen from the rainfall statistics, the year proved abnormally wet during the months of June to September. Hence all the supplies were adequate to meet demands.

Quality.

All public supplies are chlorinated. A routine of chlorination is established records of residuals are checked regularly and repeat samples are taken from sources reported as bacteriologically unsatisfactory.

Seventy samples were collected and submitted for examination, 17 for chemical analysis and 53 for bacteriological examination.

Thirteen unsatisfactory bacteriological reports were obtained from the following, but in the case of chlorinated supplies further samples were taken and found to be satisfactory.

NON-CHLORINATED		CHLORINATED	
Bowden Bridge	3	Dove Holes	1
Edale	1	Ramsides	1
Somesley	1	Summondley	1
		Charlesworth	1
		Edale	1
		Castleton	1
		Hope	2

All the chemical samples were found to be satisfactory.

In addition, 21 bacteriological samples were taken from private supplies, 17 were unsatisfactory and 4 satisfactory. One chemical sample was taken and found to be unsatisfactory. Where adverse results were obtained the tenants were advised to boil all drinking water.

New Works carried out during 1958.

Harnessing new springs, Edale. 240 yards 3 in. water main.
 Ollerbrook extension from Edale. 657 yards 3 in. water main.
 Mill Cottages extension from Edale. 1,500 yards 3 in. water main.
 St. John's Close, extension, Bamford.. 100 yards 4 in. water main.

1959

The year under review proved to be abnormally dry and the rainfall deficiency from January, 1959 affected most of Europe and extended over N.W. Europe until the end of October. The general pattern in England was that most rain occurred in January or February, then May to September proved predominantly fine except in April when generally the whole of the U.K. had more than average rainfall. There was a large deficiency in May; in June and July there was a complex distribution due to thunderstorms affecting specially Southern England. August was patchy in the U.K. due to thunderstorms especially in Southern England but in the Midlands and East Anglia there was no measurable rainfall. September surpassed all other months as 70% of average rainfall was not achieved. The deficiency of rainfall was greater than any previously known taken back to the 18th Century and locally, as regards rainfall and run-off, has been both lower than the lowest that might be expected once in a hundred years. Evaporation was great with consequent soil moisture deficit and little relief occurred in mid-October when the drought was broken. The run-off was delayed locally

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well into November.

The early stages of these unusual meteorological conditions were indistinguishable from those previously experienced at the commencement of a wet summer.

The local rainfall statistics are as follows (inches):—

	1959	1958
January	3.72	5.14
February	0.60	8.98
March	2.25	2.47
April	3.75	1.20
May	0.50	3.90
June	2.21	5.63
July	3.40	6.45
August	0.60	6.48
September	0.21	6.56
October	4.56	4.17
November	6.02	1.64
December	8.75	5.20
	36.57 inches	57.82 inches

The exceptional deficiency in rainfall produced problems for water undertakings throughout the Country. Energetic and timely measures were taken in the Rural District early in the season to conserve supplies, to harness upland streams whilst still available, to locate underground sources and to set up booster stations. Thus no failure in any of the nine towns or village supplies occurred and the Undertaking of the Rural District Council emerged from an unusual experience in mid-October with 50 days supply in Chapel-en-le-Frith and other satisfactory margins elsewhere.

Routine	Chemical	Satisfactory	Bacteriological	Satisfactory	Unsatisfactory
Castleton	1	1			
Hope	1	1	1	1	
Bamford	1	1	1	1	
Edale	1	1	2	1	1
Dove Holes	1	1	2	2	
Hindlow	1	1	1	1	
Chapel Shireoaks	1	1	1	1	
Chapel Rainsides	2	2	1	1	
Wormhill	1	1	1	1	
Hayfield	1	1	2	2	
Emergency					
Castleton Russett Well			95	88	7
Chapel Pygreave	1	1	120	94	26
Chapel Shireoaks	1	1	56	53	3
Edale			5	5	
Dove Holes Black Edge BH	1	1	44	42	2

In addition to the above chlorinated samples, raw water bacteriological samples from Roych and Pygreave streams were unsatisfactory 'whilst three samples from the Dove Holes borehole were all satisfactory.

Eleven bacteriological samples were taken from the three public wells at Peak Forest with the following results:—

Well at Old Dam	4 samples	3 satisfactory	1 unsatisfactory
Well at Heamstone Lane	3	1	2
Well at Wormhil Road	4	1	3

Notices have now been erected at the wells advising the boiling of all waters taken for drinking purposes.

