



British Guiana.

1963

DEVELOPMENT ESTIMATES

AS PRESENTED TO THE

LEGISLATIVE ASSEMBLY

*Printed at the
Government Printing & Stationery Office
Georgetown, British Guiana.*

(C.G.P. & S. 1353/82)

553

ABSTRACT OF REVENUE

Head No.	Source of Funds	Estimate 1963
1.	Colonial Development & Welfare Assistance	4,500,000
2.	Other Sources - Loans, Revenue Contribution, etc.	21,039,015
TOTAL		25,539,015

ABSTRACT OF THE ESTIMATES OF DEVELOPMENT EXPENDITURE 1963.

Head No.	Head of Estimate	Total Expenditure 1954 - 1959	Alloca- tion 1960- 1964	Expendi- ture 1960	Expendi- ture 1961	Estimate 1962		Estimate 1963
						Approved	Revised	
		\$	\$	\$	\$	\$	\$	\$
I.	Agriculture	4,589,099	4,874,720	671,782	1,010,383	1,230,217	639,849	1,035,115
II.	Civil Aviation	282,083	1,202,844	39,008	105,943	339,000	101,000	433,992
III.	Drainage & Irrigation	25,605,309	28,359,385	5,079,171	5,070,009	8,013,783	5,514,401	6,272,000
IV.	Education	1,783,400	4,100,000	398,386	723,059	1,744,231	1,532,389	886,000
V.	Industry & Credits	10,007,624	13,000,000	717,866	2,876,654	2,000,000	486,000	4,970,000
VI.	Geological Surveys	1,730,353	2,510,000	560,605	455,866	550,338	546,000	665,000
VII.	Health	772,975	1,951,292	322,099	408,006	444,605	303,800	437,360
VIII.	Housing	15,595,414	5,000,000	582,373	843,397	1,938,794	1,061,623	1,417,368
IX.	Lands and Mines	838,306	800,000	167,103	109,633	160,000	60,000	160,000
X.	Land Development	2,774,151	4,349,474	377,645	375,849	1,029,000	287,000	981,968
XI.	Post Office	7,632,956	2,700,000	1,029,328	383,079	300,000	256,000	585,000
XII.	Public Works	16,568,333	27,616,730	3,933,137	6,890,603	8,322,968	5,427,647	4,668,089
XIII.	Transport & Harbours	10,663,454	8,111,270	1,525,055	1,328,023	3,048,106	1,239,106	2,023,680
XIV.	Miscellaneous	3,084,037	246,285	73,795	93,878	33,136	8,500	29,500
XV.	Rural Self Help	421,432	500,000	65,285	76,043	100,000	75,000	100,000
XVI.	Social Welfare	68,659	750,000	8,612	91,710	105,000	22,600	231,000
XVII.	Local Government	178,667	500,000	38,122	36,936	100,000	53,000	234,000
XVIII.	Amerindian Development	81,575	508,000	92,527	131,334	178,088	120,088	78,843
XIX.	Tourism	-	225,000	4,111	20,763	100,000	48,000	50,000
XX.	Electricity Development	481,330	2,650,000	102,715	628,586	1,800,600	1,000,000	
XXI.	Forests	632,779	550,000	12,142	-	80,100	20,100	80,100
XXII.	Army	-	-	-	-	-	-	200,000
TOTAL		103,791,936	110,505,000	15,800,866	21,659,752	31,617,966	18,802,103	25,539,015

HEAD I. - AGRICULTURE
DETAILS OF EXPENDITURE

SCHEME	Actual Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Cocoa Development	313,141	(a) 626,232	106,398	123,922	80,258		139,659	139,659
2. St. Ignatius Livestock Station	385,377	502,000	77,602	66,511	35,385		50,709	50,709
3. Epini Livestock Station	313,778	450,000	68,637	92,000	70,839		161,004	161,004
4. Staff Training	146,013	125,000 ^(b)	47,082	43,644	20,000		15,210	15,210
5. Joint Soil Survey Project (United Nations Special Fund & Scheme R1229/D4622)		850,720 ^(b)	3,315	158,632	217,114	110,876	117,801	228,677
Soil Surveys (Soil and Land Use Survey)	309,017	-	101,767	47,227				
6. Rice Development		(a) 260,000	60,618	29,735	5,000		30,000	30,000
7. Coconut Industry (including Coir manufacture)	45,185	200,000 ^(c)	41,251	30,476	25,500		68,000	68,000
8. Dairy Industry	-	40,000 ^(c)	-	911	1,000		3,000	3,000
9. Fisheries	261,773	135,000	54,840	30,588	6,900		24,000	24,000
10. Training Centre, Mon Repos		180,000	206	-	1,500		140,510	140,510
11. Additional Staff		352,000	4,840	15,842	10,915		56,786	56,786
12. Bonuses to Producers		210,300	4,665	31,123	40,000		60,000	60,000
13. Central Agricultural Station	1,115,683	190,000	26,592	53,525	9,700		36,000	36,000
14. Biological Research Institute							10,000	10,000
15. Hosororo Experiment Station	45,763	140,000	34,963	18,635	6,614		11,560	11,560
Agric. Laboratories (C.A.S.)		347,468	7,318	268,025	72,124			
Beef Industry		118,000	33,020		37,000			
Produce Depot	60,458	148,000	4,162					
Other Expenditure	1,592,911		5,494 ^{Cr.}	4,413 ^{Cr.}				
TOTAL	4,589,099	4,874,720	671,782	1,010,383	639,849	110,876	924,239	1,035,115

NOTES

- (a) \$60,000 has been transferred from 'Cocoa Development' to 'Rice Development'.
 (b) \$100,000 has been transferred from 'Staff Training' to 'Soil Surveys'.
 (c) \$60,000 has been transferred from 'Dairy Industry' to 'Coconut Industry'.

533

HEAD I AGRICULTURE
Sub-head 1: Cocoa Development.

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) Propagators, Clerks and Drivers	12,630	14,500	12,159		2,341
Total Personal Emoluments	12,630	14,500	12,159		2,341
Other Charges					
2. Wages	42,584	45,000	52,000	7,000	
3. Planting materials, equipment and pest control	10,454	21,500	25,300	3,800	
4. Transport, Travelling and Subsistence	4,094	6,000	5,900		100
5. Maintenance of vehicles, Buildings and Equipment	3,954	9,000	12,400	3,400	
6. Contingencies	1,321	4,000	3,900		100
Total Other Charges	62,407	85,500	99,500	14,000	
Capital					
7. Erection of Glass Houses and Bins	31,228	43,000	12,000		31,000
8. Water Supply and Spray Test	6,024	1,000	3,000	2,000	
9. Storeroom	3,925	1,500	-		1,500
10. Establishment of New Nurseries	4,980	5,000	6,500	1,500	
11. Contingencies	-	2,500	1,000	1,500	1,500
12. Purchase of Vehicle	5,615	-	5,500	5,500	
Total Capital	51,772	53,000	28,000		25,000
Total	126,809	153,000	-		-
Credit Sale of Produce	(Cr.) 2,887				
TOTAL	123,922	153,000	139,659		13,341

NOTES

- 2, 3, 8 & 10. Increases due to extension of programme.
5. Increase in maintenance of farm buildings and shed and to purchase one Tractor with trailer.
7. Increase to provide for establishment of Fermentories at C.H.S. Atkinson and at N.W.D.
12. To provide for purchase of one Land Rover in place of vehicle now in use; the latter being most uneconomical to maintain.

