
Deeping Fen
General Drainage Works

DEEPIING FEN GENERAL
WORKS OF DRAINAGE.

Abstract
of
Accounts

for the

Year ending 31st March, 1933.

Annual Meeting, 10th May, 1933.

Calthrop & Leopold Harvey,
Clerks.

The West Elloe Printing Co., Spalding.

TO THE PROPRIETORS OF LANDS

IN DEEPING ST. NICHOLAS.

TRUSTEES.

The Marquis of Exeter,	Mr. Samuel Freir,
Mr. Frank W. Dennis,	„ Lucas Atkinson,
„ T. A. Pick,	„ T. H. Richardson,
„ E. E. Welby-Everard,	„ R. Cooke, Jnr.
„ C. E. Andrew,	„ H. Searby.

SUPERINTENDENT.

Mr. Henry Bain, King's Road, Spalding.

ENGINEER.

Mr. H. Richardson, Engine House, Pode Hole, Spalding

RECEIVERS OF RENTS AND TAXES.

Messrs. Calthrop & Leopold Harvey, Spalding.
Messrs. Sharpe & Wade, Market Deeping.

TREASURERS.

Lloyds Bank Ltd., Spalding.

AUDITORS.

Messrs. Stephenson, Smart & Co

CLERKS.

Messrs. Calthrop & Leopold Harvey, Spalding.

Lords and Gentlemen,

We forward by order of the Trustees of the Deeping Fen Drainage Act, 1856, an Abstract of their Accounts as prepared for the ensuing Annual Meeting which will be held at the Corn Exchange, in Spalding, on Wednesday, 10th May next, at 12 o'clock noon.

We are,

Your very obedient Servants,

Calthrop & Leopold Harvey,

Clerks to the Trustees.

Spalding, April, 1933.

Abstract of the Accounts
DEEPING FEN GENERAL
For the Year Ending
IN RESPECT OF THE

of the Trustees of the
WORKS OF DRAINAGE
31st March, 1933
GENERAL WORKS.

Dr.	EXPENDITURE.	£ s. d.	£ s. d.
To Balance—1st April, 1932	...		4653 9 4
„ PODE HOLE ENGINES			
Labour	...	496 9 10	
Repairs	...	1 8 6	
Rates	...	2 18 0	
Oil and Fuel	...	461 10 1	
Carpenter	...	11 5 5	
Building Repairs	...	41 2 6	
Replacements	...	156 13 11	
Carriage	...	2 9 11	
Smithwork	...	3 8 1	
Cleaning Materials	...	4 19 9	
		1182 6 0	
„ COUNTER DRAIN			
Roding, Colching, etc.	...	93 17 1	
		93 17 1	
„ VERNATTS' DRAIN			
Sea Door Repairs and Replacements	...	89 4 9	
Repairs	...	1 11 0	
Roding	...	65 10 10	
Labour and Cotting	...	88 4 8	
Dredging	...	465 14 7	
Coal	...	44 0 0	
		754 5 10	
„ RIVER GLEN			
Repairs	...	5 13 7	
Labour and Roding	...	26 8 9	
Rents and Acknowledgments	...	1 2 6	
		33 4 10	
„ RIVER WELLAND			
Labour	...	56 1 2	
Repairs	...	27 3 10	
Roding	...	29 2 0	
		112 7 0	
„ GENERAL WORKS			
Lorry and Car Replacements	...	36 2 5	
Concrete Tubes and Replacements	...	60 9 4	
Faggots, Stakes, etc.,	...	43 16 4	
Boat Replacements and Repairs	...	4 6 11	
Licences	...	37 0 0	
Painting	...	16 0	
Water Supply	...	4 3 10	
Bricklayer, &c.	...	71 10 8	
Blacksmith and Carpenter	...	40 1 0	
Labour, Roding, Dredging and Cotting	...	997 6 11	
National Insurance	...	84 1 1	
Fuel and Oil	...	55 15 3	
Telephone	...	11 10 8	
Stationery	...	3 3 5	
Rates	...	1 18 6	
Miscellaneous Expenses	...	4 17 3	
Calthrop's Dyke (Re Charge)	...	6 10 3	
Dredger Replacements	...	22 17 1	
Carriage	...	1 7	
		1486 8 6	
Carried Forward			£8315 18 7

