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Congleton Rural District Council



REPORT

on the

**Health and Sanitary Circumstances
of the District**

for the year ended

31st December, 1970



CONGLETON RURAL DISTRICT COUNCIL

R E P O R T

on the

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of the District

for the year ended

31st December, 1970

Medical Officer of Health

L. RICH, M.B., CH.B., M.R.C.O.G., D.P.H.

2/4, Moody Street, Congleton (Congleton 3655/6) (STD CODE 02602)

Chief Public Health Inspector


P. KIRKHAM, M.A.P.H.I.

Public Health Inspector

J.M. RIGBY

Engineer and Surveyor

R.O. EIRTWISTLE, M.I.MUN.E., A.R.I.C.S.



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To the Chairman and Members
of the Congleton Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present to you the Annual Report for the year 1970.

The population has once again increased, this time by approximately 270 persons, and now stands at 18,300. There has been an increase in the number of births in a higher ratio to that of the increase in the number of deaths implying that the population moving into our area is of the younger age group.

The incidence of infectious disease continues to be relatively low with the exception of measles. It is hoped that this disease will also steadily disappear with the increased use being made of the vaccine which has been found to be very effective in preventing the spread of this disease. The number of cases of dysentery notified at fourteen is higher than appears in our neighbouring Districts and this may be accounted for by two reasons, namely that we have a large hospital for mental retardation in the area, and it is in institutions of such a nature that frequently cases occur, and also we have a very active Practice in Holmes Chapel who take a good deal of trouble in diagnosing cases of diarrhoea and vomiting. There is no doubt that a good deal of dysentery and food poisoning occurs in the Country at large which is not properly diagnosed and certainly never notified. I should like to remind the Council that both dysentery and food poisoning are notifiable diseases.

I would also like to draw attention to the great deal of work being carried out by our Public Health Department. In addition to the general Public Health duties Mr. Kirkham manages very effectively the Refuse Collection service and supervises it's proper disposal. This has been one of the most successful departments that the Council has operated over the past twenty years since it took on the responsibility for refuse collection and disposal as opposed to having contractors to do the job. I well remember when the discussion took place at the Public Health Committee and how our present Chairman, Alderman Hollinshead had to contend with tremendous opposition before the Council would accept a comprehensive scheme. I think that now it can be said with a great deal of truth that we have a first class scheme for refuse collection and disposal in the Rural District and this is being improved upon all the time as modern methods of collection and disposal are being developed.

In addition, our Public Health Inspectors carry out frequent and detailed supervision and control of all premises connected with food and as the Chief Inspector has pointed out we have at Holmes Chapel a very large organisation which imports food from overseas and which subsequently is distributed all over the country. It is, therefore, necessary and essential that close inspection and supervision of this establishment is maintained.

I would also like to point out the valuable and important work which the Chief Health Inspector carries out in the field of Housing Management. The Tenants Selection Committee pays particular attention to this important work and attaches to it the attention it deserves. It can be said without any fear of contradiction that Congleton R.D.C. has evolved a system of housing allocation fairly and equitably and every attention is paid to individual needs and special cases. A great deal of social work is done by Mr. Kirkham and, particularly in medical cases when I join him, we make sure that everyone's needs are properly assessed and fairly dealt with. This can only be made possible with the backing and support of an active Committee and we as Officers are grateful indeed for having this.

I would like to take this opportunity of thanking both our Chief Public Health Inspector, Mr. Kirkham, and his assistant, Mr. Malcolm Rigby, together with the staff of the Health Department whom I have found always most co-operative and helpful in anything I ask them to do. I would also like to thank Mr. Birtwistle for his contribution to this Report and finally Mr. Arthur Molyneux, the Clerk of the Council, to whom I always turn for help and guidance in the interpretation of my duties in relation to the Council's wishes.

I beg to remain

Your obedient Servant,

L. RICH
Medical Officer of Health.

The figures in parentheses throughout this report are for 1969.

STATISTICS AND SOCIAL CONDITIONS

Extracts from Vital Statistics

Estimated Population 18,300 (18,030)

Births:

	<u>Total</u>		<u>Male</u>		<u>Female</u>	
Live Births						
Legitimate	292	(266)	153	(152)	139	(114)
Illegitimate	11	(16)	9	(7)	2	(9)
Still Births						
Legitimate	2	(4)	-	(1)	2	(3)
Illegitimate	-	(-)	-	(-)	-	(-)

Live birth rate per 1000 estimated average population mid-1970	18.9	(17.8)
Live birth rate for England and Wales per 1000 of population	16.0	(16.3)
Still birth rate per 1000 total (live and still) births	7.0	(14.0)
Still birth rate for England and Wales per 1000 total (live and still) births	13.0	(13.0)
Still birth rate per 1000 total population	0.1	(0.2)

INFANTILE MORTALITY

The total number of deaths is shown as follows:-

	<u>Total</u>		<u>Male</u>		<u>Female</u>	
Legitimate	4	(4)	3	(3)	1	(1)
Illegitimate	-	(1)	-	(-)	-	(1)

Infantile mortality rate per 1000 live births	13	(18)
Infantile mortality rate for England and Wales	18	(18)
Legitimate infants per 1000 legitimate live births	14	(15)
Illegitimate infants per 1000 illegitimate live births	-	(63)

DEATHS

	<u>Total</u>		<u>Male</u>		<u>Female</u>	
Deaths (all ages)	259	(247)	112	(118)	147	(129)

Death rate per 1000 estimated average population	10.8	(11.0)
Death rate for England and Wales per 1000 population	11.7	(11.9)

The following table shows the deaths from all causes within the district during the year.

