

EAST DEMERARA WATER CONSERVANCY BOARD

Georgetown, British Guiana

Commissioners:

- R.T. FINDLAY, Esq. Chairman - Conservancy
- T.O. TULLY, Esq. do do
- 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
- L. FORBES, 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

COMMISSIONERS' REPORT

FOR YEAR ENDING 31ST DECEMBER, 1962

Rainfall at Lama for the year was as follows:-

	1962		1961	
	Ins.	Pts.	Ins.	Pts.
January	4	78	5	10
February	1	60	2	07
March	1	46		63
April	5	22	-	-
May	12	88	4	10
June	8	15	13	93
July	6	54	11	86
August	5	59	8	74
September	1	51	3	43
October	1	08	1	49
November	8	11	5	77
December	3	39	6	34
TOTAL	60	31	63	46
	1962		1961	
Rain fell in January	11	days	15	days
February	8	"	12	"
March	7	"	5	"
April	8	"	-	-
May	18	"	13	"
June	18	"	21	"
July	21	"	13	"
August	11	"	15	"
September	5	"	6	"
October	3	"	3	"
November	8	"	12	"
December	12	"	15	"
TOTAL	130	days	130	days

The highest water level at Lama was on Sunday, 26th August 57.50 G.D.
 The lowest water level at Lama was on Friday, 13th April 51.55 G.D.
 The water level at Lama on 31st December was 54.50 G.D.

COMMISSIONERS' HOUSES:

These are in good condition

SERVANTS AND LABOURERS' HOUSES:

These houses are in good condition and were painted in June.

PUNTS:

Five punts are in good condition but will need tarring in 1963.
 The three punts for punt-houses used by the men working on No. 1 Steam Dredge No. 2 Diesel Dredge and men cleaning canals need repairing and will be given early attention in 1963.

COMMISSIONERS' CHANGES:

Mr. R.T. Findlay relinquished his post as Chairman on 30th April, due to his impending transfer to Berbice and Mr. T.O. Tully was appointed Chairman.

COMMISSIONERS' LEAVE:

R.A. Wilkins, Esq. was granted leave as from 15th March to 20th May.
 W.A. Campbell, Esq. " " " " " 17th March to 17th June.
 G. Strang, Esq. " " two months leave from 29th August to 29th October.
 L.F.S. Burnham, Esq., Q.C. was granted four weeks leave from 11th September.
 C.A. Merriman, Esq., J.P. " " six weeks leave from 17th October.

COMMISSIONERS' VISITS:

R.T. Findlay, Esq. Chairman on the	7th Jan. - 9th Jan.
T.O. Tully, Esq. "	28th Jan. - 29th Jan.
	19th June - 20th June
	9th July
	24th Aug.
	21st Nov.
	17th Dec. - 19th Dec.
W.A. Campbell, Esq.	20th Jan. - 21st Jan.
	9th July
	31st Aug.
	21st Nov.
	31st Dec. - 1st Jan.
	1963
G. Strang, Esq.	9th July
R.A. Wilkins, Esq.	9th July
	31st Aug.

BOATS:

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

BOAT HOUSES:

Botanical Gardens, Haulover and Lama are in good condition.

LAUNCH:

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

SPEED BOAT:

A new speed boat "Pond Fly" was built and fitted with a 40 H.P. Johnson outboard engine.

RADIOPHONE:

A new radiophone was installed at Lama during June and is working very satisfactorily.

LIGHTING PLANT:

This unit is in good condition and working satisfactorily.

OUTBOARD MOTORS:

All four Archimedes are in good condition also Motor Redwing.

FIRE BOATS:

Fire boat "H.R. Barnwell" with a Warsop 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 water level in the Conservancy it was necessary to take in water from the Lama and Maduni Sluices from 22nd February.

Three irrigators from Enmore Estate started pumping water into the Conservancy from the Maduni Creek on 22nd February. Two more sent by L.B.I. Estate started pumping at Lama on 24th February, and one from Diamond Estate started pumping at Maduni on 1st March. Due to salt water at Lama the two pumps from L.B.I. were sent up to Maduni on 22nd April.