	INCOME	£ s. d.	£ s. d.	Cr.
By Arrears of Rates	...			31 1 3
„ Spalding R.D.C., refund of Rates	...			698 15 0
GENERAL WORKS RATE:				
Rates as levied by the Board as per Schedule 'A' Assessments				
DEEPING ST. NICHOLAS.				
Amount of 1 year's Rate due 11/10/32				
	charged on £35598/13/0 @ 1/6 in £		2669 18 0	
	do £5195/0/0 do (one third)		129 17 7	
	do £726/10/0 do (Hides Farm)		54 9 9	2799 15 7
	do £52/10/0 do (one third)		1 6 3	
			55 16 0	
FIRST DISTRICT				
	Charged on £2846/5/6 @ 1/6 in £		213 9 5	
	do £2306/7/0 do (one third)		57 13 2	
			271 2 7	
SECOND DISTRICT				
	Charged on £3347/3/0 @ 1/6 in £		251 1 0	
	do £590/12/0 do (one third)		14 15 3	
			265 16 3	
THIRD DISTRICT				
	Charged on £3913/0/0 @ 1/6 in £		293 9 8	
	do £5098/5/0 do (one third)		127 9 2	
			420 18 10	
FOURTH DISTRICT				
	Charged on £3787/18/0 @ 2½d. in £		39 10 5	
	do £594/10/0 do (one third)		2 1 3	
			41 11 8	
FIFTH DISTRICT				
	Charged on £4478/0/0 @ 1/6 in £		335 17 0	
	do £488/10/0 do (one third)		12 4 3	
			348 1 3	
SIXTH DISTRICT				
	Charged on £4142/15/0 @ 1/6 in £		310 14 1	
	do £343/0/0 do (one third)		8 11 6	
			319 5 7	
GRAVEL DRAIN DISTRICT				
	Charged on £532/15/0 @ 3½d. in £		7 15 4	
	do £53/10/0 do (one third)		5 3	
			327 6 2	
CROWLAND COMMON				
	Charged on £2805/15/0 @ 1/6 in £		210 13 2	
	do £197/10/0 do (one third)		4 18 9	
			215 11 11	
MONKS HOUSE FARM				
	Charged on £745-10-0 at 1/6 in £		55 18 3	
	do £3912-5-0 do (One third)		97 16 2	
			153 14 5	
ADVENTURER'S TAX:—				
One year's Tax @ 1/6 an acre charged in perpetuity on 10091a. 1r. 18p.				
				756 17 6
				756 17 6
Carried Forward				£6386 8 5

Dr.

EXPENDITURE.

Table with columns for description, £ s. d., and £ s. d. Totals: £11765 9 4

INCOME

£ s. d.

Cr. £ s. d. 6386 8 5

Brought Forward

RENTS, &c.

Table with columns for description, £ s. d., and £ s. d. Totals: £7348 19 0

£11765 9 4

Dr.

THE FIRST

DISTRICT

Cr.

Table with columns for description, £ s. d., and £ s. d. Totals: £218 4 1

Table with columns for description, £ s. d., and £ s. d. Totals: £101 16 6

£218 4 1

Dr.

		THE SECOND	
		£	s. d.
To Labour and Roding	...	50	13 0
„ Repairs, pipes, etc.	...	18	7 8
„ Glen Bank Rate	...	5	3 8
„ Calthrop & Leopold Harvey, Clerks' Salary	...	3	10 10
„ do Receivers' Salary	...	7	4 6
„ Superintendent's Salary	...	18	10 0
„ Arrears of Rates	...	21	16 0
„ do Rents	...	8	5 0
„ Allowances in respect of reduced assessments	...	1	4 2
		<hr/>	
		£134	14 10
„ Balance	...	13	7 9
		<hr/>	
		£148	2 7

Dr.