Cause	Total	Male	Female
Cholera	-	-	-
Typhoid	-	-	-
Bacillary Dysentery and amoebiasis	1	-	1
Enteritis and other diarrhoeal diseases	-	-	-
Tuberculosis of respiratory system	-	-	-
Other tuberculosis, including late effects	-	-	-
Plague	-	-	-
Diphtheria	-	-	-
Whooping Cough	-	-	-
Streptococcal sore throat and scarlet fever	-	-	-
Meningococcal infection	-	-	-
Acute poliomyelitis	-	-	-
Smallpox	-	-	-
Measles	-	-	-
Typhus and other rickettsioses	-	-	-
Malaria	-	-	-
Syphilis and its sequelae	-	-	-
All other infective and parasitic diseases	1	-	1
Malignant neoplasms	23	11	12
" " of Buccal cavity and pharynx	1	1	-
" " " Oesophagus	4	1	3
" " " Intestine	8	1	7
" " " Larynx	-	-	-
" " " Prostate	1	1	-
Leukaemia	-	-	-
Benign neoplasms and neoplasms of unspecified nature	-	-	-
Diabetes mellitus	2	-	2
Avitaminoses and other nutritional deficiency	1	1	-
Annomias	-	-	-
Meningitis	-	-	-
Active rheumatic fever	-	-	-
Chronic rheumatic heart disease	2	1	1
Hypertensive disease	4	1	3
Ischaemic heart disease	39	24	15
Other forms of heart disease	15	5	10
Cerebrovascular disease	67	28	39
Influenza	4	1	3
Pneumonia	14	7	7
Bronchitis, emphysema and asthma	4	2	2
Peptic ulcer	2	1	1
Appendicitis	-	-	-
Intestinal obstruction and hernia	-	-	-
Cirrhosis of liver	-	-	-
Nephritis and nephrosis	-	-	-
Hyperplasia of prostate	1	1	-
Abortion	-	-	-
Other complications of pregnancy, childbirth and the puerperium	-	-	-
Congenital anomalies	2	2	-

Cause	Total	Male	Female
Birth injury, difficult labour and other anoxic and hypoxic conditions	1	1	-
Other causes of perinatal mortality	-	-	-
Symptoms and ill-defined conditions	30	6	24
All other diseases	22	12	10
Motor Vehicle accidents	3	1	2
All other accidents	6	2	4
Suicide and self-inflicted injuries	1	1	-
All other external causes	-	-	-
TOTAL	259	112	147

Deaths from Puerperal and Maternal Causes

Puerperal Sepsis	-	0	(0)
Other Maternal Causes	-	0	(0)

Maternity mortality rate per 1000 live and still births -

GENERAL PROVISIONS OF HEALTH SERVICES FOR THE AREA

Child Health Clinics

The County has finally agreed on the figure to be spent on the Health Centre at Holmes Chapel and will shortly be going out to tender. It is expected that this will be built and completed by the end of 1972.

It will be noted from the figures of attendances how very busy Holmes Chapel is, and indeed the same can be said for Goostrey to a lesser degree. The establishment of a full working Health Centre at Holmes Chapel will be a considerable achievement and a valuable addition to all the facilities that are being developed in this growing community.

Welfare Centre	ATTENDANCES							No. of Clinics Held	Cases Seen by Doctor	Average per Clinic Seen by Doctor	Average attendance per Clinic
	Born 1970		Born 1969		Born 1968		Total				
	1st	SUBS	1st	SUBS	1st	SUBS					
Goostrey	32	146	47	107	69	71	472	22	296	13.5	21.5
Holmes Chapel	142	639	201	540	191	231	1,944	51	521	10.2	38.1
Mow Cop	13	45	13	35	10	24	140	12	70	5.8	11.7
Rode Heath	22	164	29	211	26	93	545	22	157	7.1	24.8
Scholar Green	22	174	29	221	29	119	594	23	169	7.3	25.8

The names of the Health Visitors covering the Rural District are as follows:-

<u>Name</u>	<u>Address</u>	<u>Districts</u>
Harris I. (Mrs.)	Clinic Centre, Platt Avenue, Sandbach. Tel: Sandbach 2970	Church Hulme, Cranage Somerford, Somerford Booths Swettenham, Twemlow, Goostrey Church Lawton, Odd Rode, Smallwood.
Furness H. (Miss)	Clinic Centre, Sandbach Road South, Alsager. Tel: Alsager 3215	Betchton, Hassall
Dawson H.M. (Miss)	Clinic Centre, Hurdsfield House, Macclesfield. Tel: Macclesfield 23282	Hulme Walfield
Rae E.O. (Mrs.)	Ashfields Clinic, Platt Avenue, Sandbach. Tel: Sandbach 2970	Arclid, Brereton.
Hudson L. (Mrs.)	Ashfields Clinic, Platt Avenue, Sandbach. Tel: Sandbach 2970	Bradwall, Elton
Edwards J.B. (Miss)	The Clinic, Nursery Lane, Congleton. Tel: Congleton 2261	Moreton-cum-Alcumlow, Newbold Astbury

Home Nursing

The District Nurses serving our Area act in double capacity as Home Nurses and Midwives. They are as follows:-

M.W. YARNOLD, 5 Buck Bean Way, Goostrey.	Holmes Chapel 3244
L.B. BLUNSUM, 19 West Way, Holmes Chapel.	Holmes Chapel 2226
H. BARRY, 2 Drenfell Road, Scholar Green.	Kidsgrove 2929
I. HOYLE, 9 Offley Avenue, Sandbach.	Sandbach 2582
R. CLAY, 87 Platt Avenue, Sandbach.	Sandbach 2256
A.T. FEEHAN, 647, Crewe Road, Wheelock.	Sandbach 2281
C.M. HIBBERT, 11 Plant Lane, Elton (Midwife)	Sandbach 2556

We are constantly enlarging the items of nursing equipment available for assisting patients in their own homes.