HEAD I - AGRICULTURE

Sub-head 2: St. Ignatius Livestock and Agricultural Station.

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
1. Personal Emoluments					
(a) Agricultural Officer		5,400	5,640	240	
(b) Veterinary Officer		6,720	-		6,720
(c) Farm Manager	21,195	3,840	-		3,840
(d) Other Staff		8,328	4,000		4,328
(e) Station Allowance		3,120	1,800		1,320
(f) Gratuity		1,125	1,269	144	
Total Personal Emoluments	21,195	28,533	12,709		15,824
Other Charges					
2. Wages	11,950	17,000	10,000		7,000
3. Station Supplies, Mineral Supplements, Feeds	10,358	12,000	5,000		7,000
4. Fertilizers and Seeds	4,879	12,000	6,000		6,000
5. Maintenance and running of vehicles	6,946	10,000	8,000		2,000
6. Transport and Travelling	1,394	2,000	1,000		1,000
7. Contingencies	1,335	1,500	1,000		500
8. Passages	833	2,500	-		2,500
Total Other Charges	37,695	57,000	31,000		26,000
Capital					
9. House, Furniture and Equipment	7,262	4,000	6,500	2,500	
10. Fencing	1,172	2,000	500		1,500
11. Purchase of Livestock		49,500			49,500
12. Contingencies	519	1,000	-		1,000
Total Capital	8,953	56,500	7,000		49,500
Total	67,843	142,033	50,709		91,324
Credit Sale of Produce	1,332				
	66,511	142,033	50,709		91,324

NOTES

9 - To provide for the purchase of irrigation pumps, laboratory equipment and Windmill pumps for irrigating pastures in long dry season.

HEAD I AGRICULTURE
Sub-head: 3: Ebini Livestock Station

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) Research Officer)		8,820	9,060	240	
(i) Salary and Allowance)		2,050	2,100	50	
(ii) Superannuation)	18,646	4,008	4,560	552	
(b) Farm Manager)		2,741	2,664		77
(c) Grade I Field Assistant)		720	720		
(d) Station Allowance)					
Total Personal Emoluments	18,646	18,339	19,104	765	
Other Charges					
2. Wages	24,617	32,000	35,000	3,000	
3. Station Supplies	5,049	7,000	8,000	1,000	
4. Mineral Supp. and Feeds etc.	5,501	4,500	7,000	2,500	
5. Fertilizers & Seeds	18,914	35,000	30,000		5,000
6. Maintenance and running of tractors	4,505	6,000	8,000	2,000	
7. Transport Travelling and Subsistence	2,266	3,000	3,000		
8. Contingencies	132	1,000	2,000	1,000	
9. Passages	600		2,500	2,500	
10. Repairs and Maintenance of Farm Buildings			10,000	10,000	
	61,584	88,500	105,500	17,000	
Capital					
11. Electricity and Water Supply	16,045	5,500	15,000	9,500	
Radio Communication	2,807				
12. Equipment	199	15,500	21,400	5,900	
Contingencies	42	1,000			1,000
Total Capital	19,093	22,000	36,400	14,400	
Sale of Produce	7,323 Cr.				
TOTAL	92,000	128,839	161,004	32,165	

NOTES

2,3,4,5, 6 and 8. Work at Ebini was curtailed in 1962 due to late approval of estimates. Increase to cater for full programme and intensification of work to be carried out.

10. Repairs to labourers huts and farm buildings.

11. Increased cost of replacement to equipment now due for overhaul.

12. Revote to provide for the purchase of the following equipment -

1 Heavy wheeled tractor and blade	\$ 8,000	
1 Ferguson Tractor and Trailer	5,500	
1 Disc Harrow	600	
1 Land Plane	2,500	
1 Fertilizer distributor	1,200	
1 Mower	2,000	
Arc Welding Equipment	1,200	
1 Water Pump (electric)	400	\$21,400

558

HEAD I - AGRICULTURE

Sub-head 4: Staff Training.

(D 4623)

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Administrative Charges	22,059	26,250	7,000		19,250
2. Maintenance Charges	11,766	14,000	3,500		10,500
3. Allowances	6,205	9,100	2,500		6,600
4. Dependents Allowances	938	2,068	1,260		808
5. Passages	2,356	2,550	700		1,850
6. Contingencies	320	3,270	250		3,020
	43,644	57,238	15,210		42,028

NOTES

Increase in cost of student to \$3,000 per annum but provision only included for half academic year in view of Government's decision to withdraw from participation in the E.C.F.I. after the end of the present academic school year.

559

HEAD 1 - AGRICULTURE

Sub-head 5 - Joint United Nations Special Fund & C.D. & W. Scheme (R1229/D4622)

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
1. Personal Emoluments					
(a) Co-Manager (Chemist, Recurrent Estimate)					
(b) Soil Chemist		6,720	6,720		
(c) Soil Survey Officer (Soil Surveyor Recurrent Estimates)					
(d) Senior Technical Asst.		3,840	4,548	708	
(e) (i) 8 Soil Survey Assts.) (ii) 2 Soil Management Assts.) (iii) 4 Soil Lab. Assts.)		20,300	20,000		300
(f) Cartographer		3,128	3,528	400	
(g) 2 Draughtsmen		4,000	4,000		
(h) (i) 6 Vehicle Drivers) (ii) 1 Mechanic)	106,527	5,000	5,300	300	
(i) Labourers wages		110,000	87,000		23,000
(j) Administrative Officer		4,512	4,448		64
(k) Accountant		2,800	2,700		100
(l) Clerk		1,052	1,062	10	10
(m) Secretary		2,800	2,800		
(n) Stenotypist		1,877	1,800		77
(o) Storekeeper		2,292	2,556	264	
(p) (Allowances to local counterpart personnel)		18,000	18,000		
Total Personal Emoluments	106,527	186,321	164,462		21,859
2. Laboratory Supplies	1,039	2,000	2,000		
3. Medical Supplies	487	801	800		1
4. Stationery & Office Supplies	1,396	2,000	2,400	400	
5. Maintenance and Operation of Vehicles - Boats and other equipment	8,189	25,000	19,811		5,189
6. Aerial Photographs and Base Maps	1,111	5,000	500		4,500
7. Transport & Travelling including Hire of Aircrafts & Helicopter	1,240	9,000	6,000		3,000
8. Miscellaneous	10,488	10,000	10,000		
9. Cont. towards the cost of Spec. Staff in accordance with U.N. Special Fund Rules	28,155	32,405	22,704		9,701
Total Other Charges	52,105	86,206	64,215		21,991
TOTAL	158,632	272,527	228,677		43,850

NOTES

To continue the Programme of Work in accordance with the Plan of Operation agreed upon by this Government with the U.N. Soil Survey.