Sixteen bacteriological samples were taken from private supplies, twelve were unsatisfactory and four satisfactory. Where adverse results were obtained the tenants were advised to boil all drinking water.

WATER SCHEMES

Fairy Bank Crescent, Hayfield.	25 yards	4 in. water main.
Manchester Road, Chapel	192 yards	4 in. water main.
Church Fold, Charlesworth	30 yards	3 in. water main
Rye Flat, Combs.	92 yards	6 in. water main.
Derwent Square, Chinley	70 yards	3 in. water main
Crossings Avenue, Chapel	35 yards	4 in. water main.
Ferodo Ltd.	17 yards	2 in. water main.

1960

Water supply generally is satisfactory, although there are still a few isolated pockets which remain to be provided for and they must await the necessary increase in bulk supplies which can only be forthcoming when the proposed water board takes over the responsibility for the service. The aim, however, must be to continue to ensure that as far as possible all hereditaments are supplied with a piped water supply.

The local rainfall statistics are as follows (inches):—

	1960	1959
January	6.83	3.72
February	3.75	0.60
March	1.61	2.25
April	2.31	3.75
May	2.50	0.50
June	1.32	2.21
July	6.62	3.40
August	5.53	0.60
September	4.93	0.21
October	6.36	4.56
November	6.65	6.02
December	5.73	8.75
	54.14	36.57 inches

(a) Qualative. The following table of samples indicates a reasonable standard of purity of the supplies:

Public Supplies –

	Chem-ical	Satisf-actory	Bacterio-logical	Satisf-actory	Unsatisf-actory
Castleton	1	1	2	2	
Hope	1	1	2	2	
Bamford	1	1	2	2	
Edale	1	1	2	2	1
Dove Holes	1	1	5	4	
Hindlow	1	1	2	2	
Chapel Shireoaks	1	1	2	2	
Chapel Rainsides	1	1	2	2	
Wormhill	1	1	2	2	
Hayfield	1	1	2	2	
Totals	10	10	23	22	1

Chapel-en-le-Frith RDC

In addition four bacteriological samples were taken from the Manchester Corporation supply to Charlesworth. All were classed as being satisfactory.

Seventeen bacteriological samples were also taken from private supplies, nine were satisfactory and eight unsatisfactory. Where adverse results were reported the occupiers were advised to boil all drinking water.

(b) Quantitative. Reference to the rainfall statistics will show that 1960 was a wet summer hence all the supplies under the control of the Local Authority were adequate to meet demands.

New works carried out during 1960.

Horsefair Avenue, Chapel-en-le-Frith.	275 yards 4 in. water main
Bamford-Hope Water Augmentation.	3,590 yards 6 in. water main
Brentwood Road, Bamford.	112 yards 3 in. water main
Greenhead Park, Bamford (replacement of 2 in. main).	48 yards 3 in. water main

1961

Water supply has remained for a further year as a responsibility of the local authority due to delays outside the Council's control which has occurred in the formation of the new Water Board, This has had unfortunate results in some respects in that schemes for improving certain areas which lack either a mains supply altogether, or in which augmentation of present supplies are required has been delayed, having been deferred for the Board's consideration. Water, in my opinion is the most important amenity which needs to be supplied and even when the Board is confirmed I feel that the local authority in conjunction with the Board must endeavour to ensure that it is made available as widely as possible throughout the district. In commenting on the water supply in the district as a whole I must pay tribute to the skill of Mr, Colston and his staff for the way in which a multiplicity of small sources are handled to ensure that even in dry spells there has never been a significant shortage due mainly to prudent foresight together with a detailed local knowledge. I feel sure that the responsible officials of the new Board will need to collaborate with this Council's officials very closely during the transitional stage in order to prevent any shortage occurring, especially in the event of a dry summer. All supplies are chlorinated without filtration and almost invariably satisfactory samples taken at frequent intervals were obtained. The local rainfall statistics are as follows (inches):—

	1960	1961
January	6.83	6.44
February	3.75	3.44
March	1.61	3.15
April	2.31	4.41
May	2.50	2.26
June	1.31	2.61
July	6.62	4.74
August	5.53	6.42
September	4.93	2.96
October	6.36	6.31
November	6.65	4.73
December	5.73	3.75
	54.14	51.22 inches