Air Beds	Bed Cradles	Feeding Cups	Ripple Bed
Air Cushions	Bed Pans	Hoist	Rubber Sheets
Air Rings	Commodes	Handy Spring Pole	Urine Bottles
Back Rests	Crutches	Mackintosh Sheets	Special Bed
Beds	Eneuresis Blankets	Mattresses	Wheel Chairs

We are also finding that the Disposable Sheets are invaluable for dealing with cases of incontinence. It is also possible in suitable cases to provide a "Special Laundry" service.

Births 1970

Hospital		Home		Private Nursing Home	
Live	Still	Live	Still	Live	Still
274 (230)	1 (3)	14 (20)	- (-)	- (-)	- (-)

Chiropody

The use of this service has grown enormously and the demand was so great that it has been found necessary to reduce the number of treatments after the first six monthly treatments to one treatment every two months. However, in exceptional cases where it is necessary to give the treatment more frequently, it is possible to do this under the scheme.

The scales for Chiropody are as follows:-

Free Treatments - Those in receipt of Social Security Benefit or whose income does not exceed £6.70 per week in the case of single persons or £10.25 per week in the case of married couples.

Half cost paid by Cheshire County Council - When income between £6.71 and £8.20 per week in the case of single persons. When income is between £10.26 and £12.25 per week in the case of married couples.

This scale may be varied from time to time.

Meals on Wheels

The Rural District is fairly extensively covered by a Meals on Wheels service and I should like to pay tribute to the work done by the members of the W.R.V.S. who carry out this service.

7,799 meals were served during the year in the Rural area.

In order to compare these meals being served I have got out the figures of meals for previous years.

1966	10,805
1967	9,699
1968	8,446
1969	8,213

As can be seen there is a considerable reduction, but this can probably be explained by the fact that during this period the Welfare Department, now the Social Services Department, have developed an admirable scheme of Day Care and many of the recipients who would normally have meals delivered to their homes are now taken to County Homes, daily or on several occasions during the week and thus are more adequately catered for. It should be borne in mind that a reduction of one person in the list would be approximately 100 meals less in a year.

VACCINATION AND IMMUNISATION

Completed Primary Courses - Persons under Age 16 South East Cheshire

Type of Vaccine	Year of Birth					Others Under 16	Total at Clinics	By G.P.'s
	1970	1969	1968	1967	1966			
Quadruple	-	-	-	-	-	-	-	-
Triple (D./WC./T.)	18	630	290	18	11	3	261	709
Diph./Whooping C.	-	-	-	-	-	-	-	-
Diph./Tetanus	-	-	-	-	2	-	-	2
Diphtheria	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	3	-	3
Polio-Salk	-	-	-	-	-	-	-	-
Polio-Sabin	18	614	289	20	22	20	282	701
Measles	1	243	498	161	143	49	294	801
German Measles	-	-	-	-	-	547	496	51

Reinforcing Doses - Persons under Age 16

South East Cheshire.

Type of Vaccine.	Year of Birth.					Other Under 16	Total at Clinic	By G.P's
	1970	1969	1968	1967	1963-66			
Quadruple	-	-	-	-	-	-	-	-
Triple(D./WC./T)	-	3	50	18	216	8	34	261
Diph/Whooping C.	-	-	-	-	-	-	-	-
Diph/Tetanus	-	-	5	1	617	51	245	429
Diphtheria	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	63	131	4	190
Polio-Salk	-	-	-	-	-	-	-	-
Polio-Sabin	-	4	53	23	878	60	284	734

SMALLPOX VACCINATION - PERSONS UNDER AGE 16.

SOUTH EAST CHESHIRE.

	Year of Birth.				Others Under 16	Total.	At Clinics	By G.P's
	1970	1969	1968	1967-56				
Vaccination	-	288	558	94	6	946	235	711
Re-vaccinated	-	1	2	96	51	150	9	141

Public Health Laboratory Service.

A new Laboratory has opened at Chester which we find more convenient than going to Manchester.

Domestic Help Service.

Home Helps employed during 1970 -

Full Time	-	(-)
Part Time	56	(69)
	<u>56</u>	<u>(69)</u>

Home Helps employed at 31st December 1970.

Full Time	-	(-)
Part Time	37	(44)
	<u>37</u>	<u>(44)</u>

Applications received during 1970.

Aged and Infirm	15	(22)
Chronic Sick	2	(4)
Mentally disordered	-	(-)
Maternity	11	(17)
Others	6	(12)
	<u>34</u>	<u>(55)</u>

Cases attended during 1970.

Aged and Infirm	74	(72)
Chronic Sick	18	(21)
Mentally Disordered	-	(-)
Maternity	10	(17)
Others	7	(10)
	<u>109</u>	<u>(120)</u>

Cases receiving attention at 31st December 1970.

Aged and Infirm	65	(52)
Chronic Sick	11	(14)
Mentally Disordered	-	(-)
Maternity	3	(1)
Others	-	(-)
	<u>79</u>	<u>(67)</u>

Water Supply.

Congleton Rural District is supplied with River Dee water from the Hurleston Treatment Works supplemented by local underground water from the Mow Cop borehole.

River Dee water is moderately hard, Mow Cop water fairly hard. Regular bacteriological samples are taken in all districts and the water has been generally satisfactory both in quantity and quality.

Extension of mains have been carried out in all districts to serve new housing development and in some cases to improve existing supplies.

