

EAST DEMERARA WATER CONSERVANCY BOARD

Georgetown, British Guiana

Commissioners:

T.O. TULLY, Esq.	Chairman - Conservancy
W.A. CAMPBELL, Esq.	Commissioner Lamaha Estates
G.B. GREENFIELD, Esq.	do do
G. STRANG, Esq.	do do
R.A. WILKINS, Esq.	do East Coast Estates
J. McTURK, Esq.	do do
R. RAI, Esq.	District Commissioner East Demerara
C.A. MERRIMAN, Esq., J.P.M.L.A.	Mayor Town Council
L.F.S. BURNHAM, Esq., Q.C.B.A., LLB, M.L.A. Rep.	do

I. GRANT, Esq.	Consulting Engineer (retired 30/6/63)
W.L. ANDREWS, Esq.	do (appointed his successor 1/11/63)

COMMISSIONERS' REPORT

FOR YEAR ENDING 31ST DECEMBER, 1963

Rainfall at Lama for year was as follows:-

	1963		1962	
	Ins.	Pts.	Ins.	Pts.
January	14	85	4	78
February	6	43	1	60
March	3	09	1	46
April	4	39	5	22
May	10	64	12	88
June	10	58	8	15
July	12	04	6	54
August	1	53	5	59
September	-	65	1	51
October	-	49	1	08
November	2	17	8	11
December	1	98	3	39
	<u>TOTAL</u>		<u>60</u>	<u>31</u>
	68	84		
Rain fell in January	24	days	11	days
February	11	"	8	"
March	12	"	7	"
April	9	"	8	"
May	19	"	18	"
June	20	"	18	"
July	20	"	21	"
August	5	"	11	"
September	4	"	5	"
October	2	"	3	"
November	8	"	8	"
December	13	"	12	"
	<u>TOTAL</u>		<u>130</u>	<u>days</u>
	147	days		

The highest water level at Lama was on Wednesday, 5th June	...	...	57.95 G.D.
The lowest water level at Lama was on Sunday, 27th October	...	...	52.00 G.D.
The water level at Lama on 31st December was	...	...	52.35 G.D.

COMMISSIONERS' HOUSES:

These are in good condition and will be painted in 1964.

SERVANTS AND LABOURERS' HOUSES:

These are in good condition and will be painted in 1964.

PUNTS:

Four punts are in good condition.

Two of the three punts used for punt-houses by the men working No. 1 Steam Dredge, No. 2 Diesel Dredge, and men cleaning canals have been repaired.

The other punt has been condemned due to being in a bad state of repair.

COMMISSIONERS' CHANGES:

Mr. L. Forbes resigned as Commissioner on 26th February, and was succeeded by Mr. P.A. Bender.

Mr. P.A. Bender resigned on 22nd July, and was succeeded by Mr. R. Rai.

Mr. H. Foster acted for Mr. J. McTurk from 22nd June to 22nd September.

COMMISSIONERS' LEAVE:

Mr. L.F.S. Burnham, Q.C.B.A.LLB. M.L.A., was granted leave from 26th February for one month.

two weeks leave from 25th August.

two " " " 7th September

two " " " 21st "

one month " " 13th October.

Mr. C.A. Merriman, J.P. M.L.A. was granted leave as from 14th August to 9th October.

Mr. J. McTurk was granted leave from 22nd June to 22nd September.

COMMISSIONERS' VISITS:

T.O. Tully, Esq., Chairman on the	...	...	...	3rd April	
				12th April	- 15th April
				10th July	- 12th July
				12th Oct.	- 14th Oct.
				2nd Nov.	
				31st Dec.	
R.A. Wilkins, Esq.	...	...	...	3rd April	
H. Foster, Esq.	...	...	...	31st August	- 1st Sept.
J. McTurk, Esq.	...	...	...	12th Oct.	- 14th Oct.
				31st Dec.	
W.A. Campbell, Esq.	...	...	...	22nd April	
				3rd June	
				22nd July	
				12th Oct.	- 14th Oct.
				11th Nov.	
G.B. Greenfield, Esq.	...	...	...	12th Oct.	- 13th Oct.
D. Howard, Esq.	...	...	...	12th Oct.	- 13th Oct.

BOATS:

The boats "Chairman" and "Arubia" are in good condition.

BOAT HOUSES:

At Botanical Gardens, Haulover and Lama are in good condition.