560

HEAD I - AGRICULTURE
Sub-head 10: Training Centre Mon Repos.

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) Principal F 13)			8,400	8,400	
(b) 2 Masters A 3)			9,120	9,120	
(c) 2 Assistant Masters A 8)			7,000	7,000	
(d) Agricultural Assistant A 8)		3,408			3,408
Total Personal Emoluments		3,408	24,520	21,112	
Other Charges					
2. Wages of other Staff		1,000	6,110	5,110	
3. Transport and Travelling		600	2,400	1,800	
4. Allowances to Trainees			6,080	6,080	
5. Books and Educational Supplies			2,000	2,000	
6. Furniture, Equipment & Materials			5,000	5,000	
7. Maintenance of Students			8,400	8,400	
Total Other Charges		1,600	29,990	28,390	
Capital					
8. Buildings		20,000	84,999	64,999	
9. Equipment		14,000	1		13,999
10. Contingencies		1,500	1,000		500
Total Capital		35,500	85,999	50,499	
TOTAL		40,508	140,509	100,001	

NOTES

The Agricultural Farm School will be opened in 1963 in temporary premises with 12 trainees.

8. Estimated cost of new building.

561

HEAD I - AGRICULTURE

Sub-head 11 : Additional Staff

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) 1 Assistant Director		7,200	8,400	1,200	
(b) 1 Agricultural Assistant		1,704	3,870	2,166	
(c) 8 Field Assistants		6,000	12,516	6,516	
2 Clerical Assistants		1,272			1,272
Total, Personal Emoluments	7,349	16,176	24,786	8,610	
Other Charges					
2. Transport, Travelling & Subsistence	95	2,000	2,500	500	
Capital					
3. Housing	12,398	64,000	24,000		40,000
4. Offices and Storerooms		20,500	5,000		15,500
5. Miscellaneous and Contingencies		500	500		
Total Capital	12,398	85,000	29,500		55,500
TOTAL	19,842	103,176	56,786		46,390

NOTES

The estimated cost of this project is reduced by \$48,000 to enable the contribution of this Government to the U.N. Caribbean Fisheries Project to be met. The reduction of \$48,000 is entirely capital works.

3: To provide for construction of two houses for Agricultural Field Assistant - Barbice also an Agricultural Assistant No. 63, Corentyne, Barbice.

4: To provide for construction of offices storeroom, Tapakuma Area.

564

HEAD I - AGRICULTURE
 Sub-head15: Hosororo Experimental Station.

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) Agricultural Officer)		4,308	6,119	1,811	
(b) Gratuity)	2,839	-	1	1	
(c) Station Allowance)		240	240		
Total Personal Emoluments	2,839	4,548	6,360	1,812	
Other Charges					
2. Transport, Travelling and Subsistence	37	300	100		200
Passages	718				
Supplies		2,500			2,500
3. Contingencies		500	100		400
Total Other Charges	755	3,300	200		3,100
Capital					
4. Clearing Land & Crop Establishment	4,116	3,000	5,000	2,000	
5. Fencing		500			500
Electricity & Water Supply	13,052	-	-		
Buildings	123				
Total Capital	17,291	3,500	5,000	1,500	
delete					
Credit Sale of Produce	2,250				
NET TOTAL	18,635	11,348	11,560	212	

NOTES

C.D. & W. Scheme D 2319 and A expires on 31st December, 1962 an extension is to be requested.

4. Continuation of Experimental Work in new areas.

HEAD II - CIVIL AVIATION
 DETAILS OF EXPENDITURE

SCHEME	Actual Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Improvement of Aerodromes and Interior Communications	164,849	170,000	15,257	18,284	5,000		128,000	128,000
2. Purchase of Aircraft	63,701	436,299	-	87,659	50,000		200,000	200,000
3. Aeronautical Telecommunications and Navigational Aids	44,266	(a) 250,732	19,758	-	46,000		67,492	67,492
4. Purchase of Equipment	-	-	-	-	-		28,500	28,500
5. Georgetown Aerodrome	-	(a) 345,813	3,993	-	-		10,000	10,000
Safety and Navigation Aids	9,267	-	-	-	-		-	-
TOTAL	282,083	1,202,844	39,008	105,943	101,000		433,992	433,992

NOTES

1. Includes provision for the extension of the aerodrome at Monkey Mountain, the fencing of airfields and the rehabilitation of Atkinson Field.
2. Includes provision for the rehabilitation of B.G. Airways Dakota.
- (a) \$101,000 transferred from the allocation for "Georgetown Aerodrome" to "Aeronautical Telecommunications and Navigational Aids", and \$483,187 to "Health".

564

HEAD III - DRAINAGE & IRRIGATION
DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Corentyne Scheme Black Bush Polder	9,633,585	6,900,000	3,518,294	1,364,098	528,400		1,000,000	1,000,000
2. Boerasirie Project - Main Works	9,811,462	510,000	446,133	49,067	5,000	-	-	-
2. Boerasirie Project - Subsidiary Work	-	(a) 604,000	-	34,111	30,100			
3. Tapakuma Project (D4635+A)	358,949	12,000,000	99,832	2,712,521	4,000,000	1,972,500	1,972,500	3,945,000
4. Miscellaneous Works & Equipment (D2828B/D4333)	1,839,939	5,550,000	465,994	501,754	216,200	144,000	356,000	500,000
5. Detailed Topographic Surveys	549,986	1,200,000	189,278	202,788	62,000	-	120,000	120,000
6. Hydrological Surveys	433,940	700,000	137,933	67,608	60,700	-	50,000	50,000
7. Land of Canaan Relief (D3974)	-	650,000	-	97,688	460,000	36,500	36,500	73,000
8. Canje Project Investigations	-	(b)	-	-	152,001	-	369,000	369,000
9. Black Bush/Canje Grazing Area	-	(c)	-	-	-	106,000	19,000	125,000
10. Jackson/Moleson Creek Polder (D5049)	-	(c)	-	-	-	77,000	13,000	90,000
11. Mahaica/Mahaicony/Abary Project (Stage I - Abary Control)	-	245,385	-	40,374	-	-	-	-
Other Expenditure etc.	2,977,448		221,707					
TOTAL	25,605,309	28,359,385	5,079,171	5,070,009	5,514,401	2,336,000	3,936,000	6,272,000

NOTES

1. For completion of work and to settle outstanding claims by the contractors.
- (a) Allocation further reduced by \$654,000 to offset increased expenditure on "Black Bush Polder" (\$614,000) and the "Land of Canaan Relief" (\$40,000).
- (b) Being financed from the allocation for Hydrological Surveys.
- (c) Being financed from the allocation on subhead 4.