PREVALENCE OF AND CONTROL OVER INFECTIOUS DISEASE.

Tuberculosis.

Four cases were notified and the number of people on register at 31st December 1970 is shown below:

Cases on Register at 31st December 1970.

	Up to 1 yr.	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65 & Over	Total
Male Pulmonary	-	-	-	1	4	3	4	4	3	19
Female Pulmonary	-	-	1	4	2	6	3	2	-	18
Male Non-Pulmonary	-	-	-	2	2	4	1	2	1	12
Female Non-Pulmonary	-	-	-	2	5	3	2	1	3	16

For the purpose of comparison I have recorded the notifications of Tuberculosis during 1970 in conjunction with the notifications of the disease received each year since 1961.

Notifications - 1961 to 1970.

	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970.
	P NP	P NP	P NP	P NP	P NP	P NP	P NP	P NP	P NP	P NP.
<u>MALE</u>										
Up to 1 year										
1 - 5										
5 - 15										
15- 25				1						
25- 35	1			1						2
35 - 45										
45 - 55				1						3
55 - 65							1	1		
65 & Over										
<u>FEMALE</u>										
Up to 1 year										
1 - 5										1
5 - 15		1		1			1			
15 - 25			1							
25 - 35				1						
35 - 45	1					1	1		1	
45 - 55	1						1			1
55 - 65										
65 & Over			1							
TOTALS :	2	2	- 1 1 -	3	1	- - -	1 3 1	- 1	1	- 7 -

DEATHS - 1961 to 1970.

	1961		1962		1963		1964		1965		1966		1967		1968		1969		1970	
	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP	P	NP
<u>MALE</u>																				
Up to 1 year																				
1- 5																				
5 - 15																				
15 - 25																				
25 - 35																				
35 - 45																				
45 - 55																				
55 - 65													1							
65 & over.																				
<u>FEMALE</u>																				
Up to 1 year																				
1 - 5																				
5 - 15																				
15 - 25																				
25 - 35																				
35 - 45											1						1			
45 - 55																				
55 - 65													1							
65 & Over																	1			
TOTALS :	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	2	-	-	-

NOTIFIABLE DISEASES.

(Other than Tuberculosis) during the Year 1970 .

	Age Distribution.									Total.Cases Admitted to Hospital.	
	Under 1	1-	2-	3-	4-	5-9	10-14	15-24	25+		
Whooping Cough	-	-	-	-	-	1	-	-	-	1	-
Dysentery	-	1	-	-	-	2	3	2	6	14	3
Food Poisoning	-	-	-	1	-	-	-	-	1	2	3
Infective Hepatitis	-	-	-	-	-	-	-	-	2	2	1
Measles	3	12	9	9	12	37	4	-	-	86	-
Scarlet Fever	-	-	-	-	-	2	-	1	-	3	-

HOUSING

CHURCH HULME

Approval of the Council's Scheme for the erection of twelve bungalows at Sadlers Close was given by the Ministry towards the end of 1969.

Work on the roads and sewers commenced on the 26th May, 1970 and on the bungalows on 15th June, 1970.

Although the County Surveyor did not impose a requirement that street lighting should be provided the Council agreed to this.

It is the intention to install a speech system of intercommunication with a Warden and as there are no chimneys, the bungalows being "all electric", a communal aerial system is to be provided.

House Painting Programme 1970

It was agreed that the painting programme for 1970 should include:-

208 Houses
52 Bungalows
4 Flats
72 Garages (On 30 sites).

Tenders were received and resulted in the total tendered cost being £7620.0.0.

Costs varied from £23.15s.0d to £48.0s.0d per house.
and " £13.10s.0d to £36.5s.0d.per bungalow

One of the Contractors subsequently withdrew part of his tender and the work was re-allocated resulting in a revised cost of £7901.0.0.

ODD RODE
Rode Heath

Tenders for the erection of 16 houses and 12 bungalows and 10 garages were invited from a Selected List of Contractors.

It was not until September that Loan Sanction was received - there had been difficulty regarding "yard stick" approval.

NIGHT STORAGE HEATERS

After the installation of Night Storage Heaters in the 52 all electric elderly persons bungalows the interest was aroused of occupants of coal fire-heated bungalows.

A survey was undertaken and of the 147 remaining, 79 were interested in the proposal.

The scheme included the provision of two Night Storage Heaters, generally located in the Hall and Living Room, immersion heaters and the insulation of ceilings where not already provided were included in the scheme.

MODERNISATION OF COUNCIL HOUSES

A scheme for the provision of a new drainage installation at Kermincham with modern treatment plant was approved as part of the Council's scheme for the modernisation of their older houses.

It was decided to form a small gang to undertake the improvement of the eight houses at Kermincham by direct labour.

SEWERAGE

Capital Works

In December, 1968, the Council considered a Report of the Engineer and Surveyor, which reviewed the whole of the sewerage arrangements for the Rural District. After consultations with the Medical Officer and the River Authority, as to the degree of urgency in each Parish, the following Programme was agreed:-

	<u>Estimated Cost</u>	<u>Year of Commencement</u>
1st Phase - Hassall Green	£25,000	1970
Ackers Crossing, Moreton	£4,500	1970
Goostrey	£60,000	1970
Brereton Green	£20,000	1970
2nd Phase - Odd Rode (Part 1)	£105,000	1971
Tetton (Mill Lane)	£16,000	1971
Lawton Heath End	£8,000	1971
3rd Phase - Astbury	£72,000	1972
Malkins Bank	£2,000	1972
Blackfirs, Somerford	£45,000	1972
Further Works -		
Twemlow Green	£5,000	
Brereton Heath	£117,000	
Elton & Tetton (Moston)	£35,000	
Cranage	£40,000	
Arclid	£20,000	
Swettenham	£10,000	
Church Lawton (Station)	£1,800	
Odd Rode (Part 2)	£135,000	

In 1969 it was decided that priority should be given to the Goostrey and Brereton Green Schemes in 1970, and to the Odd Rode (Part 1) Scheme in 1971.