Pumping took place from 22nd February to 22nd May as follows:-

MADUNI SLUICE

22nd Feb. - 28th Feb.	7 days	3 pumps	worked	23 hours	each.	483
1st Mar. - 3rd Mar.	3 "	4 "	"	"	"	276
4th Mar. - 10th Mar.	7 "	4 "	"	"	"	644
11th Mar. - 13th Mar.	3 "	4 "	"	"	"	276
14th Mar. - 15th Mar.	2 "	3 "	"	"	"	138
16th Mar. - 17th Mar.	2 "	4 "	"	"	"	184
18th Mar. - 24th Mar.	7 "	4 "	"	"	"	644
25th Mar. - 31st Mar.	7 "	4 "	"	"	"	644
1st Apr. - 7th Apr.	7 "	4 "	"	"	"	644
8th Apr. - 14th Apr.	7 "	4 "	"	"	"	644
15th Apr. - 17th Apr.	3 "	4 "	"	"	"	276
18th Apr. - 21st Apr.	4 "	4 "	"	"	"	368
22nd Apr. - 28th Apr.	7 "	6 "	"	"	"	966
29th Apr. - 5th May	7 "	6 "	"	"	"	966
6th May - 12th May	7 "	6 "	"	"	"	966
13th May - 19th May	7 "	6 "	"	"	"	966
20th May - 22nd May	3 "	6 "	"	"	"	414
90 days						9499

LAMA SLUICE

24th Feb. - 3rd Mar.	8 days	2 pumps	worked	23 hours	each	368
4th Mar. - 10th Mar.	7 "	2 "	"	"	"	322
11th Mar. - 17th Mar.	7 "	2 "	"	"	"	322
18th Mar. - 24th Mar.	7 "	2 "	"	"	"	322
25th Mar. - 31st Mar.	7 "	2 "	"	"	"	322
1st Apr. - 7th Apr.	7 "	2 "	"	"	"	322
8th Apr. - 14th Apr.	7 "	2 "	"	"	"	322
15th Apr. - 17th Apr.	3 "	2 "	"	"	"	138
53 days						2438

Following cessation of pumping on the 22nd May, the pumps were dismantled and returned to their respective owners.

DAMS:

All dams are in fair condition. On the north wing dam 1165 rods have been built up. On the East Service low spots have been raised.

LOCKS ON KOKERS:

All Proprietors' locks were removed from Intake Kokers on 29th May. All Kokers were put on time run as from 27th October and were still on time run at end of December.

HAULOVER:

This is in fair condition; the cradle having been condemned and replaced.

LOCK BENAB:

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

NEW SHANKS CANAL:

466½ rods on the eastern dam from the East Service have been made up by digging the canal. The canal was also dug and widened from Bee Hive intake to Unity intake a distance of 800 rods.

LALUNI CREEK:

This was dug by the No. 2 Diesel Dredge during 1961 and was completed by digging another 489 rods during 1962,

SLUICES:

Lama new and old sluices are in good condition.
 Maduni new and old sluices are in good condition.
 Paal-offs connected to these sluices are in fair condition.
 Land-of-Canaan sluices are in good condition.

PAAL-OFFS:

The following paal-offs are in good condition: On both sides of 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 needs repairing.

DREDGES:

The No. 1 Steam Dredge worked at East Service.
 The No. 2 Diesel Dredge worked at Badrima Creek and work will be resumed there in 1963.

DRAINAGE & IRRIGATION BOARD DREDGES:

Two dredges borrowed from the Government dug the new connection from Badrima to the Conservancy Dam for the new flood relief scheme and Land-of-Canaan. Digging of the trench from the Conservancy Dam to the Public Road for this scheme was completed by the Government department concerned and the sluice should be completed early in 1963.