HEAD III - DRAINAGE AND IRRIGATION
Subhead 3: Tapakuma Project (D.4635 & A)

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. General)		421,000	731,000	310,000	
2. Tapakuma North Embankment)		280,000	100,000		180,000
3. Tapakuma River Dam)		100,000	1,500		98,500
4. Pumping Station and Relief Sluices)		450,000	126,700		323,300
5. Stop-off and Outlet - Tapakuma Lake)		90,000	27,000		63,000
6. Capoey Lake - Dam & Outlet)		30,000	35,000	5,500	
7. Red Lock Water Path)		50,000	2,000		48,000
8. Main Canal)	2,712,521	70,000	9,000		61,000
9. Main Canal - Headworks)		110,000	112,000	2,000	
10. Coffee Grove/Paradise Distributary)		63,000	28,300		34,700
11. Coffee Grove/Paradise Headworks)		61,000	16,000		45,000
12. Sea Sluices)		200,000	125,000		75,000
13. Bridges and Culverts)		500,000	119,000		381,000
14. Internal Drainage and Irriga- tion Works - Frontlands)		800,000	954,000	154,000	
15. Dayworks and Contingencies)		630,000	1,118,000	488,000	
16. Plant)		680,000			680,000
17. Engineering Supervision)		340,000	340,000		
18. Maintenance of Works during Construction)			100,000	100,000	
TOTAL	2,712,521	4,875,000	3,945,000		930,000

HEAD III - DRAINAGE AND IRRIGATION

Sub-Head 4: Miscellaneous Works and Equipment

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
Reconditioning Replacement and Improvement Works in Established Areas -					
East Berbice					
1. Manarabisi Cattle Pasture Improvements (10,000 acres) (D.2828 & A&B)		2,000	1		1,999
Improvement Works Lancaster/Manchester (D.2828 B)	4,398				
2. Rosehall Village District Drainage Works	5,547		5,250	5,250	
Reconditioning Torani Canal	75,830	12,000			12,000
East Demerara & West Berbice					
3. Improvement Works Mahaicony/Abary (D.2828 B)	19,064	25,000	57,000	32,000	
4. Reconditioning and Improvement Works at Cane Grove	33,098	60,000	1		59,999
5. Reconditioning and Improvement Works at Garden of Eden			1	1	
Reclamation of Young Empolder at Buxton/Friendship (D.2828 B)	14,743				
6. Spares for District Pumping Stations (D.4344)	11,571	12,000	9,050		2,950
7. Improvement Works, Craig (D.2828 B)	5,312	2,000	1		1,999
8. Replacing Buxton Sea Sluice		55,000	37,000		18,000
West Demerara					
Improvement Works at La Jalousie and Windsor Forest (D.2828 B)	4,730				
9. Independent Irrigation System for La Grange	29,804	20,000	17,000		3,000
10. Internal Drainage and Irrigation Works, Canals Polder (D.4344)	23,848	10,000	1		9,999
11. Reconditioning Works, Nismes		15,400	1		15,399
Essequibo					
Improvement of Anna Regina Waterpath and Outfall (D.4344)	8,189				
Improving Irrigation Supply - Annandale (D.4344)	4,222				
12. Reconditioning and Improvement Works - Vergenoegen Area	37,831	10,000	6,000		4,000
13. Reconditioning and Improvement to Subsidiary Works - Anna Regina	38,763	28,000	16,000		12,000
14. Providing Koker Run for Three Friends Sluices	cr. 17	20,000	1		19,999
Carried Forward	316,933	271,400	147,307	37,251	161,344

HEAD III - DRAINAGE AND IRRIGATION

Sub-head 4: Miscellaneous Works and Equipment (contd.)

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
Brought Forward	\$ 316,933	\$ 271,400	\$ 147,307	\$ 37,251	\$ 161,344
Minor Drainage and Irrigation Schemes					
East Berbice					
15. Drainage Works, Fyrish (D.2828 B)	641		1	1	
16. Sluice and Drain for Port Mourant United Co-operative Land Development Scheme		42,150	4,000		38,150
17. Port Mourant Backlands			1	1	
18. Yakusari/Manarabisi Drainage Scheme			1	1	
East Demerara and West Berbice					
19. Irrigation Facilities - Park/Abary (D.2828 B)	15,854	20,000	40,000	20,000	
Development of Kabawer Lands		15,000			15,000
20. Zorg-en-Hoop/Schumaker's Lust			1	1	
21. Golden Grove/Clonbrook Backlands			1	1	
West Demerara					
D. & I. Works - La Re traite (D.2828 B)	28,718				
Drainage and Irrigation Den Amstel (D.2828 B)	27,493	19,000			19,000
22. Subsidiary Works, Bagotville			10,000	10,000	
Essequibo					
23. Irrigation Works, Charity (D.4344)	20,827	19,000	1		18,999
* D. & I. Works, Bounty Hall Backlands		4,400			4,400
24. Drainage Works, Hogg Island			98,686	98,686	
General					
25. Workshop Equipment and Construction Plant & Equipment (D.4344)	20,810	60,000	1		59,999
26. Reserve of Works to be decided	61,800	49,050	200,000	150,950	
Replacing Park Sluice	836				
Clearing Outfall Channels, West Coast Berbice	7,842				
TOTAL	501,754	500,000	500,000		

568

HEAD III - DRAINAGE & IRRIGATION.