		THE THIRD	
		£	s. d.
To Superintendent's Expenditure	...	180	11 9
„ Glen Bank Rate	...	5	16 8
„ Calthrop & Leopold Harvey, Clerks' Salary	...	3	18 0
„ do Receivers' Salary	...	8	3 8
„ Superintendent's Salary	...	20	10 0
„ Arrears of Rates	...	34	16 0
„ do Rents	...	3	15 0
		<hr/>	
		£257	11 1

Dr.

		THE FIFTH	
		£	s. d.
To Superintendent's Expenditure	...	179	4 5
„ Glen Bank Rate	...	10	3 0
„ Calthrop & Leopold Harvey, Clerks' Salary	...	7	1 0
„ Sharpe & Wade, Receivers Salary	...	5	12 2
„ Bankruptcy Stamps	...		3 6
„ Superintendent's Salary	...	34	0 0
„ Arrears of Rates	...	53	7 0
„ do Rents	...	10	5 0
		<hr/>	
		£299	16 1

Dr.

		THE SIXTH	
		£	s. d.
To Superintendent's Expenditure	...	112	7 10
„ Glen Bank Rate	...	12	9 0
„ Calthrop & Leopold Harvey, Clerks' Salary	...	8	16 2
„ Sharpe & Wade, Receivers' Salary	...	6	17 10
„ Superintendent's Salary	...	37	10 0
„ Arrears of Rates	...	28	2 8
„ do Rents	...	5	10 0
		<hr/>	
		£211	13 6
„ Balance	...	23	16 1
		<hr/>	
		£235	9 7

LOAN

		£ s. d.	
To General Account Principal	...	227	2 9
„ do Interest	...	155	7 0
„ do Principal	...	227	2 9
„ do Interest	...	123	7 0
„ Balance	...	5207	18 3
		<hr/>	
		£5940	17 9

SUMMARY OF

		£ s. d.	
Second District	...	13	7 9
Sixth District	...	23	16 1
Loan Account	...	5207	18 3
		<hr/>	
		£5245	2 1

DISTRICT

Cr.

		£ s. d.	
By Balance 1st April, 1932	...	3	17 3
„ One year's Interior Tax charged on £3347-3-0 at 7d. in £	...	97	12 6
„ do do £590-12-0 do (One third)	...	5	14 10
„ Rents	...	40	18 0
		<hr/>	
		£148	2 7

DISTRICT

Cr.

		£ s. d.	
By Balance 1st April, 1932	...	42	1 1
„ One year's Interior Tax charged on £3913-0-0 at 5d. in £	...	81	10 5
„ do do £5098-5-0 do (One third)	...	35	8 1
„ Rents	...	16	15 0
„ Additional assessments	...	1	3 8
		<hr/>	
		£176	18 3
„ Balance	...	80	12 10
		<hr/>	
		£257	11 1

DISTRICT

Cr.

		£ s. d.	
By Balance 1st April, 1932	...	21	16 7
„ Arrears of Rent and Rates 1st April, 1932	...	53	9 7
„ One year's Interior Tax charged on £4478-0-0 at 8d. in £	...	149	5 4
„ do do £488-10-0 do (One third)	...	5	8 6
„ Rents	...	39	12 6
		<hr/>	
		£269	12 6
„ Balance	...	30	3 7
		<hr/>	
		£299	16 1

DISTRICT

Cr.

		£ s. d.	
By Balance 1st April, 1932	...	72	19 1
„ One year's Interior Tax charged on £4142-15-0 at 8d. in £	...	138	1 10
„ do do £343-0-0 do (One third)	...	3	16 2
„ Rents	...	20	12 6
		<hr/>	
		£235	9 7

ACCOUNT

		£ s. d.	
By Balance 1st April, 1932	...	5662	3 9
„ Interest to 30th June, 1932	...	155	7 0
„ do 31st December, 1932	...	123	7 0
		<hr/>	
		£5940	17 9

BALANCES, 31st MARCH, 1933

		£ s. d.	
General District	...	4416	10 4
First District	...	101	16 6
Third District	...	80	12 10
Fifth District	...	30	3 7
Balance on General Account—Lloyds Bank Ltd.	...	615	18 10
		<hr/>	
		£5245	2 1

We have examined the above Accounts with the Books and Vouchers and find the same correct.
 29th April, 1933. STEPHENSON, SMART & Co., Auditors.