Considerable difficulty was experienced in recruiting suitable staff to man the Capital Works Section of the Engineer and Surveyor's Department, (it having been decided to undertake the preparation of these schemes by the creation of such a section), and it was not until September, 1970 that a Capital Works Assistant Engineer took up office.

By November, 1970, it had been possible to consider in greater detail the problems confronting the Council particularly in the Northern Parishes, and the conclusion reached was that wherever physically possible and providing the economics were sound, small isolated works ought to be abandoned.

Accordingly the present arrangements for the whole of the northern area were reviewed and the report of November, 1970, recommended that the Treatment Works at Holmes Chapel should be enlarged to deal with the sewage from the Parishes of Brereton, Cranage, Goostrey and Twemlow.

At an interview with a Ministry of Housing and Local Government, (late Department of The Environment) Inspector, he expressed his complete agreement with the proposals to discharge the sewage to one central treatment plant and recommended that the proposals should be submitted in outline to the Ministry as soon as possible.

Having regard for the variable type of ground met in the Rural District, which can be clay, dry sand, running sand, peat and of course rock in the south, it was deemed advisable to test the subsoil by sinking boreholes where considered desirable along the lines of the proposed sewers and rising mains.

It is considered that Contractors armed with this information prior to tendering will submit more realistic prices for excavation works.

With the decision to design a comprehensive scheme for the northern area, the need for rapid progress with survey work became apparent, if the programme is to be completed to time. The Council decided to engage an outside firm of surveyors to undertake the survey work on the sewers.

Comments on Parochial Matters

Betchton Malkins Bank

One of the problems at Malkins Bank apart from the old treatment works, which are of too small capacity, has been the fact that road surface water gulleys discharge to the foul sewer.

The County Council as Highway Authority commenced a scheme for the laying of a new surface water sewer in the main road. When the gulleys have been disconnected it ought to be possible to maintain a better discharge to the watercourse, but the scheme for discharging the sewage to the Sandbach Urban District Council's works should be implemented as soon as possible.

Hassall Green

Drawings of proposals for the laying of sewers and construction of new treatment works were submitted and approved.

Brereton

Brereton Green Sewage Disposal Works

A satisfactory report on the effluent produced by these works was received from the River Authority in May.

Development commenced on a housing site in the Village. The Contractors agreed to make a contribution towards the cost of improvements necessary at the works.

Church Hulme

Holmes Chapel

The Council accepted the pumping station constructed by Seddons Ltd. on their Middlewich Road Housing Scheme.

The new works commissioned in 1969 "settled down" to produce a very good effluent after initial problems resulting from the trade wastes contained in the raw sewage.

Church Lawton

Snapes Aqueduct Sewage Treatment Works

It was decided to plant a tree screen on the westerly side of these works. Land was bought for the purpose and planting was undertaken by the Council's staff.

The works produced satisfactory results.

Goostrey

The River Authority expressed alarm at the increasing flow of sewage to the treatment works. Nevertheless a satisfactory report was received in February and again in May on the effluent as discharged to Bradshaw Brook.

Moston

A planning permission was given for a considerable extension to the Sykes Pump Works at Tetton in the Parish of Moston.

The possibility of discharging sewage from this works to the sewers of the Sandbach Urban District Council was explored, but it was not acceptable to that Authority because of the overloaded condition of their treatment works.

The Company decided to construct their own plant as a temporary measure and they agreed to the Council conveying to this plant, sewage from the Mill Lane development where a pollution nuisance exists.

Odd Rode

The works continue to produce satisfactory results when given adequate attention, although they are seriously overloaded.

The pump at the treatment works installed in 1935 finally failed and it was agreed to provide a Sykes pump. Although fairly expensive the pump is supplied by a firm having a local depot. Future repairs, therefore, should be more easily arranged when these become necessary.

Somerford

Blackfirs Drainage

Work on the scheme commenced at the beginning of August, and by December it was nearly completed, 280 yds. of 9" and 660 yds. of 6" dia. sewer having been laid.

The sewage is to be discharged by meter to the Congleton Borough Council's sewers. The reason for requiring metering apparently results from the need to ensure that all surface water is excluded.

Maintenance of Machinery

The Council agreed a scheme for systematic inspection by the Electricity Board of the electrical plant in 15 pumping stations, and at the Holmes Chapel sewage treatment works.

It was also decided to enter into maintenance agreements with the manufacturer of some of the mechanical equipment at the Holmes Chapel sewage treatment works.

Staff

The appointment of a Drainage Inspector was made. His duties are to check and test all drain connections, private drains and sewers laid on private building sites.

When the Plant Maintenance Fitter left the employ of the Council, it was decided on the Sewage Works Manager's recommendation not to replace him.

The Sewage Works Manager left the employ of the Council on the 31st December, 1970.

Rodding of Private Drains

The principle was agreed that on request the Council's staff could remove stoppages from private drains at standard charges as follows:-

- | | | |
|-----|--|---------|
| (a) | During normal working hours
plus 50p per extra half hour over $1\frac{1}{2}$ hrs. | - £2.50 |
| (b) | During normal overtime
plus 75p per extra half hour over $1\frac{1}{2}$ hrs. | - £3.25 |
| (c) | On call out after working hours
plus 75p per extra half hour up to 3 hrs.
then £1 per half hour. | - £4. |
| (d) | On Sundays
plus £1 per extra half hour over $1\frac{1}{2}$ hrs. | - £5. |

PUBLIC CLEANSING.