Sub-head 7: Land of Canan Relief (D 3974)

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Purchase and Clearing of Land)	97,688	30,000	20,600		9,400
2. Excavation)		120,000	24,400		95,600
3. Sluice)		200,000	28,000		172,000
Total	97,688	350,000	73,000		277,000

589

HEAD III - DRAINAGE & IRRIGATION
 Sub-head 8: Canje Project Investigations.
 (United Nations Special Fund Project)

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
A. Canje Project Surveys					
1. Personal Emoluments					
(a) Co-Manager			(a)		
(b) 3 Surveyors			(a)		
3 Surveyor Probationers					
(c) 1 Senior Assistant Draughtsman A 25		1,464	2,664*	1,200	
(d) 1 Assistant Draughtsman A 32		1,014	2,556*	1,542	
(e) 1 Senior Clerk A 19		1,800	4,128*	2,328	
(f) 1 Clerical Assistant A 34		900	1,908*	1,008	
(g) Instrument Men, Hydrographers and Assistant Hydrographers		20,000	3,221		16,779
(h) Field Survey Crew		90,000	135,000	45,000	
(i) Drivers, Messengers, Janitors etc.		11,200	17,300	6,100	
(j) Allowance to Co-Manager		720	720		
Total Personal Emoluments		127,098	167,497	40,399	
2. Travelling & Subsistence Allowances		14,040	21,100	7,060	
3. Alterations to Office in Georgetown		2,000	1		1,999
4. Equipment and supplies for main base and Field Camps		43,860	30,000		13,860
5. Construction of Main Base, Camp, Warehouse and Workshop		14,960	8,960		6,000
6. Construction of Hydrological and Meterological Stations		10,030	10,030		
7. Areal Photographs, Reports and Maps		3,000	1,540		1,520
8. Boats, Dug-Outs, etc.		3,570	500		3,070
9. Maintenance & Operation of Vehicles and Boats		13,600	47,767	34,167	
10. Office Facilities and Supplies		1,530	1,600	70	
11. Miscellaneous		5,440	2,260		3,180
12. Contribution for Local Facilities		32,895			
Total Other Charges		144,985	156,653	11,668	
B. Establishment, Operation and Main- tenance of Gauging Stations in Canje and Berbice Rivers.					
1. Wages		30,000	36,350	6,350	
2. Transportation		7,000	3,500		3,500
3. Equipment		10,000	3,000		7,000
4. Contingencies		5,000	2,000		3,000
		52,000	44,850		7,150
TOTAL		324,083	369,000	44,917	

NOTES

- A. The above constitutes the share of the cost of the Project to be borne by Government in 1963. The total estimated cost of the project has been revised to \$1,092,570 of which \$646,490 is to be borne by Government.
 (a) Provided in the recurrent estimates.
 * Normal increments and revision of salaries.

HEAD IV - EDUCATION
DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
<u>Primary Education</u>								
1. Primary School Buildings and Equipment (D4310 & A D4839) and Primary School Teachers' Quarters Black Bush Polder	1,547,185	2,804,338	271,166	529,081	1,498,686	120,000	80,000	200,000
<u>Secondary Education</u>								
Post-primary Schools (D4458)		625,000		4,708				
Domestic Science & Handicraft Centres (D3624 A & B)		270,000	83,911	150,471	17,000			
Capital Grants to Secondary Schools	86,987	400,000	42,000	27,600				
Extensions and Improvements to Bishops' High School	19,394	(a)		5,722				
Extensions and Improvements to Queen's College	1,675	(a)	647	5,477	16,703			
New Wing to Queen's College Building to house University College		(a)						
Primary School Sanitation	33,202	662	662					
2. Miscellaneous Work							686,000	686,000
Total other 1954-1959 Expenditure	94,957							
TOTAL	1,783,400	4,100,000	398,386	723,059	1,532,389	120,000	766,000	886,000

NOTES

1. Provision to meet commitments on school buildings and furniture and erection of quarters for teachers.
 2. Reserve for works to be decided later and will be financed within savings on existing allocations.
- (a) To be financed from the allocation for Capital Grants to Secondary Schools.

HEAD V - INDUSTRY AND CREDITS
 DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		Total
						Colonial Development & Welfare	Other Sources	
	\$	\$	\$	\$	\$	\$	\$	\$
1. Agriculture and Housing)	10,007,624	11,500,000	(500,000	2,000,000	450,000		3,500,000	3,500,000
2. Industrial)			(217,866	409,192	6,000			
Rice Development Company				467,462				
3. Bank of Guyana - Building		1,500,000			30,000		1,470,000	1,470,000
TOTAL	10,007,624	13,000,000	717,866	2,876,654	486,000		4,970,000	4,970,000

NOTES

1 & 3 The allocation on sub-head 1 has been reduced to provide for the construction of a building for the Bank of Guyana and other financial institutions.

574

HEAD VI - GEOLOGICAL SURVEY
 DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
1. Geological Surveys (D4333)	\$ 1,730,353	\$ 2,510,000	\$ 560,605	\$ 456,586	\$ 546,000	\$ 70,000	\$ 595,000	\$ 665,000
Specialist Adviser Geologist/Petrologist (D2497)				Cr. 720				
TOTAL	1,730,353	2,510,000	560,605	455,866	546,000	70,000	595,000	665,000

HEAD VI - GEOLOGICAL SURVEYS

Sub-head 1: Geological Surveys.

573

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
a. Chief Geological Survey Officer Allowance F 8		6,468	9,600	3,132	
		1,256	-	-	1,256
b. 1 Deputy Chief Geol. Sur. Officer F 12		15,360	8,400	-	6,960
c. 2 Principal Geologists F 13		-	16,320	16,320	-
d. Allowance for Principal Geologists		-	240	240	-
e. 3 Senior Geologists F 13		21,600	24,480	2,880	
f. Geochemist F 13		7,200	8,160	960	-
g. Petrologist F 13		-	8,160	8,160	
h. Geophysicist F 13		6,720	8,160	1,440	
i. 11 Geologists & Assistant Geologists A 4		55,458	56,866	1,408	
j. 2 Scientific Assistants A 17		7,738	8,458	720	
k. Assayer A 21		3,268	3,701	433	
l. 3 Field Observers A 25		7,750	9,004	1,254	
m. Geological Cartographer A 8		-	5,280	5,280	
n. Chief Draughtsman A 14		4,560	-	-	4,560
o. 2 Draughtsmen A 19)		5,328	6,576	1,248	
p. 1 Senior Assistant Draughtsman A 25)					
q. i) 3 Assistant Draughtsmen A 32		4,319	4,026		293
ii) 6 Apprentice Draughtsmen A 34		-	7,284	7,284	
r. i) 1 Technical Assistant Grade I A 25)					
ii) 2 Technical Assistants " II A 32)					
iii) 1 Laboratory Assistant A 34)		6,073	7,821	1,748	
s. 2 Drillers A 17			6,240	6,240	
t. i) 2 Senior Field Assistants A 26		4,716	5,244	528	
ii) 10 Field Assistants A 32		13,021	15,330	2,309	
u. Lapidary A 32		2,292	2,556	264	
v. i) Foreman Mechanic B 4		1,806	2,028	222	
ii) 4 Driver Mechanics B 10		6,492	6,688	196	
w. 2 Boat Captains B 5		3,480	3,912	432	
x. 1 Storekeeper B 8			1,584	1,584	
3 Assistant Storekeepers C 4		5,598	4,014	-	1,584
1 Stock-keeper/Printer B 5		-	1,440	1,440	
y. 2 Watchmen C 6		2,004	2,059	55	
z. 1 Chief Clerk A 13)					
1 Class I Clerk A 25)					
1 Secretary A 25)		22,762	21,182		1,580
1 Class II Clerk A 32)					
1 Clerical Assistant A 34)					
2 Stenographers (1 A 25)					
(1 A 31)					
1 Temporary Clerical Assistant A 34)					
aa. Supervisor of Library and Records A 19		3,048	3,288	240	
bb. 2 Messengers C 4		2,676	2,244	-	432
cc. Gratuities		9,000	6,000	-	3,000
dd. Labourers Wages		150,000	150,000		
ee. Honorarium for Palaeobotanist		1,440	1,440	-	-
	323,175	381,433	427,785	46,352	