(a) Qualitative. The following table of samples indicates a reasonable standard of purity of the supplies :

Chapel-en-le-Frith RDC

Public Supplies –

	Chem-ical	Satisf-actory	Bacterio-logical	Satisf-actory	Unsatisf-actory
Castleton	2	2	2	2	
Hope	2	2	2	2	
Bamford	2	2	2	2	
Edale	2	2	2	2	
Dove Holes	2	2	4	4	
Hindlow	2	2	2	2	
Chapel Shireoaks	2	2	2	2	
Chapel Rainsides	2	2	4	3	
Wormhill	2	2	2	2	1
Hayfield	2	2	2	2	
Totals	20	20	24	23	1

In addition four bacteriological samples were taken from the Manchester Corporation supply to Charlesworth. All were classed as being satisfactory. Twenty-one bacteriological samples were also taken from private supplies, nine were satisfactory and twelve unsatisfactory. Where adverse results were reported the occupiers were advised to boil all drinking water.

(b) Quantitative. Reference to the rainfall statistics will show that overall 1961 was a wet summer. March to June were, however, relatively dry months and emergency measures were then resorted to from 5th to 30th June in order to maintain supplies and on such occasions there is a well established routine of chlorination and bacteriological control. During this period 13 bacteriological samples were taken, 12 of which were satisfactory and one unsatisfactory.

The following table gives estimated figures for the number of dwelling houses, by parishes supplied by mains water and the number on private supply. There are no stand-pipes in the district.

	Public Supply		Private Supply	
	No. of Dwellings	Estimated Population	No. of Dwellings	Estimated Population
Aston	23	60	4	10
Bamford	345	1118	6	22
Brough & Shatton	61	161	4	12
Castleton	221	615	12	35
Chapel-en-le-Frith	2324	6002	110	218
Charlesworth	350	1120	65	200
Chinley Buxworth & Brownside	705	1980	35	100
Chisworth	50	117	40	110
Derwent	-	-	19	60
Edale	88	245	30	95
Green Fairfield	34	85	14	35
Hartington Upper Quart	235	535	46	125
Hayfield	817	2266	42	160
Hope	240	780	14	40
Hope Woodlands	-	-	24	80
King Sterndale	-	-	15	160
Peak Forest	116	280	15	50
Thornhill	60	147	4	13
Wormhill	520	1275	20	55
TOTALS	6189	16806	548	1560

New works carried out during 1961

Derwent Square, Chinley.	26 yards 3 in. water main
Cromwell Field, Chapel.	278 yards 4 in, water main
Hallsteads, Dove Holes. (To new estate)	68 yards 4 in. water main
Bamford supply.	New filter on 4 in. main

1962

The date for the final take-over by the North Derbyshire Water Board is now 1st October, 1963, The delays which have occurred have held up proper consideration of plans to extend the distribution system to areas where a piped water supply is needed. It may be in some cases that the cost will be prohibitive, and in that event it will be necessary to consider certain properties in these areas for inclusion in slum clearance proposals. One cannot refer to water supply without a reference to fluoridation, In this area where there is a multiplicity of supply points, the implementation of this procedure will, undoubtedly, present difficulty, nevertheless, I hope that this common sense measure to improve our children's teeth will be introduced before long locally. The local rainfall statistics are as follows

	1962	1961
January	5.72	6.44
February	3.95	3.44
March	2.43	3.15
April	3.75	4.41
May	4.21	2.26
June	0.72	2.61
July	2.62	4.74
August	6.32	6.42
September	5.21	2.96
October	2.23	6.31
November	2.33	4.73
December	5.86	3.75
	45.37	51.22 inches

Water Supplies:

(a) Qualitative. The following table of samples indicates a reasonable standard of purity of the supplies:

Public Supplies	Chem-ical	Satisf-actory	Unsatis-factory	Bacterio-logical	Satisf-actory
Castleton	1	1		2	2
Hope	1	1		2	2
Bamford	1	1		2	2
Edale	1	1		2	2
Dove Holes	1	1		4	4
Hindlow	1	1		2	2
Chapel Shireoaks	1	1		3	3
Chapel Rainsides	1	-	1	2	2
Wormhill	1	1		2	2
Hayfield	1	1		4	4
Totals	10	9		25	25

In addition three bacteriological samples were taken from the Manchester Corporation supply to Charlesworth. Two samples were satisfactory, one unsatisfactory, Two samples were taken from the Derwent Valley Water Board supply in the Hope Valley, both being satisfactory.

