

EAST DEMERARA WATER CONSERVANCY BOARD

GEORGETOWN, BRITISH GUIANA.

Commissioners :

W. A. CAMPBELL, Esq.,
 G. B. GREENFIELD, Esq.,
 J. BAXTER, Esq.,
 R. T. FINDLAY, Esq.,
 R. A. WILKINS, Esq.,
 T. O. TULLY, Esq.,
 L. FORBES, Esq.,
 L. A. LUCKHOO, Esq., Q.C.
 C. V. WIGHT, O.B.E.

Chairman — Conservancy
 Commissioner Lamaha Estates
 do. do.
 do. East Coast Estates
 do. do.
 do. do.
 District Commissioner East Demerara
 Mayor, Town Council
 Rep. " "

I. GRANT, Esq.,

Consulting Engineer

Commissioners' Report

FOR YEAR ENDING 31ST DECEMBER, 1960.

Rainfall at Lama for the year is as follows:—

	1960		1959	
	Ins.	Pts.	Ins.	Pts.
January	5	67	4	00
February	2	58	3	28
March	2	98	3	37
April	9	99	2	96
May	7	43	3	84
June	11	41	17	46
July	14	25	18	19
August	8	93	4	84
September		96	2	95
October	3	18	3	61
November	6	10	8	33
December	7	96	13	81
TOTAL	81	44	86	69
Rain fell in January	13	days	14	days
February	6	"	8	"
March	5	"	8	"
April	12	"	10	"
May	22	"	9	"
June	24	"	20	"
July	20	"	25	"
August	13	"	12	"
September	3	"	6	"
October	5	"	13	"
November	13	"	15	"
December	17	"	20	"
TOTAL	153	days	160	days

The highest water level at Lama was on Thursday 30th June	57.90 G.D.
The lowest water level at Lama was on Tuesday 5th April	51.85 G.D.
The water level at Lama on the 31st December was	56.15 G.D.

Kokers closed during the Year from 30th March to 6th April and from 16th November to 6th December.

COMMISSIONERS' HOUSES :

These are in good order but due for painting in 1961.

The Electric Motor for supplying water is in good order and is working satisfactorily. The Over-head Tank will be installed in 1961 and all water containers would be condemned.

LABOURERS' HOUSES :

All houses are in good order. Maduni watchhouse has been entirely renewed.

FIRES :

There were no Fires during the year.

PUNTS :

All five punts are in good condition, and only one of the three punt-houses would have to be repaired in 1961, this punt-house is serving for sleeping accommodation for men employed on Steam Dredge No. 1.

COMMISSIONERS' CHANGES :

There were five changes during the year.

- A. Balfour, Esq., acting for G. B. Greenfield, Esq., on furlough.
- H. B. Foster, Esq., acting for R. T. Findlay, Esq., on furlough.
- L. Forbes, Esq., replaced K. L. Yhap, Dist. Commissioner—East Demerara—transferred
- L. A. Luckhoo, Esq., Q.C., replaced Mr. L. F. S. Burnham as Mayor, Town Council.
- C. V. Wight, O.B.E., replaced Mr. C. A. Merriman, Rep. Town Council.

COMMISSIONERS' VISITS :

W. A. Campbell, Esq., Chairman on the		27th Feby.	— 29th Feby.
		19th March	— 21st March
		15th April	— 18th April
		4th June	— 6th June
		2nd July	— 4th July
		6th August	— 7th August
		3rd Sept.	— 5th Sept.
		10th Dec.	— 11th Dec.
		27th Dec.	— 30th Dec.
T. O. Tulley, Esq.,	Commissioner	27th Feby.	— 29th Feby.
		15th April	— 18th April
		2nd July	— 4th July
		10th Dec.	— 11th Dec.
		27th Dec.	— 30th Dec.
A. Balfour, Esq.,	"	27th Feby.	— 29th Feby.
		19th March	— 21st March
J. Baxter, Esq.,	"	15th April	— 18th April
		15th April	— 18th April
		8th July	— 10th July
			29th June
R. A. Wilkins, Esq.,	"	22nd July	— 24th July
L. A. Luckhoo, Esq., Q.C., Mayor, Town Council		20th Aug.	— 21st August
R. T. Findlay, Esq.,	Commissioner	10th Dec.	— 11th Dec.