574

HEAD VI - GEOLOGICAL SURVEYS

Sub-head 1: Continued.

	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
<u>Other Charges</u>					
2. Rations	17,603	28,000	30,000	2,000	
3. Subsistence and Station Allowances	18,590	27,000	35,000	8,000	
4. Travelling Expenses of Director	49	1,000	1,000	-	
5. Travelling and Transport	26,533	30,000	30,000		
6. Passages	10,742	6,000	10,000	4,000	
7. Study Courses	438	504	1,000	496	
8. Chemical Supplies & Laboratory Equip.	8,548	3,500	3,000		500
9. Drawing Instruments & Materials	2,061	2,500	3,000	500	
10. Materials for Survey	8,104	15,000	16,500	1,500	
11. Maintenance of Buildings & Compounds	450	1,500	1,500	-	
12. Library Acquisitions & Equipment	1,238	2,000	2,500	500	
13. Upkeep of Boats & Engines	3,577	4,000	4,500	500	
14. Upkeep & Maintenance of Motor Vehicles	1,746	3,000	3,000	-	
15. Special Scientific Research	202	1,000	10,000	9,000	
16. Test Drilling & Geophysical Survey	-	1	27,000	26,999	
17. Printing Maps and Reports	5,134	24,000	9,500	-	14,500
18. Uniforms	720	2,000	2,000	-	
19. Rental of Quarters	28	500	500	-	
20. Repairs & Maintenance of Scientific Equip.	-	-	1,500	1,500	
21. Miscellaneous	3,593	3,500	4,785	1,285	
TOTAL, OTHER CHARGES	109,356	155,005	196,285	41,280	
<u>Capital</u>					
22. Boats, Engines & Vehicles		5,650	5,950	300	
23. Buildings	25,436	4,000	2,000	-	2,000
24. Surveying & Drawing Equipment	1,711	2,000	2,820	820	
25. Headquarters, Camp & Field Equipment and Tools	3,132	2,250	30,160	27,910	
26. Scheme Revenue	Cr. 6,224				
TOTAL, CAPITAL	24,055	13,900	40,930	27,030	
<u>SUMMARY</u>					
TOTAL PERSONAL EMOLUMENTS	323,175	381,433	427,785	46,352	
TOTAL OTHER CHARGES	109,356	155,005	196,285	41,280	
TOTAL CAPITAL	24,055	13,900	40,930	27,030	
TOTAL EXTRAORDINARY SPECIALIST/ADVISED, GEOLOGIST/ PETROLOGIST	-	-	-	-	
		Gr. 720			
TOTAL OF HEAD	455,866	550,358	665,000	114,662	

NOTES

- (a) & (b) Redesignation of posts of Director and Deputy Director of Geological Surveys.
- 1 b One post of Deputy Chief abolished.
- 1 c & d New post and personal allowances.
- 1 f Post of Chemist/Petrologist redesignated Geochemist.
- 1 g New post.
- 1 h Post of Geophysicist-Hydrologist redesignated Geophysicist.
- 1 i One post of Geologist abolished
- 1 m & 1 n Post of Geological Cartographer on Scale AB substituted for post of Chief Draughtsman.
- 1 o & 1 p Post of Senior Assistant Draughtsman upgraded to Draughtsman on Scale A 19.
- 1 q Payment of wages to 6 Apprentice Draughtsmen formerly met from provision of "Labourers' Wages" now shown as separate item.
- 1 r New posts.
- 1 s New post of Stock-keeper/Printer.
- 1 z Post of Senior Accounting Officer transferred to Ministry of Trade and Industry.
- 2, 3, 9, 10, 13 Increases due to greater number of field trips planned.
- 6 and 7 Provision inadequate.
- 12 To meet cost of publication on current phase of work.
- 15 To meet high cost of explosives and passages, subsistence and miscellaneous expenses of Overseas Geological Surveys' Geophysicists.
- 16 To meet UN commitment (\$17,000) and cost of continuation of Haimaralli Exploration.
- 20 To provide for repair and maintenance of scientific equipment.
- 21 To meet increased cost of electricity due to installation of air conditioning units and other electrical equipment.
- 22 To meet cost of replacing outboard engines written off and construction of new Geological Survey boats (Aluminium).
- 23 Construction of tarmac for heavy duty vehicles.
- 24 Increased cost of materials.
- 25 To meet cost of radios, generators, tarpaulins, tools for workshop, field accessories and laboratory equipment.

HEAD VII - HEALTH
DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
Cottage Hospitals Health Centres and Mortuaries (D 3653 N)	172,892	353,000	170,342	172,144	10,000			
1. Environmental Sanitation Programme		547,000		11,501	108,000		211,000	211,000
2. Malaria Eradication (Interior) D4311		290,000	15,805	35,392	73,000	7,731	64,049	71,780
3. Filariasis Eradication	15,950	300,000	20,098	108,206	61,000		58,800	58,800
4. Anti-Typhoid Vaccine Trials (R 1052 A)	10,094	150,000	43,555	19,831	32,000	44,000	-	44,000
5. School for Handicapped Children	-	50,000					1	1
Purchase of Hospital equipment (D3172)	65,428	44,600	29,209	10,252	3,000			
6. Skeldon Hospital		61,692	-	-	16,800		44,560	44,560
Refrigeration, Georgetown Hospital				3,500				
7. Comprehensive Nutritional Survey							7,219	7,219
Suddie Hospital - Extension		50,000						
Lethem Hospital - Extension		15,000						
Central Medical Store	220,616	4,000	266	3,240				
Poliomyelitis Vaccination D 3718	27,390	60,000	36,638	23,765				
Resettlement ex-patients Mahaica	1,831	26,000	6,186	20,184				
Miscellaneous Expenditure 1954/59	258,774							
TOTAL	772,975	1,951,292	322,099	408,006	303,800	51,731	385,629	437,360

NOTES

- C.D. & W. Scheme Funds are estimated to be exhausted by mid March 1963 thereafter the entire expenditure will be met from Development Funds.
- This programme is being financed by the British Guiana/United States of America, T.A.D.O. Joint Fund.
- The programme will be continued for a further period of eighteen months.
- Revote of instalments for purchase of Skeldon Hospital.
- Revote of provision for a nutritional survey in B.G. with U.S. AID Assistance. Provision for this item will be met from the allocation for Environmental Sanitation.