CLEANSING.

The previous complement of vehicles and staff has been maintained and is as follows:

- | | |
|----------|--|
| Labour | - Twelve men on refuse collection
One spare driver
Two men on cesspools and nightsoil
One Foreman

Total Sixteen |
| Vehicles | - One Bedford Crushload (50 cu.yd).
Three Norba/Karrier (15/45 cu.yd).
One Karrier Side Loader (12 cu.yd).
(Used as spare vehicle)
One Bedford Eagle Cesspool Emptier. |

At the time of preparation of this report, Work Study is well advanced towards establishing a bonus scheme in accordance with the nationally agreed productivity schemes.

Staff has again remained constant and no recruiting difficulties have occurred.

Approximately 800 properties are now on the plastic bin liner scheme which is adopted on all new development sites.

The free collection service for bulky items of house refuse is in heavy demand and there were approximately 260 special calls made during this year. The spare side loader is used for this work and when this vehicle goes out of service, it is hoped that one of the mechanical compression type of vehicles can be adapted to feed bulky refuse.

The Council have agreed that the southern part of the area, approximately one half of the total, should dispose of its refuse at the Alsager Pulverisation Plant. This system is due to operate from the 1st October 1971. The remainder of the refuse will continue to be tipped at the Council's Depot at Arclid, where control is at present effected by a Fordson tractor of considerable age fitted with Rotapeds. It is expected that this vehicle will require replacement by a properly tracked vehicle.

The following tables indicate the present position of the weekly collection :

(1) Driver and Two Loaders.

District	Two Loaders Target	Units Collected 1.1.70	Bonus 1.1.70	Units Collected 31.12.70.	Bonus 31.12.70.
1	1,014	1,435	421	1,537	523
2	1,014	1,580	566	1,655	641
3	966	1,290	324	1,386	420
4	1,014	1,501	487	1,509	495
	4,008	5,806	1,798	6,087	2,079

(2) Driver and One Loader.

District	Two Loaders Target	Units Collected 1.1.70.	Bonus 1.1.70	Units Collected 31.12.70.	Bonus 31.12.70.
1	666	1,435	769	1,537	871
2	666	1,580	914	1,655	989
3	641	1,290	649	1,386	745
4	666	1,501	835	1,509	843
	2,639	5,806	3,167	6,087	3,448

SALVAGE

(Figures for 1969 shown in parenthesis).

<u>Receipts</u>	<u>Weights.</u>						<u>Revenue.</u>	
	t.	c.	q.	(t.	c.	q).	£.	p.
Container Waste	6	8	2	(9	19	0)	64	00
								(77.11).
Expenditure plus labour							£170.20p.	(£132.16p).

NIGHTSOIL AND SEPTIC TANK SERVICE.

Domestic	-	352 loads removed from	314 installations.
Non Domestic	-	201 loads removed from	86 installations.
Council Houses)	-	129 loads removed from	93 installations.
Council Sewage Works)	-	32 loads removed from	32 installations.
Outside the Area	-	714 loads removed from	525 installations.
TOTALS	-	(864)	(605)

VEHICLE STATISTICS.

Appended below are the details concerning the use of fuel and oil during 1970. The figures for 1969 are shown in parenthesis.

Reg.No.

PMB 603	Karrier Gamecock	Refuse Collection	4629	666	37	6.9
743 NFM	Karrier Gamecock	Refuse Collection	6604	1269	59	5.2
367 LG	Bedford Eagle Cesspool Emptyer	Septic Tanks and Nightsoil	6452	1099*	110	5.8
HDB 283D	Bedford Eagle Crashload	Refuse Collection	6753	1013*	34	6.5
BLG 887F	Karrier Norba	Refuse Collection	5788	967*	180	5.9
MMA 193H	Karrier Norba	Refuse Collection	6288	953*	54	6.4
			36514	5967	474	6.2
			(39351	6467	653	5.3)
894 STU	Fordson Tractor	Refuse Tips, Sewage Works, Etc.				

* Denotes Diesel.

SLAUGHTERHOUSES AND MEAT INSPECTION.

The one slaughterhouse has continued to operate slaughtering solely for use at the shop premises. The following are details of the work:

<u>Carcases Inspected and Condemned.</u>	<u>Cattle excluding cows.</u>	<u>Cows.</u>	<u>Sheep and Lambs.</u>	<u>Calves.</u>	<u>Pigs.</u>
Number Killed	15	1	7	1	-
Number Not Inspected.	-	-	-	-	-
<u>All diseases except Tuberculosis and Cysticerci.</u>					
Whole carcasses condemned	-	-	-	-	-
Carcases of which some part or organ was condemned	12	-	-	-	-
Percentage of the number inspected affected with disease other than Tuberculosis & Cysticerci	7.50	-	-	-	-
<u>Tuberculosis Only.</u>					
Whole carcasses condemned	-	-	-	-	-
Carcases of which some part or organ was condemned.	-	-	-	-	-
Cysticercosis	5	1	-	-	-

SLAUGHTER OF ANIMALS ACT 1958

Three licences were issued to people residing in the area.

MILK SUPPLIES - BRUCELLA ABORTUS.

The following table indicates results of samples taken by the Cheshire County Council during the year:

	<u>Total Submitted.</u>	<u>Number Brucella positive.</u>
Bulk samples	49	-
Dealer Samples (Herd Samples)	162	5
Individual Cow Samples	120	2
TOTALS :	<u>331</u>	<u>7</u>

At the end of 1970 there were 17 dairy herds in the District from which milk was sold raw to the public.