BOATS :

Two Corials have been purchased. The boat "Chairman" will be condemned and replaced by a new boat which has been ordered already and will be finished at the beginning of 1961.

BOAT HOUSES :

Botanical Gardens and Haulover are in good order. Lama boat-house will be renewed in 1961.

STOP-OFFS :

Stop-off in front and back of Memorial at Lama is in good condition.

LAUNCHES :

Launch "Sir Frederick" has been kept in good condition and working satisfactorily.

LIGHTING PLANT :

This Unit is in good condition and gave no trouble during the year, certain Spare-parts have been ordered and since received.

OUTBOARD MOTOR :

All four Archimedes are in good condition. Inboard Motor Redwing is also in good working order.

FIREBOATS :

Fireboat "H. R. Barnwell" is in good order and stationed at Benab. The D 34 Diesel Engine Warsop Pump is stationed at Lama.

TAKING IN WATER :

No Water was taken in during the year.

RELIEF SLUICES :

Lama New Sluice and Paaling Off are in good order. Lama Old Sluice North and South-West Paaling-Off reported as bad last year has been renewed over a length of 40 feet. Maduni Old and New Sluices and Paaling-off are all in good condition. Land of Canaan Paaling off on Road and Extension Sluices are in good condition. Concrete Groove at the bottom of Road Sluice reported as bad last year has been repaired. Since Badrima Creek has been opened and dug a greater flow of water is now passing through the Road Sluice.

Lama old sluice was opened for relieving purposes	..	..	..	8 days
Maduni old sluice was opened for relieving purposes	..	..	..	4 "
Lama New Sluice was opened for relieving purposes	..	..	..	1 day
Land of Canaan was opened for relieving purposes	..	..	..	14 days

NEW SHANKS CANAL :

The Intake Koker connected with Shanks Canal is in good condition. Low spots on Shanks Canal Dam were made up. Stop-offs in the Old Shanks canal need close attention.

DAMS AND CANALS :

The dams are in good condition, Steam Dredge No. 1 at present is in the East Service Canal raising low spots from Pole 4—15 as reported last year.

HAULOVER :

Is in good order, paaling off reported as bad last year has been renewed by a length of 180 feet South and 75 feet North of Koker.

LOCK BENAB :

Due to shortage of funds no repairs have been carried out during 1960 and only a small amount of \$3,000:— has been estimated for 1961.

PAAL-OFFS :

The Paaling-off in front and back of the Memorial is in good condition. Paaling-off East and West of Road Sluice at Land of Canaan and Extension Canal Sluice is in good condition. Paaling-off behind La Repentir Cemetery has been extended by 366 feet the balance of the Dam is in fairly good condition. 55 feet Paaling-off has been done in front the Watchhouse at the Experimental Station. Paaling-off in front of Labourers Houses at Lama has to be done in 1961 over a length of 120 feet.

DREDGES :

The No. 1 Steam Dredge worked most of the time in the Lamaha Extension Canal and finished 970 rods up to the Sandhill, from there it was transferred to Pole 4 East Service Canal where it completed 730 rods.

672

The No. 2 Diesel Dredge completed 1564 rods in the Badrima Creek, at present it is stationed at Lama but will be transported to Laluni Creek.

FOR DETAILS OF DREDGE WORK SEE BELOW

Dredge work for the year:—

The No. 1 Dredge

	Days	Rods	Cords of Wood	Cost of Fuel	Cost of Labour	Total Cost	Cost per Rod.
Lama Extension Canal	119	970	108	\$756.00	\$2602.35	\$3358.35	\$3.46
East Service Canal	39	730	55	440.00	872.76	1312.76	1.80
	158	1700	163	\$1196.00	\$3475.11	\$4671.11	\$2.75

FUEL WOOD ACCOUNT —

RECEIPTS:—

Stock on Hand at 1st Jany. 1960	....	....	80 Cords at \$7.00	.....	\$560.00
Cut during the Year Jany. 1960	....	....	123 " at 8.00	.....	984.00
" " " " " "	....	....	87 " at 7.00	.....	609.00
Total			290 Cords		\$2153.00