LAUNCH:

Launch "Sir Frederick" is in good condition and working well.

SPEED BOAT:

Speed boat "Pond Fly" is in good condition and working well

RADIOPHONE:

This is in good order and working satisfactorily.

LIGHTING PLANT:

This unit is in good condition and working well.

OUTBOARD MOTORS:

All four Archimedes, also motor Redwing are in working order.

FIRE BOATS:

Fire boat "H.R. Barnwell" with a Warsopp pump is stationed at Benab.

The D 34 Diesel Engine Warsop pump is stationed at Lama and is in working order.

TAKING IN WATER AND USE OF IRRIGATORS:

Due to the low level in the Conservancy it was necessary to take in water from the Lama and Maduni Creeks from the 23rd October.

Three irrigators from Enmore Estate and two from L.B.I. Estate started pumping water into the Conservancy from the Maduni Creek on the 23rd October, and two from Diamond Estate started pumping at Lama on the 27th October.

Pumping took place from the 23rd October to 31st December as follows:-

MADUNI SLUICE

23rd Oct. - 26th Oct.	4 days	5 pumps worked	23 hours each	460
27th Oct. - 2nd Nov.	7 "	5 "	" " " "	805
3rd Nov. - 9th Nov.	7 "	5 "	" " " "	805
10th Nov. - 16th Nov.	7 "	5 "	" " " "	805
17th Nov. - 23rd Nov.	7 "	5 "	" " " "	805
24th Nov. - 30th Nov.	7 "	5 "	" " " "	805
1st Dec. - 7th Dec.	7 "	5 "	" " " "	805
8th Dec. - 14th Dec.	7 "	5 "	" " " "	805
15th Dec. - 21st Dec.	7 "	5 "	" " " "	805
22nd Dec. - 28th Dec.	7 "	5 "	" " " "	805
29th Dec. - 31st Dec.	3 "	5 "	" " " "	345
70 days				8050

LAMA SLUICE

27th Oct. - 2nd Nov.	7 days	2 pumps worked	23 hours each	322
3rd Nov. - 9th Nov.	7 "	2 "	" " " "	322
10th Nov. - 16th Nov.	7 "	2 "	" " " "	322
17th Nov. - 23rd Nov.	7 "	2 "	" " " "	322
24th Nov. - 30th Nov.	7 "	2 "	" " " "	322
1st Dec. - 7th Dec.	7 "	2 "	" " " "	322
8th Dec. - 14th Dec.	7 "	2 "	" " " "	322
15th Dec. - 21st Dec.	7 "	2 "	" " " "	322
22nd Dec. - 28th Dec.	7 "	2 "	" " " "	322
29th Dec. - 31st Dec.	3 "	2 "	" " " "	138
66 days				3036

Pumping was still in progress at the end of December, 1963.

DAMS:

All dams are in fair condition. Low spots on the following dams were raised during the year:-

East Service Dam	1270 rods
Annadale Dam	230 "
Land-of-Canaan	
New Cut Dam	1090 "

LOCKS ON KOKERS:

All Proprietors' locks were removed from Intake Kokers on 20th September, and kokers were put on time run and were still on time run at the end of December.

HAULOVER:

This is in a fair condition.

LOCK BENAB:

This needs some repairs as the concrete wall on the northern side has sunken.

BADRIMA CREEK:

This was dug by the No. 2 Diesel Dredge during 1962 and was completed by digging another 1455 rods in 1963.

SLUICES:

Lama new and old sluices are in good condition and were tarred.
Maduni new and old sluices are in good condition and were tarred.
Paal-offs connected to these sluices are in a fair condition.
Land-of-Canaan new sluice was opened to relieve water on June 5th to 22nd, and July 10th to 22nd, and seems to be working well.
Land-of-Canaan sluices are in good condition.

PAAL-OFFS:

The following paal-offs are in good condition on both sides of the Memorial; behind the La Repentir Cemetery and Land-of-Canaan East and West of road sluices.

The paal-off in front of the labourers houses at Lama has been repaired.

DREDGES:

The No. 1 Steam Dredge worked at the East Service Annadale and clearing the Lama Creek of Islands. This was done by day work.

The No. 2 Diesel Dredge worked at Badrima Creek, Lama Creek taking out islands and Land-of-Canaan New Cut raising low spots on dam.