HEAD VIII - HOUSING
Sub-head 1 - Housing.

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
a. Housing Administrator F 14)		7,200	8,160	960	-
b. Accountant A 13)		4,078	4,582	504	-
c. 1 Assistant Accountant A 19)		6,414	3,773		2,641
d. 1 Senior Clerk A 19)		3,048	3,288	240	-
e. 2 Class I Clerks A 25)		3,192	6,294	3,102	-
f. 4 Class II Clerks A 32)		9,606	6,544	-	3,062
g. 1 Senior Clerical Assistant A 31)		1,920	2,316	396	-
h. 3 Clerical Assistants A 34)		4,591	5,005	414	-
i. 2 Departmental Grade I Clerks)		6,264	6,912	648	-
2 Office Assistants A 25)		3,264	-	-	3,264
j. 2 Surveyors A17)		8,741	9,654	913	-
k. 1 Assistant Draughtsman A 32)		2,294	2,556	262	-
l. 1 Quantity Surveyor A 3)	143,550	6,720	7,680	960	-
m. 1 Housing Officer A 14)		4,560	4,848	288	-
n. 1 Estate Manager A 19)		3,840	4,128	288	-
o. 4 Rent Collectors A" 25)		12,042	13,296	1,254	-
p. 2 Women Housing Officers B 3)		4,560	4,944	384	-
q. 2 Temporary Investigators B 3)		3,984	-	-	3,984
r. 1 Self Help Organiser A 2)		4,560	5,760	1,200	-
s. 2 Community Organisers A 19)		7,680	7,416	-	264
t. 1 Building Supervisor A 25)		3,089	3,456	367	-
u. 2 Messengers C 4)		2,676	2,676	-	-
v. 1 Driver/Mechanic B 10)		-	1,580	1,580	-
w. Additional Temporary staff)		46,000	49,000	3,000	-
x. Acting Allowance)		100	100	-	-
y. Duty Allowance to Pay Master)		100	150	50	-
	143,550	160,523	164,118	- 3,595	

c. One post transferred to the Ministry of Labour Health and Housing on the Recurrent Estimates

581

HEAD VIII - HOUSING
Sub-head 1 - Continued.

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments	143,550	160,523	164,118	3,595	
Other Charges					
2.- Travelling Allowance	13,345	15,000	18,500	3,500	
3. Subsistence Allowance	611	2,000	1,500	-	500
4. Transport of Goods	171	500	500	-	-
5. Instruments & Equipment	1,086	2,500	2,500	-	-
6. Rent	3,963	3,658	3,720	62	-
7. Miscellaneous	2,874	2,000	1,000	-	1,000
Furniture	-	50	-	-	50
8. Accounting Machines & Office Equipment	-	-	800	800	-
9. Maintenance & Running expenses of Office Vehicles	515	1,000	500	-	500
10. Stationery, Books, etc.	71	1,500	300	-	1,200
11. Uniforms	292	300	230	-	70
12. Passages	759	-	2,500	2,500	-
13. Maintenance Services & Estate Completion	332,168	300,000	481,000	181,000	-
<u>Surveys</u>	265	2,000	-	-	2,000
14. Purchase & Development of Land	184,124	600,000	535,700	-	64,300
Apartments for Rent	Cr. 7,961	75,000	-	-	75,000
15. House for Sale	82,778	428,156	5,000	-	423,156
16. Aided Self Help	79,293	200,000	150,000	-	50,000
17. Repairs to Buildings	1,574	33,000	4,000	-	29,000
18. Purchase of Vehicles	3,518	11,607	3,500	-	8,107
Arrears of Wages	910	-	-	-	-
19. Kitty Railway Lands	-	100,000	42,000	-	58,000
Rural & Urban Housing	Cr. 509				
	843,397	1,938,794	1,417,368		521,426

HEAD IX LANDS AND MINES
DETAILS OF EXPENDITURE

SCHEME	Actual Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	
1. Topographic Survey and Training of Surveyors	79,038	200,000	15,809	42,263	40,000		40,000	40,000
2. Aerial Photography	759,268	600,000	151,294	67,370	20,000	120,000		120,000
TOTAL	838,306	800,000	167,103	109,633	60,000	120,000	40,000	160,000

583

HEAD X - LAND DEVELOPMENT
DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Development of Pln. Mara cum annexis and Expansion	1,334,509	800,000	69,429	54,584	40,000		50,000	50,000
2. Black Bush Polder - Lesbeholden (D 4228)		338,544	153,684	11,514	26,000	34,000	6,000	40,000
3. Black Bush Polder - Mibikuri, Joanna Yakasuri (D 4533)		1,041,600	60,254	192,265	100,000	245,000	55,000	300,000
4. Existing Land Development Schemes (D3682 and A)	570,437	160,000	63,728	29,170	15,000	13,334	6,666	20,000
5. Preliminary Investigations	1,513	48,000	363	2,257	6,000		3,000	3,000
6. Development of Garden of Eden (D 3187)	229,028	71,930	30,442	19,569	4,000	4,000	1,000	5,000
7. Machinery and Equipment	225,255	500,400	Cr. 255	49,985	29,000		57,600	57,600
West Bank Demerara - Chantilly/Bourda		(a)						
8. Charity/Amazon Development of		400,000	-	-	-	-	54,000	54,000
9. Interior Areas - Wauna/Yarakita Project (D 4790)		189,000	-	17,005	57,000	85,000	15,000	100,000
10. Development of Pln. Onverwagt	23,380	50,000					25,000	25,000
11. Development of the Tapakuma Area		750,000			10,000		327,368	327,368
C.D. Schemes - Purchase of Machinery				Cr. 500				
Total other 1954-1959 Expenditure	390,029							
TOTAL	2,774,151	4,349,474	377,645	375,849	287,000	381,334	600,634	981,968

NOTES

(a), 8, & 11. The allocation of \$900,000 for Chantilly/Bourda has been deleted to provide for expenditure in the Charity/Amazon Area and for the continuation of the planning and development of the Tapakuma area consequent on the drainage and irrigation works.