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 } North Wing }	207	4323½	171½	\$1108.50			.7
Add: Transportation				17.50			
				\$1126.00	\$4371.10	\$5497.10	\$1.27

FUEL WOOD ACCOUNT

RECEIPTS:-

Stock on hand at 1st Jan, 1962	...	35 Cords	at \$7.00	...	...	\$ 245.00
" " " " 1st Jan, 1962	...	4 "	" 10.00	...	...	40.00
Cut during the year 1962	...	34 "	" 7.50	...	...	255.00
" " " " "	...	104 $\frac{3}{4}$ "	" 6.00	...	...	628.50
" " " " "	...	21 "	" 5.00	...	...	105.00
Total						198 $\frac{3}{4}$ Cords	\$1273.50

DISPOSAL:-

Consumed during the year	...	35 Cords	at \$7.00	...	...	\$ 245.00
	...	4 "	" 10.00	...	...	40.00
	...	34 "	" 7.50	...	...	255.00
	...	21 "	" 5.00	...	...	105.00
	...	77 $\frac{1}{2}$ "	" 6.00	...	...	463.50
Stock on Hand	...	27 $\frac{1}{2}$ "	" 6.00	...	...	165.00
Total						198 $\frac{3}{4}$ Cords	\$1273.50

No. 2 Diesel Dredge

	Days	Rods	Fuel Used Glns.	Cost of Fuel	Cost of Labour	Total Cost	Cost per Rod					
Laluni Creek } Annadale } Badrima Creek }	290	2635	1180	477.90								
Add: Transportation									14.25			
									\$492.15	\$4961.30	\$5453.45	\$2.07

RECEIPTS:

On Hand at 1st Jan, 1962	...	1360 Glns. Fuel	...	\$550.80
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DISPOSAL:

Consumed during the year	...	1180 Glns. Fuel	...	\$477.90
Stock on Hand 31st Dec. 1962	...	180 " "	...	72.90
		1360 Glns.		\$550.80

EXPENSE ACCOUNT:

MANAGEMENT:-

	Est'd. 1962	Actual 1962
Secretary	\$2160.00	\$2250.00
Superintendent ...	3840.00	4185.00
Supt. Trav. Expenses	480.00	477.86
Asst. Superintendent	3120.00	3250.00
Consulting Engineer	900.00	900.00
" Eng. Trav. Expenses	75.00	112.50
Auditor ...	360.00	360.00
	<u>\$10935.00</u>	<u>\$11535.36</u>

COMMISSIONERS' HOUSES:-

	Est'd.	Actual
Servants, etc. ...	\$2436.00	\$2442.86
Repairs & Painting ...	2500.00	1808.26
Upkeep of yards & paaloff	1000.00	963.42
Sundries ...	--	32.50
	<u>\$5936.00</u>	<u>\$5247.04</u>

OFFICE EXPENSES:-

	Est'd.	Actual
Clerical Assistant ...	\$ 250.00	\$ 250.42
Attendant ...	160.00	166.67
Telephone Rent ...	120.00	119.96
Printing Stationery	350.00	281.64
Stamps for Postage, Receipts, etc.	40.00	64.00
	<u>\$920.00</u>	<u>\$882.69</u>

REPAIRS & RENEWALS including

	Est'd.	Actual
PAINTING:-		
Labourers' Cottages	\$ 600.00	\$ 521.55
Annadale Watch House	500.00	558.38
Cane Grove " "	-	-
Boat Houses ...	250.00	648.70
Haulover ...	150.00	126.26
Boats ...	2100.00	2447.77
Iron Punts ...	-	-
Lock (Benab) ...	1000.00	-
	<u>\$4600.00</u>	<u>\$4302.66</u>

SLUICES:-

	Est'd.	Actual
Lama ...	\$ 100.00	\$ 117.00
Maduni ...	100.00	96.00
Benab ...	300.00	46.00
Land-of-Canaan ...	100.00	102.00
	<u>\$600.00</u>	<u>\$361.00</u>

NO. 1 DREDGE

Foundry Work & Spares	\$2500.00	\$992.64
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NO. 2 DREDGE

Foundry Work & Spares	\$1500.00	\$1545.55
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MOTOR LAUNCHES:-

Launch Crew ...	\$2000.00	\$2000.00
Repairs ...	300.00	168.04
Supplies ...	350.00	791.41
Fuel ...	1100.00	2167.89
	<u>\$3750.00</u>	<u>\$5127.34</u>