The following types of food premises are located in this area:

Grocers and General	35
Public Houses	23
Public Houses and Licensed Clubs with Restaurants	13
Cafes	13
Sweets and Confectionery	19
Off Licence	4
Bakehouses	2
Village and Church Halls	11
Village Halls used as School Canteens	1
School Canteens	11
School Kitchens	9
Butchers	8
Fish and Chips	2
Factory Canteens	8
Chemists	3
Food Warehouse	1
Dairy	1
	<hr/>
	164
	<hr/>

FOOD AND FOOD PREMISES.

A large wholesale warehouse is situated in this area and with the introduction of bulk containers for imported food from abroad, a heavy increase in food inspection requirements has occurred. It is not uncommon to be faced with a decision concerning the condemning of food which involve sums of many thousands of pounds. The advice of a public analyst, the public health laboratory and the Medical Officer of Health is normally sought in such cases.

The following complaints of foreign bodies, etc, in food were investigated but in no case was it thought advisable to institute legal proceedings;

1. Part of wasp in can of pears.
2. Single larva in 'boil in bag' rice.
3. Elastic band in crust of loaf.
4. Mould in cornish pastie.
5. Mould in meat pie.

One hundred and seventy-five visits have been made to food premises. The following matters have been the subject of letters sent regarding unsatisfactory conditions:

Article 8	Food to be protected against risk of contamination.	2
Article 9	Personal Cleanliness.	2
Article 14	Cleanliness of sanitary conveniences and room and affixing of hand washing notices.	2
Article 15	Water supply to be provided.	-
Article 16	Provision of wash-hand basin, nailbrush, soap etc.	-
Article 17	Maintenance of first aid materials.	1
Article 18	Provision of accommodation for clothing.	-
Article 19	Facilities for washing food and equipment.	1
Article 23	Cleanliness of food room etc.	2
Article 24	Accumulation of refuse etc.	2
TOTAL:		<hr/> 12 <hr/>

NUISANCES.

The industrial tip taken over by the Council following nuisance proceedings in the High Court has now been agreed by the Council for reclamation as a golf course. The scheme is being prepared by the Cheshire County Council under the advice, insofar as the toxic materials on the tip are concerned of the Atomic Energy Commission at Harwell. The Council have also taken over an adjoining domestic refuse tip owned by the Sandbach U.D.C. which is to be reclaimed and added to the industrial tip site. Negotiations are proceeding for the acquisition of additional land as required and the total cost of the work as provisionally agreed is likely to be in the region of a quarter of a million pounds. 75% Exchequer grant will be available and of the remaining 25%, the Cheshire County Council have agreed to pay one half.

Statutory Notices have been served during the year requiring the abatement of nuisance as follows:

Section 39	-	Defective Drainage (Works carried out in default by Local Authority).	2
Section 75	-	Provision of dustbin.	4
Section 259	-	Obstructed Ditch.	1

FACTORIES AND WORKPLACES.

The following details are given of the work carried out during the year under review:

	<u>No. on Register.</u>	<u>Inspections.</u>	<u>No. of Written Notices.</u>	<u>Occupiers Prosecuted.</u>
(1) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	NIL	-	-	-
(2) Factories not included in (1) in which Section 7 is enforced by Local Authority.	62	12	-	-
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding outworkers' premises).	1	3	1	-
TOTALS :	63	15	1	-

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Practically the whole of the registered premises have received a routine visit during the twelve months and the following table gives details: (see over.....)

REGISTRATION AND GENERAL INSPECTIONS.

<u>Class of Premises.</u>	<u>Number of premises registered during the year.</u>	<u>Number of registered premises at end of year.</u>	<u>Number of registered premises receiving general inspection during the year.</u>
Offices	2	15	15
Retail Shops	1	21	21
Wholesale Shops)	-	-	-
Warehouses)	-	-	-
Catering Establish-ments open to the)	2	17	17
Public, Canteens)	-	-	-
Fuel Storage Depots	-	-	1
TOTALS :	<u>5</u>	<u>54</u>	<u>54</u>

Total number of visits of all kinds by Inspectors to Registered Premises under the Act 90

ANALYSIS OF CONTRAVENTIONS.

		<u>Number of Contraventions Found.</u>
Section 4	Cleanliness	1
Section 5	Overcrowding	-
Section 6	Temperature	2
Section 7	Ventilation	-
Section 8	Lighting	-
Section 9	Sanitary Conveniences	2
Section 10	Washing Facilities	2
Section 11	Supply of Drinking Water	1
Section 12	Clothing Accommodation	1
Section 13	Sitting Facilities	-
Section 14	Seats (Sedentary Workers)	-
Section 15	Eating Facilities	-
Section 16	Floors, Passages and Stairs	1
Section 17	Fencing exposed parts of machinery	-
Section 18	Protection of young persons from dangerous machinery	-
Section 19	Training of young persons working at dangerous machinery	-
Section 23	Prohibition of heavy work	-
Section 24	First Aid - General Provisions	3
	Other Matters	1
TOTALS	...	<u>14</u>

PUBLIC HEALTH INSPECTIONS.