Times of working the Engines from the 1st April, 1932, to 31st March, 1933—
 The Elloe Engine, 61 days at 12 hours per day. The Welby Engine, 55 days, 4 hours at 12 hours per day.
 The William Dennis Engine, 166 days at 12 hours per day. Estimated Stock in hand:—Fuel Oil, 8 Tons.
 Coal and Coke, 2 Tons. Petroleum, 25 Galls. Engine Oil, 45 Galls. Waste, 4 Stones. Spun Yarn, Nil.

PODEHOLE ANNUAL RAINFALL FROM 1829 TO 1908.

Year.	Inches.	Remarks.	Year.	Inches.	Remarks.
1829	30.25		1869	27.87	May Flood
1830	34.38	Glen Bank broke	1870	16.87	Lowest yet recorded
1831	34.32	Glen Bank broke	1871	25.50	
1832	28.87		1872	33.50	Glen Bank broke into Bourne North Fen
1833	24.95		1873	19.62	"Holland" engine wheel lowered 18in.
1834	18.10	Dry, July excepted	1874	16.25	Another ten years since 1864 dry
1835	24.20		1875	34.25	Great change set in in this year
1836	26.65		1876	31.00	North and South Drove Drains cleaned out
1837	23.90	Glen Bank broke	1877	24.25	Glen Bank broke into Bourne North Fen. Great Flood in Cowbit [Wash. Water at Duck Hall 18in. deep on Road
1838	21.10		1878	25.26	
1839	31.65		1879	24.37	A most wretched harvest. Glen New Sluice opened
1840	21.30		1880	37.12	Glen Bank broke into Bourne South Fen. Flood in Cowbit Wash
1841	29.45	Coal used—1,350 Tons.—Several new drainage steam engines [erected in the Fens	1881	26.12	"Kesteven" wheel lowered 18in. [4in. higher than 1877.
1842	32.10		1882	30.50	Glen Bank broke South side, water at Podge Hole 6ft. 10in. gauge [in Fen, 8ft. 4in. in Vernatts
1843	29.45		1883	30.87	Low Water in Welland, 1½in. below Sill of Glen
1844	22.20		1884	16.75	Ten years again and dry
1845	27.25		1885	23.87	
1846	26.10	8 years' average—27 inches	1886	30.25	May Flood
1847	25.62	"Kesteven" engine wheel lowered 14 ins., first time	1887	15.12	The lowest recorded. Crossgate Bridge re-built
1848	34.30		1888	21.56	
1849	27.45		1889	26.73	
1850	20.93		1890	19.97	
1851	22.25		1891	25.08	No rain in February
1852	31.00	Great Floods in the Fens and in Cowbit Wash	1892	22.66	"Holland" wheel lowered 4in., total 3ft. since 1825 new Dredger [launched.
1853	26.62		1893	18.32	Very dry Summer
1854	17.75	Slightly below 1834—Dry	1894	22.35	Welland again heavily landed up by Tides
1855	22.00		1895	22.23	Feb. 9th, 35 degrees of frost in Spalding
1856	22.62		1896	22.73	
1857	27.87	Vernatt's New Sluice opened	1897	23.59	Glen North Bank broke at Guthram; highest known [Flood in Glen
1858	17.50	Similar to 1854	1898	21.23	
1859	25.25		1899	20.77	Portion of Counter Drain cleaned out, and inner bank strengthened
1860	30.37		1900	23.34	Improvement of River Glen. Mud ploughing and casting out
1861	25.75		1901	22.37	Delph Drain deepened and widened
1862	24.87		1902	22.59	
1863	22.87	"Holland" engine wheel lowered 14in., first time	1903	29.74	Wet year. Rainfall in October 6.25 inches
1864	17.62	Dry year; similar to 1854	1904	22.23	"Kesteven" wheel lowered 4in., total 3ft. since 1825
1865	29.12		1905	24.62	High tide in Welland Jan. 6th. 17ft. 9in. on Glen Sluice gauge.
1866	26.75	Welland landed up by Tides	1906	25.99	[River overflowed bank at Pigeon End.
1867	23.37		1907	22.45	Dredger "Nesta" launched, November
1868	24.75	Hot Dry Spring! Pastures burnt up May, June, July. Rainfall ½ in.	1908	17.22	Extensive repairs to Vernatts Sea Gates

PODEHOLE ANNUAL RAINFALL FROM 1909 TO 1933.