MISCELLANEOUS EXPENSES:-

	Est'd. 1962	Actual 1962
Rent of Crown Lands	\$ 500.00	\$ 523.62
Royalty of Wood	200.00	-
Commissioners Expenses	700.00	608.62
Messengers	-	-
Medical Attendance & Medicines	600.00	318.34
Pension Scheme	4200.00	3351.53
Insurance	1325.00	1161.70
Transporting Punts	100.00	32.50
Materials, Spars, Beams, etc.	300.00	38.00
Contingencies	2000.00	3332.17
Pensions	1800.00	1682.00
Interest on Loan	1000.00	907.38
	<u>\$12725.00</u>	<u>\$11955.86</u>

LAMAHA & EXTENSION CANALS

Cleaning Creeks & Canals	\$9000.00	\$8742.50
Repairing Dams	3000.00	421.60
Foreman & Watchmen	3500.00	4593.50
Extinguishing Fires	100.00	6.00
Gauges, Poles & Notice Boards	100.00	60.00
Priestman's Dredge	-	-
do Labour	-	2187.30
do Fuel	-	374.62
do Supplies	-	44.35
do Repairs	-	-
do Towing	-	63.60
do Watchmen	-	144.00
Land-of-Canaan Relief Canal	1500.00	1273.07
Superintendence & Sundries	100.00	-
Land-of-Canaan Ranger	750.00	954.00
do Road Sluice	100.00	39.00
	<u>\$18150.00</u>	<u>\$18903.54</u>

EAST SERVICE CANAL:-

Weed Canals & Dams	\$2000.00	\$1962.66
Repairing Dams	600.00	414.00
Ranger	800.00	661.75
Extinguishing Fires	100.00	12.00
Priestman's Dredge Work	1500.00	1745.00
do Fuel	1000.00	365.00
do Supplies	500.00	48.15
do Towing	-	26.90
do Watchmen	400.00	192.00
do Repairs	200.00	582.20
Repairing Dams & Renewing Poles	100.00	62.10
	<u>\$7200.00</u>	<u>\$6071.76</u>

WEST SERVICE CANAL:-

	Est'd. 1962	Actual 1962
Weed Canals & Dams	\$1200.00	\$1105.89
Repairing Dams	100.00	44.00
Extinguishing Fires	50.00	-
Ranger	750.00	832.00
Superintendent's Cut	300.00	296.85
Priestman's Dredge Work	-	-
do Fuel	-	-
do Supplies	-	-
do Repairs	-	-
do Towing	-	-
do Watchmen	-	-
Repairing Gauges & Renewing Poles	100.00	90.00
	<u>\$2500.00</u>	<u>\$2368.74</u>

NORTH WING DAM:-

Weeding Canals & Dams	\$1600.00	\$1282.80
Repairing Dams	1500.00	971.29
Ranger	500.00	918.75
Extinguishing Fires	100.00	3.00
Priestman's Dredge Work	500.00	2626.10
do Fuel	150.00	761.00
do Supplies	150.00	25.66
do Repairs	-	55.40
do Towing	-	-
do Watchmen	100.00	126.00
Repairing Gauges & Renewing Poles	100.00	14.35
	<u>\$4700.00</u>	<u>\$6784.35</u>

SOUTH WING DAM:-

Weeding Canals & Dams	\$ 400.00	\$ 216.00
Repairing Dams	1500.00	1513.46
Extinguishing Fires	100.00	-
Ranger	1000.00	691.50
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>\$3150.00</u>	<u>\$2420.96</u>

ANNADALE WATERPATH:-

	Est'd. 1962	Actual 1962
Weeding Canals & Dams	\$ 1000.00	\$ 997.04
Repairing Dams	100.00	-
Ranger	700.00	788.50
Extinguishing Fires	-	-
Cleaning Anira Creek	300.00	226.60
Priestman's Dredge Work	-	805.00
do Fuel	-	117.53
do Supplies	-	-
do Repairs	-	-
do Towing	-	30.60
do Watchmen	-	36.00
Repairing Gauges & Renewing Poles	50.00	-
Cleaning Lama Creek	400.00	424.50
	<u>\$2550.00</u>	<u>\$3425.77</u>