DISPOSAL:—

Consumed during the Year	....	....	108 Cords at \$7.00	.....	\$756.00
Stock on Hand	....	....	55 " at 8.00	.....	440.00
			68 " at 8.00	.....	544.00
			59 " at 7.00	.....	413.00
Total			290 Cords		\$2,153.00

The No. 2 Diesel Dredge

	Days	Rods	Dieselene	Cost of Fuel	Cost of Labour	Total Cost	Cost Per Rod
Badrima Creek	209	1564	1640	\$664.20	\$4049.50	\$4713.70	\$3.01

RECEIPTS:—

On Hand at 1st Jany. 1960	....	....	....	725 Glns. Fuel	.....	\$307.70
Received during the year	....	....	....	1350 " "	.....	532.67
				2075 Glns.		\$840.37

DISPOSAL:—

Consumed during the year	....	....	....	1640 Glns. Fuel	.....	\$664.20
Stock on Hand 31st Dec. 1960	....	....	....	435 " "	.....	176.17
				2075 Glns.		\$840.37

**MANAGEMENT:—
EXPENSE ACCOUNT**

	Estimated 1960	Actual 1960
Secretary	\$1,740.00	\$2,000.00
Superintendent	4,320.00	4,500.00
„ Trav: Expenses	480.00	480.00
Consulting Engineer	900.00	937.50
„ Engin: Trav. Exp.	75.00	75.00
Auditor	300.00	300.00
	<u>\$7,815.00</u>	<u>\$8,292.50</u>

COMMISSIONERS' HOUSES :—

Servants	\$1,120.00	\$1,212.50
Repairs & Painting	500.00	276.66
Upkeep o Yard & Paal-offs	500.00	216.13
Sundries	800.00	1,728.68
	<u>\$2,920.00</u>	<u>\$3,433.97</u>

OFFICE EXPENSES :—

Clerical Assistant	\$ 250.00	\$ 260.42
Attendant	160.00	160.00
Telephone Rent	100.00	57.31
Printing, Stationery	400.00	477.77
Stamps for Postage, Receipts & Cheques	50.00	31.00
	<u>\$ 960.00</u>	<u>\$ 986.50</u>

REPAIRS & RENEWALS

Labourers' Cottages	\$ 500.00	\$1,807.62
Annandale Watch House	500.00	—
Boat Houses	1,000.00	16.50
Haul Over	500.00	2,841.41
Boats	1,500.00	2,224.72
Iron Punts	400.00	231.53
Lock (Benab)	500.00	106.06
Sluices :—		
Lama	500.00	856.57
Maduni	500.00	110.10
Land of Canaan	500.00	—
Benab	—	—
	<u>\$6,400.00</u>	<u>\$8,194.51</u>

No. 1 DREDGE (Steam)

Repairs & Spares	\$2,500.00	\$2,976.89
------------------------	------------	------------

No. 2 DREDGE (Diesel)

Repairs & Spares	\$1,500.00	\$1,508.15
------------------------	------------	------------

MOTOR LAUNCHES —

Crew	\$5,800.00	\$5,925.00
Repairs	500.00	378.36
Supplies	500.00	158.08
Fuel	1,000.00	1,075.56
	<u>\$7,800.00</u>	<u>\$7,536.94</u>

MISCELLANEOUS EXPENSES :—

Rent of Crown Lands	\$ 500.00	\$ 403.02
Royalty on Wood	200.00	—
Commissioners' Expen:	1,200.00	865.16
Medical Attendance & Medicines	600.00	778.16
Insurance (Including W/Compen- sation Insee:)	2,500.00	363.86
Transporting Punts	—	25.00
Spars, Beams, etc:	—	—
Contingencies	5,000.00	5,054.36
Interest on New Dredge & Pontoon @ 6½%	1,450.00	1,427.39
Pensions	1,000.00	1,101.00
Sundries	500.00	—
	<u>\$12,950.00</u>	<u>\$10,017.95</u>