Twenty-five bacteriological samples were taken from private supplies, twelve were satisfactory, thirteen unsatisfactory. Where adverse results were reported the

Chapel-en-le-Frith RDC

occupiers were advised to boil all drinking water.

(b) Quantitative. The months of June and July were periods of comparatively light rainfall. During these months all supplies in the area became depleted and recourse was made to established emergency operations. All reservoir levels were maintained at safe margins and the daily bacteriological examinations confirmed no diminution in the quality of the water to the distribution system. This satisfactory feature is attributable to a careful adherence to chlorination technique but, nevertheless, resource to open moorland streams to maintain supplies is a questionable though necessary expedient during the period of the formation of a new Water Undertaking which will assume control on 1st October, 1963. Therefore, it is hoped that the newly established Board will augment without delay supplies which for several years past have been insufficient to meet increased demand.

The following table gives estimated figures for the number of dwelling houses, by parishes supplied by mains water and the number on private supply.

	Public Supply		Private Supply	
	No. of Dwellings	Estimated Population	No. of Dwellings	Estimated Population
Aston	24	62	3	7
Bamford	345	1110	5	20
Brough & Shatton	62	160	4	12
Castleton	221	604	10	33
Chapel-en-le-Frith	67	6040	98	210
Charlesworth	352	1100	59	190
Chinley Buxworth & Brownside	714	1955	31	100
Chisworth	50	108	37	110
Derwent	-	-	18	50
Edale	88	238	28	90
Green Fairfield	34	76	12	35
Hartington Upper Quart	235	510	42	120
Hayfield	824	2230	37	145
Hope	241	770	12	40
Hope Woodlands	-	-	24	80
King Sterndale	-	-	44	160
Peak Forest	116	260	13	50
Thornhill	60	140	4	13
Wormhill	527	1240	15	55
TOTALS	6272	16603	596	1517

New works carried out during 1962

Horsefair Avenue, Chapel.	140 yards	4 in, water main
To new development at Combs	96 yards	3 in, water main
Hope Estate Extension (Eccles Close)	3.0 yards	4 in, water main
Hope Estate Extension (Eccles Close)	137 yards	3 in, water main
Charley Lane - Higher Crossings, Chapel	1200 yards	6 in, water main
Bamford to new estate development (Greenhead Perk) (West Lees)	311 yards	4 in, water main
New Council Estate Peak Dale	63 yards	3 in, water main
New Council Estate Dove Holes	93 yards	3 in, water main

1963	During the year the North Derbyshire Water Board took over the main supply for the area, and no doubt when they have had time to assess the position, plans will be made where practicable to cover those areas which are at present without a main supply. In some localities, Cowdale for example, the water supply, though piped, is undertaken by a private firm and is unchlorinated – a situation which I should like to see altered at an	Chapel-en-le-Frith RDC
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early date.

Rainfall and Sampling records are not reproduced on here from now on. Please refer to original scanned images by the Wellcome Collection

(b) Quantitative and Historical. The summer months being of relatively high rainfall, supplies throughout 1963 were adequate to meet all demands, On 1st October the North Derbyshire Water Board became the Statutory Undertakers for this Rural District and for other local authority areas in North Derbyshire.

Thus terminated on the previous day a long history of creditable and economical service as statutory water undertakers by the Chapel-en-le-Frith Rural District Council, It is interesting to recall that in 1894 the Authority acquired from its predecessors, the Rural Sanitary Authority and much later in 1934, the Hayfield Rural District Council, or themselves created, supplies for Chinley, Bamford, Hope, Wormhill, Greensides and Hayfield. Early in the present century were acquired the assets and liabilities of the Chapel-en-le-Frith Waterworks Company, the Town End Water Company, the Dove Holes Water Company, the Castleton Water Company and the Edale Water Scheme created essentially for the labour force engaged in railway construction by the Midland Railway Company. Note that "regrouping" 60 years ago merged one local authority and three private companies all operating as Undertakers in two small civil parishes, i.e. Chapel-en-le-Frith and Chinley.

Water Mains Completed during 1963

Warmbrook Chapel (New Council Estate)	4" Asbestos Main	280 yards
Hayfield (Fairy Bank Road)	4" C.I. Main	90 yards