SHANKS CANAL:-

Weeding Canals & Dams	\$3000.00	\$2904.22
Repairing Dams	2000.00	1809.42
Ranger	750.00	881.00
Sundries	1000.00	250.00
Diesel Dredge		
Labour	3800.00	9246.00
Fuel	1000.00	
Supplies	1000.00	
Repairs	1000.00	
Towing	1000.00	
Watchmen	500.00	
Repairs to Paaloff	500.00	250.00
	<u>\$15550.00</u>	<u>\$15340.64</u>

SUMMARY:-

Expense Account	\$43466.00	\$41950.14
Lamaha & Extension Canals	18150.00	18903.54
East Service Canals	7200.00	6071.76
West Service Canals	2500.00	2368.74
North Wing	4700.00	6784.35
South Wing	3150.00	2420.96
Annadale Waterpath	2550.00	3425.77
Shanks Canal	15550.00	15340.64
Opening & Closing Kokers	-	-
TOTAL	<u>\$97266.00</u>	<u>\$97265.90</u>

M.W. FRASER.

Superintendent.

EAST DEMERARA WATER CONSERVANCY

GENERAL MAINTENANCE

REVENUE ACCOUNT FOR YEAR ENDED 31ST DECEMBER, 1962

DR:		CR:	
To: Expenditure on upkeep as per Analysed Statement	\$97,265.90	By: Assessments collected	\$97,266.00
" Balance being excess of Revenue over expenditure	<u>1,197.51</u>	Interest received	1,197.41
	<u>\$98,463.41</u>		<u>\$98,463.41</u>

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 PRIESTMAN DREDGE (DRAGLINE)

To: Repaid to 31st December, 1961	\$20,000.00	By: Cash received from:	
" " during year 1962	<u>4,000.00</u>	Bookers Sugar	
	\$24,000.00	Estates Ltd.	\$30,000.00
" Balance owing to:		Demerara Co. Ltd.	<u>10,000.00</u>
Bookers Sugar			\$40,000.00
Estates Ltd.	\$ 7,469.78	Less: Unexpended	
Demerara Co. Ltd.	<u>2,489.93</u>	amount repaid	<u>6,040.29</u>
	<u>9,959.71</u>	Cost of dragline	\$33,959.71
	<u>\$33,959.71</u>		<u>\$33,959.71</u>

BALANCE SHEET AS AT 31ST DECEMBER, 1962

LIABILITIES

ASSETS

Loan Creditors:		Priestman Dredge (Dragline)	\$33,959.71
Bookers Sugar		Stock of Fuel:-	
Estates Ltd.	\$ 7,469.78	Oil	\$ 72.90
Demerara Co. Ltd.	<u>2,489.93</u>	Wood	<u>165.00</u>
	\$ 9,959.71		237.90
Sundry Creditors	453.45	Recoverable expenditure for pumping and supplying water during drought in year 1962	18,490.03
Amounts due for expenditure re drought of year 1962 to the following:-		Drainage & Irrigation Board:	
Enmore Ests. Ltd.	\$12,520.73	For sundry expenses incurred digging and clearing Badrima Creek	2,301.22
Ressouvenir Ests. Ltd.	3,552.32	Transporting fuel for dragline	<u>188.38</u>
Demerara Co. Ltd.	<u>2,416.98</u>		2,489.60
Depreciation Fund	24,000.00	Cash at Barclays Bank:	
REVENUE A/C		Current A/C	10,319.82
Balance at 31st December, 1961	\$12,596.36	Special A/C	<u>1,200.00</u>
Add: Surplus being excess for year 1962	<u>1,197.51</u>		<u>11,519.82</u>
	<u>13,793.87</u>		<u>\$66,697.06</u>
	<u>\$66,697.06</u>		

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

Georgetown, Demerara,
5th January, 1963.

D. HOWARD,
Secretary,

EAST DEMERARA WATER CONSERVANCY BOARD.

AUDITOR'S REPORT

I have examined the above Balance Sheet dated 31st December, 1962 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, 1963

ALEXANDER YHAP,
Certified Accountant, Auditor.