Animal Boarding Establishment - Act 1963	...	11
Animals - Keeping of	...	4
Caravans	...	17
Conversions	...	20
Clean Air Act	...	-
Drainage - Including Septic Tanks	...	90
Dustbins	...	2
Factory with Mechanical Power	...	13
without Mechanical Power	...	-
Outworkers	...	-
Food Premises - General	...	29
- Bakehouses	...	-
- Butchers	...	4
- Cafe and Canteens	...	25
- Dairy etc.	...	8
- Fish and Chips	...	1
- Ice Cream	...	5
- Hotels and Public Houses	...	14
- Slaughterhouses	...	16
- Unsound Food	...	64
- Vehicles	...	7
Famrs - Sanitary Conveniences for Outworkers	...	-
Housing - General	...	84
- Overcrowding	...	-
- Council House Applications	...	174
- Housing Act 1969 - Grants	...	328
- Housing Management	...	187
Infectious Disease - General	...	7
- Food Poisoning	...	-
Insect Pests	...	20
Insect Pests - Disinfestation	...	-
Miscellaneous - Interview Meetings etc.	...	50
Nuisance - General and Housing	...	101
Offices, Shops and Railway Premises Act 1964	...	40
Petroleum	...	56
Rodent Control	...	27
Scavenging - General	...	74
- Tips	...	136
- Teams at Work	...	5
- Garages	...	275
Water Supply	...	65
		<hr/>
	TOTAL	1,959

CONVERSIONS.

Conversion of closets at Rode Heath where the new sewer has been provided have continued and full grants were paid under Section 47 of the Public Health Act 1936. Additionally, many properties have had Improvement Grant work carried out and, in addition to provision of a water closet, have provided standard amenities.

CARAVAN SITES AND CONTROL OF DEVELOPMENT ACT 1960.

At the end of 1970 there were sixty-seven residential caravans occupied and during the year, one hundred and six recreational caravans. These vans were sited as follows:

<u>Residential</u>	-	17 individual sites. 1 site for 50 caravans.
Recreational	-	3 sites for total of 106 caravans.

RODENT CONTROL.

The following details are given of the work carried out:

	<u>Number Treated.</u>	<u>No. of Visits.</u>
Private Houses	171	320
Refuse Tips and Sewage Works	36	374
Industrial and Trade Premises	26	252
Farms	70	780
TOTALS :	<u>303</u>	<u>1,726</u>

No Warfarin resistance has yet been noted. In connection with the permanent baiting system which is adopted on many contracts, a form of wooden baiting box has been constructed by the Engineers and Surveyors Department on a design given by the Ministry.

Sewers were again found to be negative on test baiting.

WATER SUPPLY.

There are 39 houses and farms in this district who receive an individual private water supply.

In connection with the new water mains supply at Moreton, only two outlying farms and two houses are yet to be connected. Statutory Notices have been served in respect of the houses and connection will be enforced in due course.

The following table indicates the number of houses and population on mains water in each Parish. None of these premises receive water from a standpipe but all have a supply direct to the houses from a public water main with the exceptions indicated above.

<u>Parish.</u>	<u>Number of Houses.</u>	<u>Population.</u>
Arclid	51	484
Betchton	330	951
Brereton	289	907
Bradwall	61	172
Church Lawton	820	2,220
Cranage	256	1,435
Hassall	79	241
Goostrey	628	1,888
Great Moreton	67	219
Holmes Chapel	1,152	3,402
Hulme Walfield	44	131
Moston	146	402
Newbold Astbury	198	579
Odd Rode	1,150	4,271
Smallwood	180	502
Somerford	105	314
Somerford Booths	65	301
Swettenham	96	292
Twemlow	57	183
TOTALS:	6,174	18,894

During the year, 36 samples of water were taken for bacteriological examination of which 10 proved to be unsatisfactory.

PETROLEUM CONSOLIDATION ACT 1928.

Fifty-one premises are licensed for the storage of petrol and are visited annually by the Fire Officer and the Health Inspector alternatively.

ANIMAL BOARDING ESTABLISHMENTS.

There are four such establishments in the area.

HOUSING.

The following action has been taken during the year with unfit houses:

Closing Orders	NIL
Undertakings Accepted	4
Demolition Orders	NIL
Houses Demolished	3
Closing Orders Determined	2
Undertakings Cancelled	1
Number of Families Re-housed	1
Number of Persons Re-housed	2
Families otherwise displaced	1
Persons otherwise displaced	2

At the end of 1970, fifty vacant houses were the subject of Closing Orders or Undertakings. Ten unfit houses were occupied as compared to seventeen at the end of 1969. Four additional properties were found to be unfit for the first time during 1970.

IMPROVEMENT GRANTS.

The following tables indicate the works carried out on grant schemes:

STANDARD.

	<u>Owner/Occupiers.</u>		<u>Tenanted.</u>	
	<u>Standard</u>		<u>Standard.</u>	
	<u>5 Point.</u>	<u>3 Point.</u>	<u>5 Point.</u>	<u>3 Point.</u>
1. Number of applications received.	15	-	4	-
Number of applications approved.	15	-	4	-
Number of applications refused.	-	-	-	-
2. Number of dwellings improved.	16	-	4	-
3. Amount paid in grants	£ 2,644. 28p.			
4. Average per house	£ 132. 21p.			
5. Number of amenities provided :				
(a) Fixed bath	10			
(b) Shower	-			
(c) Wash Hand Basin	11			
(d) Hot Water Supply (to any fitting)	10			
(e) Water Closet				
(i) within the dwelling	20			
(ii) accessible from dwelling	-			
(f) Food Store	3			

DISCRETIONARY.

	<u>Owner/Occupiers.</u>	<u>Tenanted.</u>
1. Number of applications received	31	11
2. Number of applications approved.	32	11
3. Number of applications refused.	-	-
4. Number of dwellings improved.	26	11
5. Amount paid in grants	£ 17,642.00p.	
6. Average grant per house	£ 472.00p.	

