

1941.
NEW ZEALAND.

DEPARTMENT OF LANDS AND SURVEY.
SWAMP DRAINAGE.

REPORT FOR THE YEAR ENDED 31st MARCH, 1941, TOGETHER WITH STATEMENTS OF ACCOUNTS.

*Presented to both Houses of the General Assembly pursuant to Section 13 of the
Swamp Drainage Act, 1915.*

Department of Lands and Survey, Wellington, 1st July, 1941.

SIR,—

In pursuance of section 13 of the Swamp Drainage Act, 1915, I have the honour to forward the report of the Chief Drainage Engineer covering operations on lands proclaimed under the Swamp Drainage Act and amendments.

I have, &c.,

R. G. MACMORRAN,

Under-Secretary for Lands.

The Hon. Frank Langstone, Minister of Lands.

REPORT OF THE CHIEF DRAINAGE ENGINEER.

SIR,—

I have the honour to submit my annual report on the areas proclaimed under the Swamp Drainage Act, 1915, and its amendments for the year ending 31st March, 1941.

KAITAIA DRAINAGE AREA (61,430 ACRES), MANGONUI COUNTY.

The completion of the Waipapakauri outlet this year has resulted in improved drainage to the Kaitaia Small-farms Area, also to the farm land along the route.

The Monighan Drag-line No. 18 employed on this operation is now laid up.

Rainfall for the year amounted to 48.49 in., a decrease of 15 in. for the previous year. January was the wettest month, when a total of 8.41 in. fell on fourteen days. Records for the year, including river-gauge readings, are shown hereunder:—

Rainfall and River-gauge Readings for Year ending 31st March, 1941.

Month.	Rainfall (Inches).	Wet Days in Month.	Highest Rain- fall for Twenty-four Hours (Inches).	Kaitaia River-gauge, Wai- kuriki Bridge.	
				Highest.	Lowest.
1940.					
April	5.57	14	2.65	54.1	52.3
May	6.17	19	1.07	58.6	52.2
June	3.09	16	0.83	58.5	53.2
July	2.47	9	0.62	57.7	53.2
August	3.54	18	0.65	57.8	53.1
September	3.12	15	0.86	57.9	52.6
October	3.16	11	0.65	57.5	52.5
November	3.70	14	0.99	59.5	52.7
December	1.38	4	0.65	53.8	52.3
1941.					
January	8.41	14	2.16	57.3	52.5
February	1.99	6	1.02	55.8	52.2
March	5.89	9	3.30	62.4	52.3
Totals	48.49	149			

Drains.—Yates and Mathews drains were widened and deepened for 21 and 45 chains respectively, which enabled improvements to be effected to internal drains connected to same, and in addition the usual 60 miles of main drains were cleaned.

Stop-banks and Flood-gates.—A portion of the stop-bank on the Awanui River is causing concern owing to erosion caused by the wash from shipping. This erosion will be further investigated and a report submitted. General repairs were effected to stop-banks and flood-gates as found necessary.

Whangatane Spillway.—No work was carried out during the year. There is, however, considerable silting taking place between the spillway and Quarry Road, and as the discharge capacity has been affected steps will be necessary to remove the silt.

Expenditure and Rates.—The net maintenance expenditure for the year was £1,429 9s. 11d.

1940–41 rates struck were—Town: Special, £440 18s. 4d.; general, £200 14s. 2d. Rural: Special, £3,442 1s. 5d.; general, £1,925 19s.

The amount paid during the year on account of current rates and arrears was—Town: Special, £420 19s. 8d.; general, £209 18s. 8d. Rural: Special, £515 18s. 8d.; general, £271 14s. 11d.

HIKURANGI DRAINAGE AREA (50,000 ACRES), WHANGAREI COUNTY.

The only expenditure was in connection with the overhaul and disposal of plant during the first two months of the year amounting to £55 7s. 6d.

WAIHI DRAINAGE AREA (20,000 ACRES), TAURANGA COUNTY.