EAST SERVICE CANAL :—

Weeding Dams & Cleaning Canals	\$2,000.00	\$3,162.30
Repairing Dams	500.00	1,044.37
Extin: Fires	200.00	38.80
Ranger	800.00	834.00
Repairing Guages & Renewing Poles	—	—
Priestman's Dredge		
do. Labour	2,000.00	872.28
do. Fuel	600.00	548.00
do. Supplies	400.00	4.00
do. Watchmen	300.00	46.75
do. Towing	—	48.25
	<u>\$6,800.00</u>	<u>\$6,598.75</u>

WEST SERVICE CANAL :—

Weeding Dams & Cleaning Canals	\$1,950.00	\$1,761.58
Repairing Dams	100.00	—
Extin: Fires	—	—
Ranger	600.00	674.00
Repairing Guages & Renewing Poles	—	—
Superintendent's Cut (Weeding and Digging)	800.00	225.38
	<u>\$3,450.00</u>	<u>\$2,660.96</u>

NORTH WING DAM :—

	Estimated 1960	Actual 1960
Weeding Dams & Cleaning Canals	\$1,500.00	\$2,041.02
Repairing Dams	2,000.00	2,279.36
Ranger	700.00	632.00
Extin: Fires	200.00	—
Repairing Guages & Renewing Poles	—	—
Priestman's Dredge (Diesel)		
do. Labour	—	—
do. Fuel	—	—
do. Supplies	—	—
do. Towing	—	—
do. Watchmen	—	—
	<u>\$4,400.00</u>	<u>\$4,952.38</u>

SOUTH WING DAM:—

Weeding Dams & Cleaning Canals	\$ 700.00	\$ 642.72
Repairing Dams	2,400.00	1,989.79
Extinguishing Fires	—	—
Ranger	1,200.00	869.00
Cleaning Maduni Creek	50.00	—
Repairing Gauges and Renewing Poles	—	—
	<u>\$4,350.00</u>	<u>\$3,501.51</u>

ANNANDALE WATERPATH:—

Weeding Dams & Cleaning Canals	\$1,500.00	\$ 826.16
Repairing Dam	—	12.00
Ranger	600.00	621.00
Extinguishing Fires	—	—
Cleaning Anira Creek	300.00	267.80
Repairing Gauges and Renewing Poles	—	—
Priestman's Dredge		
do. Labour	—	—
do. Fuel	—	—
do. Supplies	—	—
do. Repairs	—	—
do. Towing	—	—
do. Watchmen	—	—
	<u>\$2,400.00</u>	<u>\$1,726.96</u>

LAMA CREEK

Cleaning	\$ 250.00	\$ 24.36
Digging	—	86.80
	<u>\$ 250.00</u>	<u>\$ 111.16</u>

LAMAHA CANAL :—

Cleaning Creeks & Canals	\$10,000.00	\$11,477.94
Repairing Dams	2,000.00	5,708.46
Foremen & Rangers	3,000.00	4,017.00
Extin: Fires	150.00	—
Gauges, Poles & Notice Boards	—	—
Priestman's Dredge (Steam) (Badarima)		
do. Labour	8,000.00	6,196.43
do. Fuel (Wood)	3,000.00	1,429.42
do. Supplies	500.00	577.97
do. Repairs	1,000.00	1,072.65
do. Towing	50.00	150.00
do. Watchmen	500.00	745.50
	<u>\$28,200.00</u>	<u>\$31,375.37</u>

EXTENSION SCHEME CONNECTIONS :—

Clg. Canals, Weeding & repairing dams	\$ 1,000.00	\$ 310.08
Superintendence & Sundries	300.00	26.20
Ranger	900.00	1,273.97
Road Sluice — Land of Canaan (Including Paal-off at Road)	—	182.12
	<u>\$ 2,200.00</u>	<u>\$ 1,792.37</u>

SHANKS CANAL:—

Weeding Dams & Cleaning Canals	\$ 2,000.00	\$ 1,596.12
Repairing and Maintaining Dams	500.00	273.04
Ranger	700.00	755.75
Sundries	150.00	9.72
Repairing Paal-off	100.00	—
	<u>\$ 3,450.00</u>	<u>\$ 2,634.63</u>