FOR DETAILS OF DREDGE WORK SEE BELOW:

Dredge work for the year:-

No. 1 Steam Dredge

	Days	Rods	Cords of Wood	Cost of Wood	Cost of Labour	Total Cost	Cost per Rod
East Service	53	1270		\$ 264.00	\$1,270.00		
Annadale	10 $\frac{1}{2}$	170		92.00	230.00		
		<u>1440</u>		<u>\$ 356.00</u>	<u>\$1,500.00</u>	<u>\$1,856.00</u>	<u>\$1.29</u>
Lama Creek	168 $\frac{1}{2}$		180	724.00	2,557.07	3,296.37	
Add:							
Transportation				<u>15.30</u>			
				<u>\$1,095.30</u>	<u>\$4,057.07</u>	<u>\$5,152.37</u>	

FUEL WOOD ACCOUNT

RECEIPTS:-

Stock on hand at 1st Jan. 1963	...	27 $\frac{1}{2}$ Cords	at \$6.00	...	...	\$	165.00
Cut during the year 1963	...	157 "	" " \$6.00	...	...		942.00
							<u> </u>
Total		184 $\frac{1}{2}$ Cords					\$1,107.00

DISPOSAL:-

Consumed during the year	...	180 Cords	at \$6.00	...	...	\$1,080.00
Stock on hand	...	4 $\frac{1}{2}$ "	" " \$6.00	...	...	27.00
						<u> </u>
Total		184 $\frac{1}{2}$ Cords				\$1,107.00

No. 2 Diesel Dredge

	Days	Rods	Fuel Used Glns.	Cost of Fuel	Cost of Labour	Total Cost	Cost per Rod
Badrima	273 $\frac{1}{2}$	2545	810	332.55			
Land-of-Canaan							
New Cut							
Lama Creek							
Add:							
Transportation				36.00			
				<u>\$368.55</u>	\$5,444.89	\$5,813.44	\$2.28

RECEIPTS:

Stock on hand 1st Jan. 1963	...	180 Glns. Fuel	...	\$	72.90
Purchased during the year	...	675 " "	...		278.10
					<u> </u>
		855 Glns.			\$351.00

DISPOSAL:

Consumed during the year	...	810 Glns. Fuel	...	\$332.55
Stock on hand 31st Dec. 1963	...	45 " "	...	18.45
				<u> </u>
		855 Glns		\$351.00

REMARKS:

Work which should have been done during the year had to be postponed owing to the difficulty in obtaining materials and fuel during the General Strike.

EXPENSE ACCOUNT:

MANAGEMENT:-

	Est'd 1963	Actual 1963
Secretary ...	\$2280.00	\$2375.00
Superintendent ...	4080.00	4250.00
Supt. Trav. Expenses	480.00	300.00
Asst. Superintendent	3240.00	3375.00
Consulting Engineer	900.00	600.00
" Engr. Trav. Expenses	75.00	37.50
Auditor ...	360.00	360.00
	<u>\$11415.00</u>	<u>\$11297.50</u>

COMMISSIONERS' HOUSES:-

Servants, etc. ...	\$2400.00	\$2437.50
Repairs & Painting ...	2000.00	1692.29
Upkeep of yards & paaloff	1500.00	2149.92
Sundries ...	500.00	557.50
	<u>\$6400.00</u>	<u>\$6837.21</u>

OFFICE EXPENSES:-

Clerical Assistant ...	\$ 300.00	\$ 312.50
Attendant ...	160.00	166.63
Telephone Rent ...	170.00	145.84
Printing Stationery	350.00	417.39
Stamps for Postage, Receipts, etc.	100.00	69.00
	<u>\$1080.00</u>	<u>\$1111.36</u>

REPAIRS & RENEWALS including

PAINTING:-

Labourers' Cottages	\$ 600.00	\$ 734.48
Land-of-Canaan Watch House	600.00	385.44
Boat House " "	400.00	430.80
Boat Houses ...	250.00	230.87
Haulover ...	200.00	57.12
Boats ...	1000.00	281.60
Iron Punts ...	2000.00	1670.54
Lock (Benab) ...	1000.00	5.60
	<u>\$6050.00</u>	<u>\$3796.45</u>

SLUICES:-

Lama ...	\$ 100.00	\$ 177.50
Madani ...	100.00	136.25
Benab ...	300.00	42.19
Land-of-Canaan ...	100.00	-
	<u>\$600.00</u>	<u>\$ 355.94</u>