1909	24.00	River Glen stops, Tongue End, lowered 2 feet.	1919	26.49	
1910	26.12	Glen North Bank broke near Tongue End, December 3rd.	1920	24.08	
1911	18.98	Horseshoe, Money and Cuckoo Bridges rebuilt in ferro-concrete.	1921	12.66	Driest year on this record
1912	29.38	Rainfall Aug. 26th, 2.14ins. in 24 hours. Highest recorded flood in Glen, Aug. 27th.	1922	26.31	
1913	21.11	South Drove Drain cleaned out. Crowland Bridge rebuilt in ferro-concrete.			
1914	21.85	Diesel Engine and Pump started work, April.			
1915	25.74	North Drove Drain cleaned out. Vernatts Drain Improvement.			
1916	27.89	Delph Drain Improvement commenced.			
1917	19.94	Low Rainfall (under 20 inches).			
1918	26.46	Heavy Rainfall—September.			
Rainfall.			Jan.	1'42	
1923	1'42		Feb.	3'28	
1924	2'22		Mar.	1'93	
1925	1'04		April.	1'16	
1926	3'15		May.	1'13	
1927	1'61		June.	0'57	
1928	2'85		July.	2'15	
1929	1'66		August.	2'13	
1930	2'13		Sept.	2'11	
1931	2'17		Oct.	2'66	
1932	0'81		Nov.	1'59	
1933	1'25		Dec.	2'76	
Total depth for each month 1829 to 1932.	195'85		Total	22'89	
				26'47	
				23'00	
				23'47	
				29'49	
				25'29	
				20'90	
				25'04	
				25'77	
				25'35	
				238'96	209'35
				256'65	Total depth in inches.

NO. OF DAYS THE ENGINES WORKED, AT 12 HOURS PER DAY.

1921	Holland	3 days	6½ hours	1925	Holland	5 days	8 hours	1929	Welby	20 days	1 hours
"	Kesteven	2 "	5 "	"	Kesteven	17 "	5 "	"	Wm. Dennis	98 "	0 "
"	Elloe	20 "	1½ "	"	Elloe	128 "	4 "	"	Elloe	50 "	8 "
"	Welby	21 "	9½ "	"	Welby	147 "	1 "	"	Welby	33 "	4 "
1922	Holland	3 "	4 "	1926	Holland	2 "	0 "	"	Wm. Dennis	167 "	1 "
"	Kesteven	25 "	7 "	"	Kesteven	8 "	0 "	"	Elloe	64 "	0 "
"	Elloe	111 "	3 "	"	Elloe	77 "	2½ "	"	Welby	37 "	0 "
"	Welby	100 "	4 "	"	Welby	84 "	8 "	"	Wm. Dennis	69 "	0 "
1923	Holland	1 "	7 "	1927	Holland	28 "	8 "	"	Elloe	61 "	0 "
"	Kesteven	19 "	8 "	"	Kesteven	62 "	3 "	"	Welby	55 "	4 "
"	Elloe	100 "	0 "	"	Elloe	197 "	2½ "	"	Wm. Dennis	166 "	0 "
"	Welby	65 "	8 "	1928	Welby	257 "	5½ "	"			
1924	Holland	5 "	1 "	"	Elloe	48 "	6 "	"			
"	Kesteven	10 "	7 "	"	Welby	58 "	7 "	"			
"	Elloe	156 "	9 "	"	Wm. Dennis	26 "	7 "	"			
"	Welby	130 "	7 "	1929	Elloe	26 "	1 "	"			

Rainfall, April 1st, 1932, to March 31st, 1933, 27'76 inches.