Maintenance work on stop-banks, bridges, and flood-pump were continued during the year, together with the seasonal cleaning operations of 36 miles 30 chains of drains.

A rearrangement of the outfall near the stockyard was made, and subdivisional drains constructed between the Pongakawa West and the Wharere and Central drains.

The Te Puke Flax-milling Co., lessees of the Pukehina Block swamp area on the eastern side of the Pongakawa Stream, have installed a small land drainage pumping station and commenced sowing an area of swamp in grass.

The net maintenance expenditure for the year was £917.

1940–41 rates struck were: Special, £793 6s. 5d.; general, £1,369 8s. 7d.

The amount paid during the year on account of current rates and arrears was: Special, £1,093 4s. 1d.; general, £1,476 10s. 6d.

POUKAWA DRAINAGE AREA (15,567 ACRES), HAWKE'S BAY.

Maintenance of completed works was carried out during the year, and I am indebted to the Commissioner of Crown Lands, Napier, for the preparation and inspection of drain-cleaning contracts.

The net maintenance expenditure during the year was £358 17s. 1d.

1940–41 rates struck were: Special, £1,121 1s. 5d.; general, £312 1s. 2d.

The amount paid during the year on account of current rates and arrears was: Special, £407 17s. 8d.; general, £101 17s. 10d.

I have, &c.,

R. L. INNIS, Chief Drainage Engineer.

The Under-Secretary for Lands, Wellington.

SWAMP LAND DRAINAGE SCHEME.

RATE ACCOUNTS FOR YEAR ENDED 31ST MARCH, 1941.

KAITIAI DRAINAGE AREA.

Special Rate Accounts: Capital.

<i>Dr.</i>	Rural		Town		<i>Cr.</i>	Rural		Town	
	Subdivision.	Subdivision.	Subdivision.	Subdivision.		Subdivision.	Subdivision.	Subdivision.	Subdivision.
	£	£	£	£		£	£	£	£
Transfer to Reserve	467	64			Balance, 1st April, 1940	1,703	54		
Interest charges	2,533	346			Rates levied 1940–41	3,181	441		
Remissions	148	1			10-per-cent. penalty on unpaid rates	261	16		
Balance, 31st March, 1941	1,997	100							
	<u>£5,145</u>	<u>£511</u>				<u>£5,145</u>	<u>£511</u>		

General Rate Accounts: Maintenance.

<i>Dr.</i>	Rural		Town		<i>Cr.</i>	Rural		Town	
	Subdivision.	Subdivision.	Subdivision.	Subdivision.		Subdivision.	Subdivision.	Subdivision.	Subdivision.
	£	£	£	£		£	£	£	£
Remissions	57	..			Balance, 1st April, 1940	971	164		
Cost of maintenance	1,230	200			Rates levied	1,773	201		
Balance, 31st March, 1941	1,610	174			10-per-cent. penalty on unpaid rates	153	9		
	<u>£2,897</u>	<u>£374</u>				<u>£2,897</u>	<u>£374</u>		

SWAMP LAND DRAINAGE SCHEME—*continued.*RATE ACCOUNTS FOR YEAR ENDED 31ST MARCH, 1941—*continued.*

WAIHI DRAINAGE AREA.

Special Rate Accounts : Capital.

		Pukehina Ward.	Kaikokopu Ward.			Pukehina Ward.	Kaikokopu Ward.
<i>Dr.</i>		£	£	<i>Cr.</i>		£	£
Balance, 1st April, 1940	.. ..	1,287	..	Balance, 1st April, 1940	.. ..	..	207
Transfer to Reserve	.. ..	46	69	Rates levied	.. ..	320	430
Interest charges	.. ..	208	313	10-per-cent. penalty on unpaid rates	.. ..	13	30
Balance, 31st March, 1941	.. ..	449	285	Adjustment in respect of rates remitted	.. ..	1,657	..
		<u>£1,990</u>	<u>£667</u>			<u>£1,990</u>	<u>£667</u>

General Rate Accounts : Maintenance.