NO. 1 DREDGE

Foundry Work & Spares	<u>\$2500.00</u>	<u>\$724.27</u>
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NO. 2 DREDGE

Foundry Work & Repairs	<u>\$1500.00</u>	<u>\$2726.49</u>
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MOTOR LAUNCHES:

Launch Crew ...	\$2000.00	\$2062.50
Repairs ...	600.00	361.21
Supplies ...	1000.00	574.46
Fuel ...	2000.00	2358.43
	<u>\$5600.00</u>	<u>\$5356.60</u>

MISCELLANEOUS EXPENSES:-

	Est'd 1963	Actual 1963
Rent of Crown Lands	\$ 500.00	\$ 580.20
Royalty on Wood	200.00	-
Commissioners Expenses	1000.00	631.60
Messengers	-	-
Medical Attendance & Medicines	650.00	361.75
Pension Scheme	4200.00	3865.02
Insurance	1500.00	494.14
Transporting Punts	100.00	7.70
Materials, Spars, Beams, etc.	300.00	106.00
Contingencies	2500.00	1584.91
Pensions	1920.00	1550.00
Interest on Loan	1000.00	647.39
	<u>\$13870.00</u>	<u>\$9828.71</u>

LAMAHA & EXTENSION CANALS:-

Cleaning Creeks & Canals	\$9000.00	\$7823.31
Repairing Dams	2000.00	2156.55
Foreman & Rangers	4500.00	4707.00
Extinguishing Fires	100.00	24.00
Gauges, Poles & Notice Boards	100.00	-
Priestman's Dredge Labour	800.00	1777.00
Fuel	200.00	241.09
Supplies	100.00	-
Repairs	-	-
Towing	-	-
Watchmen	100.00	258.00
Land-of-Canaan Relief Canal	2000.00	1550.82
Superintendence & Sundries	-	-
Land-of-Canaan Ranger	940.00	1201.70
Land-of-Canaan Road Sluice	100.00	318.00
	<u>\$19940.00</u>	<u>\$20057.47</u>

EAST SERVICE CANAL:-

Weeding Canals & Dams	\$2000.00	\$1906.23
Repairing Dams	500.00	411.00
Ranger	700.00	734.49
Extinguishing Fires	100.00	18.00
Priestman's Dredge Work	2000.00	1270.00
Fuel	1000.00	264.00
Supplies	300.00	59.85
Towing	-	99.70
Watchman	400.00	288.00
Repairs	200.00	225.60
Repairing Gauges, & Renewing Poles	100.00	-
	<u>\$7300.00</u>	<u>\$5276.87</u>

WEST SERVICE CANAL:-

	Est'd 1963	Actual 1963
Weeding Canals & Dams	\$1200.00	\$ 980.67
Repairing Dams	100.00	-
Extinguishing Fires	50.00	-
Ranger	780.00	800.00
Superintendent's Cut	400.00	446.85
Priestman's Dredge Work	-	-
do Fuel	-	-
do Supplies	-	-
do Repairs	-	-
do Towing	-	-
do Watchmen	-	-
Repairing Gauges, & Renewing Poles	100.00	-
	<u>\$2630.00</u>	<u>\$2227.52</u>

NORTH WING DAM:-

Weeding Canals & Dams	\$ 1900.00	\$1746.18
Repairing Dams	1000.00	1098.75
Ranger	1160.00	1206.25
Extinguishing Fires	100.00	164.00
Priestman's Dredge Work	1000.00	-
do Fuel	500.00	-
do Supplies	150.00	-
do Repairs	-	-
do Towing	-	-
do Watchmen	150.00	-
Repairing Gauges, & Renewing Poles	100.00	-
	<u>\$6050.00</u>	<u>\$4215.18</u>

SOUTH WING DAM:-

Weeding Canals & Dams	\$ 500.00	\$ 662.30
Repairing Dams	1000.00	1002.75
Extinguishing Fires	100.00	-
Ranger	520.00	537.50
Cleaning Maduni Creek	50.00	-
Priestman's Dredge Work	-	-
do Fuel	-	-
do Supplies	-	-
do Repairs	-	-
do Towing	-	-
do Watchmen	-	-
Repairing Gauges, & Renewing Poles	100.00	-
	<u>\$2270.00</u>	<u>\$2202.55</u>