SUMMARY:—

Expense Account	\$42,845.00	\$42,947.41
East Service Canals	6,800.00	6,598.75
West Service Canals	3,450.00	2,660.96
North Wing Dam	4,400.00	4,952.38
South Wing Dam	4,350.00	3,501.51
Annandale Waterpath	2,650.00	1,838.12
Lamaha Canal	28,200.00	31,375.37
Shanks Canal	3,450.00	2,634.63
Extension Scheme Connections	2,200.00	1,792.37
TOTAL	<u>\$98,345.00</u>	<u>\$98,301.50</u>

F. M. SCHNEIDERSMANN,
Superintendent.

EAST DEMERARA WATER CONSERVANCY

GENERAL MAINTENANCE

REVENUE ACCOUNT FOR YEAR ENDED 31ST DECEMBER, 1960.

DR:

CR:

To Expenditure on upkeep as per Analysed Statement \$ 98,301.50	By Assessments collected \$ 98,345.00
.. Balance being excess of Revenue over Expenditure 1,726.99	.. Interest received 1,683.49
<u>\$100,028.49</u>	<u>\$100,028.49</u>

LOAN OF \$40,000:— OBTAINED FROM BOOKERS SUGAR ESTATES LTD. AND DEMERARA COMPANY, LTD.
AND APPROVED BY B.G. GOVERNMENT FOR THE PURCHASE OF A PRIESTMAN DREDGE (DRAG LINE)

To: Repaid to 31st December, 1959 .. \$12,000.00	By Cash received from—	
.. „ during year 1960 .. 4,000.00 16,000.00	Bookers Sugar Estates Ltd. .. \$30,000.00	
.. Balance owing to :—	Demerara Co., Ltd. .. 10,000.00	
Bookers Sugar Estates Ltd. .. \$ 13,469.78		\$40,000.00
Demerara Co. Ltd. .. 4,489.93 \$17,959.71	Less: unexpended amount repaid .. 6,040.29	
	Cost of New Drag Line	33,959.71
<u>\$33,959.71</u>		<u>\$33,959.71</u>

BALANCE SHEET AS AT 31ST DECEMBER, 1960.

LIABILITIES	ASSETS
Loan Creditors—	Priestman Dredge (Drag Line) .. \$33,959.71
Bookers Sugar Estates Ltd. .. \$13,469.78	Stock of Fuel:—
Demerara Co. Ltd. .. 4,489.93 17,959.71	Oil \$ 176.17
Sundry Creditors .. 4,186.16	Wood 957.00 1,133.17
Amounts due for expenditure re	Recoverable Expenditure for supplying
Drought of year 1959 to the following:—	water during drought in the year 1959 .. 43,489.33
Ressouver Estates Ltd. .. 22,126.06	Cash at Barclays Bank—
Enmore Estates Ltd. .. 9,935.17	Current A/c 22,626.83
Bookers Sugar Estates Ltd. .. 98.00	Special A/c 1,200.00 23,826.83
Blairmont Estates Ltd. .. 1,493.05	
Demerara Co. Ltd. .. 9,390.65	
Houston Estates Ltd. .. 446.40 43,489.33	
Depreciation Fund 16,000.00	
GENERAL RESERVE A/C:	
Balance at 31st December, 1959 .. 13,489.33	
REVENUE A/C	
Balance at 31st December, 1959 .. \$ 5,557.52	
Add: Surplus being excess for	
year 1960 1,726.99 7,284.51	
<u>\$102,409.04</u>	<u>\$102,409.04</u>

NOTE: For the purpose of the Balance Sheet no value has been placed on the Property.

Georgetown, Demerara,
5th January, 1961.

D. HOWARD
Secretary,
EAST DEMERARA WATER CONSERVANCY BOARD.

AUDITOR'S REPORT

I have examined the above Balance Sheet dated 31st December, 1960 with the Books, Accounts and Vouchers of the East Demerara Water Conservancy Board. I have obtained all the information and explanations I have required. The Balance Sheet is in my opinion properly drawn up, so as to exhibit a true and correct view of the state of the Conservancy Board, according to the information and explanations given me and as shown by the Books.

Demerara, B.G.
9th January, 1961

ALEXANDER YHAP,
Auditor.
Certified Accountant.