		Pukehina Ward.	Kaikokopu Ward.	Central Ward.			Pukehina Ward.	Kaikokopu Ward.	Central Ward.
<i>Dr.</i>		£	£	£	<i>Cr.</i>		£	£	£
Balance, 1st April, 1940	.. ..	458	..	1,059	Balance, 1st April, 1940	.. ..	..	152	..
Maintenance-costs	.. ..	92	459	367	Rates levied	.. ..	176	579	551
Remissions	.. ..	..	..	2	10-per-cent. penalty on unpaid rates	.. ..	7	37	19
Balance, 31st March, 1941	.. ..	1,082	309	1,049	Adjustment in respect of rates remitted	.. ..	1,449	..	1,907
		<u>£1,632</u>	<u>£768</u>	<u>£2,477</u>			<u>£1,632</u>	<u>£768</u>	<u>£2,477</u>

POUKAWA DRAINAGE AREA.

Special Rate Accounts : Capital.

<i>Cr.</i>					<i>Cr.</i>				
Transfer to Reserve	.. ..	..	..	154	Balance, 1st April, 1940	.. ..	..	..	325
Interest charges	.. ..	..	..	924	Rates levied	.. ..	..	..	1,121
Remissions	.. ..	..	..	55	10-per-cent. penalty added to unpaid rates	.. ..	..	..	87
Balance, 31st March, 1941	.. ..	..	..	400					
				<u>£1,533</u>					<u>£1,533</u>

General Rate Account : Maintenance.

<i>Cr.</i>					<i>Cr.</i>				
Balance, 1st April, 1940	.. ..	..	..	195	Rates levied	.. ..	..	..	312
Cost of maintenance	.. ..	..	..	359	10-per-cent. penalty added to unpaid rates	.. ..	..	..	18
Remissions	.. ..	..	..	162	Thirds	.. ..	..	..	108
Balance, 31st March, 1941	.. ..	..	..	639	Adjustment in respect of Thirds previously credited to Drainage Works Account	.. ..	..	..	917
				<u>£1,355</u>					<u>£1,355</u>

RECEIPTS AND PAYMENTS ACCOUNT FOR THE YEAR ENDED 31ST MARCH, 1941.

		Public Works Fund.	Consolidated Fund.			Public Works Fund.	Consolidated Fund.
<i>Receipts.</i>		£	£	<i>Payments.</i>		£	£
Rents from national-endowment land in Waihi Drainage Area	.. ..	..	349	Rates refunded	.. ..	..	2
Interest on sales of land	.. ..	..	38	Kaitaia Drainage Area : Maintenance, completed works	.. ..	..	1,538
Special rate for interest and sinking fund—				Hikurangi Drainage Area : Drainage-works, &c.	.. ..	55	..
Waihi Drainage Area	.. ..	..	1,093	Poukawa Drainage Area—			
Kaitaia Drainage Area	.. ..	..	942	Maintenance, completed works	.. ..	..	295
Poukawa Drainage Area	.. ..	..	408	Drainage-works, &c.	.. ..	3	..
General Rate for Administration and Maintenance—				Waihi Drainage Area : Maintenance, completed works	.. ..	..	867
Waihi Drainage Area	.. ..	..	1,485	Refund of recoveries on account of expenditure of previous years	.. ..	4	..
Kaitaia Drainage Area	.. ..	..	484	Transfer receipts to Treasury Adjustment Account	.. ..	..	5,314
Poukawa Drainage Area	.. ..	..	102	Transfer receipts to Public Works Fund Account	.. ..	818	..
Thirds	.. ..	..	157				
Sundry rents	.. ..	..	34				
Miscellaneous	.. ..	..	222				
Credits in reduction of expenditure	.. ..	758	..				
Recoveries on account of expenditure of previous years	.. ..	60	..				
Transfer of expenditure to Treasury Adjustment Account	.. ..	..	2,702				
Transfer of expenditure to Public Works Fund Account	.. ..	62	..				
		<u>£880</u>	<u>£8,016</u>			<u>£880</u>	<u>£8,016</u>