ANNADALE WATERPATH:-

	Est'd 1963	Actual 1963
Weeding Canals & Dams	\$1500.00	\$1522.90
Repairing Dams	100.00	46.00
Ranger	840.00	875.00
Extinguishing Fires	-	-
Cleaning Anira Creek	400.00	309.00
Priestman's Dredge Work	1500.00	230.00
do Fuel	1000.00	92.00
do Supplies	500.00	-
do Repairs	100.00	-
do Towing	-	-
do Watchmen	400.00	33.00
Repairing Gauges & Renewing Poles	50.00	-
Cleaning Lama Creek	600.00	4874.92
	<u>\$6990.00</u>	<u>\$7982.82</u>

SHANKS CANAL:-

Cleaning Canals	\$2000.00	\$2156.30
Weeding & Repairing Dams	-	106.80
Ranger	800.00	884.00
Extinguishing Fires	400.00	12.00
	<u>\$3200.00</u>	<u>\$3159.10</u>

SUMMARY:-

Expense Account	\$49015.00	\$42034.53
Lamaha & Extension Canals	19940.00	20057.47
East Service Canals	7300.00	5276.87
West Service Canals	2630.00	2227.52
North Wing	6060.00	4215.18
South Wing	2270.00	2202.55
Annadale Waterpath	6990.00	7982.82
Shanks Canal	3200.00	3159.10
Opening & Closing Kokers	-	-
TOTAL	<u>\$97405.00</u>	<u>\$87156.04</u>

M.W. FRASER.

Superintendent.

EAST DEMERARA WATER CONSERVANCY

GENERAL MAINTENANCE

REVENUE ACCOUNT FOR YEAR ENDED 31ST DECEMBER, 1963

DR:

CR:

To: Expenditure on upkeep as per Analysed Statement	\$87,156.04	By: Assessment collected	\$97,405.00
" Balance being excess of Revenue over expenditure	<u>11,567.45</u>	Interest received	<u>1,318.49</u>
	\$98,723.49		\$98,723.49

LOAN OF \$40,000:- OBTAINED FROM BOOKERS SUGAR ESTATES LTD. AND DEMERARA CO. LTD.
AND APPROVED BY B.G. GOVERNMENT FOR THE PURCHASE OF A PRAESTMAN DREDGE (DRAGLINE)

To: Repaid to 31st December 1962	\$24,000.00	By: Cash received from:	
" Repaid during year 1963	<u>4,000.00</u>	Bookers Sugar Estates Ltd.	\$30,000.00
	\$28,000.00	Demerara Co.Ltd.	<u>10,000.00</u>
" Balance owing to:			\$40,000.00
Bookers Sugar		Less: Unexpended	
Estates Ltd.	4,469.78	amount repaid	<u>6,040.29</u>
Demerara Co.Ltd.	<u>1,489.93</u>	Cost of Dragline	\$33,959.71
	<u>5,959.71</u>		\$33,959.71
	\$33,959.71		\$33,959.71

BALANCE SHEET AS AT 31ST DECEMBER, 1963

LIABILITIES

ASSETS

Loan Creditors:		Priestman Dredge (Dragline)	\$33,959.71
Bookers Sugar		Stock of fuel:-	
Estates Ltd.	\$ 4,469.78	Oil	\$ 18.45
Demerara Co. Ltd.	<u>1,489.93</u>	Wood	<u>27.00</u> 45.45
	\$5,959.71	Drainage & Irrigation Board:	
Sundry Creditors	3,156.52	For sundry expenses incurred digging and clearing Badrima Creek	3,623.14
Depreciation Fund	28,000.00	Cash at Barclays Bank:	
REVENUE A/C		Current A/C	\$23,649.25
Balance at 31st December, 1962	\$13,793.87	Special A/C	<u>1,200.00</u> 24,849.25
Add: Surplus being excess for year 1963	<u>11,567.45</u>		<u>\$62,477.55</u>
	<u>25,361.32</u>		\$62,477.55
	\$62,477.55		\$62,477.55

NOTE: As pumping water from the Maduni Creek is still in progress, it cannot be stated what the cost will be, but subject to Government's approval it is proposed to appropriate the amount at credit of Revenue Account towards the cost.

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

D. HOWARD,
Secretary,

Georgetown, Demerara,
6th January, 1964.

EAST DEMERARA WATER CONSERVANCY BOARD.

AUDITOR'S REPORT

I have examined the above Balance Sheet dated 31st December, 1963 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.

ALEXANDER YHAP, } Auditor
Certified Accountant.

Demerara, B.G.
13th January, 1964