HEAD X - LAND DEVELOPMENT

Sub-head 2: Black Bush Polder - Lesbeholden.
(Scheme D 4228)

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
Personal Emoluments	-	-	-	-	-
Other Charges					
Transport, Travelling and Subsistence including maintenance of and operation of Land Rover	104	-	-	-	-
Watching, cleaning and lighting	⓪				
Total Other Charges	104	-	-	-	-
Capital					
1. Temporary Office and Quarters	667	1,445	-		1,445
2. Office Furniture and Equipment	315	555	470		85
3. Clearing	6,313	17,000	5,000		12,000
4. Survey of plots and homesteads		16,000	9,000		7,000
5. Clearing and layout of Community Zones	2,725	50,000	25,530		24,470
Contingencies	1,390				
Total Capital	11,410	85,000	40,000		45,000
TOTAL	11,514	85,000	40,000		45,000

585

HEAD X - LAND DEVELOPMENT

Sub-head 3: Black Bush Polder - Mibikuri - Joanna and Yakusari.
(Scheme D 4533)

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) 1 Foreman Mechanic	)	2,040	2,244	204	
Clerk	)	2,664	-		2,664
Assistant Clerk	13,763)	1,872	-		1,872
Storekeeper	)	1,688	-		1,688
Office Assistant	)	962	-		962
Field Foremen	)	10,774	-		10,774
Total Personal Emoluments	13,763	20,000	2,244		17,756
Other Charges					
2. Maintenance and operation of Land Rovers and Lorry	5,300	7,860	7,000		860
Maintenance and operation of Lighting Plant	2,372	2,232	-		2,232
Transport, Travelling and Subsistence	2,804	620	-		620
Total Other Charges	10,476	10,712	7,000		3,712
Capital					
3. Clearing and layout	97,607	50,000	66,256	16,256	
4. Survey of Plots and Homesteads	4,246	14,000	13,500		500
5. Development of Community Zones	3,256	86,000	174,382	88,382	
6. Contingencies	11,052	19,288	36,618	17,330	
D-7 Caterpillar Bulldozer with necessary accessories etc.	51,865				
TOTAL CAPITAL	168,026	169,288	290,756	121,468	
TOTAL	192,265	200,000	300,000	100,000	

586

HEAD X - LAND DEVELOPMENT
 Sub-head 11: Development of Tapakuma.

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
(a) 1 Checker			1,800	1,800	
(b) 2 Office Assistants			3,312	3,312	
(c) 1 Field Mechanic			1,728	1,728	
(d) 1 Field Foreman			1,728	1,728	
Total Personal Emoluments			8,568	8,568	
Other Charges					
2. Operation and Maintenance of Transport Vehicles			3,000	3,000	
3. Watching etc.			3,800	3,800	
Total Other Charges			6,800	6,800	
Capital					
4. Purchase of equipment			185,000	185,000	
5. Clearing and layout 2,600 acres			107,000	107,000	
6. Survey of holdings			10,000	10,000	
7. Contingencies			10,000	10,000	
Total Capital			312,000	312,000	
TOTAL			327,368	327,368	

NOTES

4. Includes provision for the purchase of 3D-7 Bulldozers and 1 Land Rover.

HEAD XI - POST OFFICE
 DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Postal Services	124,607	100,000					85,000	85,000
2. Tele-communications Rehabilitation	7,456,694	2,600,000	1,029,328	383,079	256,000		500,000	500,000
Other Expenditure	51,655							
TOTAL	7,632,956	2,700,000	1,029,328	383,079	256,000		585,000	585,000

NOTES

1. For new Post Office Buildings at New Amsterdam and Mackenzie.
2. For continuation of the Programme. The allocation has been increased by \$403,661 as a result of the increase in costs.

HEAD XII - PUBLIC WORKS
DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Parika-Bartica Road	150,618	8,000,000	56,195	1,031,048	2,750,000		1,000,000	1,000,000
2. Bartica-Potaro Road	461,552	2,480,000	476,034	509,786	150,000		100,000	100,000
3. Potaro-Lethem Road	458,764	300,000	163,663	129,839	11,000		1	1
4. East Bank Road	2,427,055	2,097,000	536,456	603,259	400,000		300,000	300,000
5. Sea and River Defences	4,630,042	7,400,000	1,817,356	2,333,297	1,349,826		1,700,000	1,700,000
6. Water Supply (D2841)	1,688,848	2,882,000	410,662	561,658	312,000		400,000	400,000
7. Water Supply, Black Bush (D4485)			22,979	124,806	30,000	63,000	87,000	150,000
8. Public Officers' Housing	2,051,151	500,000	126,851	159,920	90,000	-	50,000	50,000
9. Public Buildings	496,894	1,000,000	30,831	93,969	150,000	-	550,000	550,000
10. P.W.D. Buildings, Wharf & Fencing	108,665	300,000	64,902	13,793	45,000	10,000	80,000	90,000
11. Quarries and Craft	760,462	520,000	-	173,704	8,820	-	100,000	100,000
12. East Coast Road (Abary Bridge)	2,228,731	580,000	7,845	545,475	27,500	-	-	-
13. West Coast Road	-	458,000	-	-	-	-	10,000	10,000
14. Harbour Siltation Investigation	-	460,000	219,961	210,487	30,000	-	-	-
15. Lethem - Wichibai-Dadanawa Road	-	71,000	-	23,037	8,000	18,000	2,000	20,000
16. Staff for Development Projects	-	50,000	-	-	5,040	-	23,088	23,088
17. Atkinson Field-Mackenzie Road	-	-	-	-	50,000	-	150,000	150,000
18. Corentyne Road	32,964	100,000	-	-	-	-	25,000	25,000
Surveys - East and West Coast Roads	-	418,730	-	396,379	10,461	-	-	-
Other Expenditure etc.	1,072,587		Cr. 598	Cr. 19,850				
TOTAL	16,568,333	27,616,730	3,933,137	6,890,607	5,427,647	91,000	4,577,089	4,668,089

NOTES

The programme allocations on subheads 1, 2, 11 and 13 have been reduced to provide for increased expenditure on subheads 5, 6, 12, 15 and 16.

HEAD XII - PUBLIC WORKS
Sub-head 5: Sea and River Defences

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
Essequibo					
1. Walls, Essequibo Coast	70,109	125,000	100,000		25,000
2. Walls, Leguan	41,461	75,000	75,000		
Walls, Wakenaam	51,950	50,000			50,000
Works, McNabb/Somerset and Berks	89,708	100,000			100,000
Works, Berks/Collier Canal		20,000			20,000
Works, Parika/Larimakabra	3,862	60,000			60,000
Works, Greenwich Park/Parika	148,411				
River Defences - Charity Amazon	3,144				
West Demerara					
3. Walls, West Coast Demerara	39,257	75,000	100,000	25,000	
Coping, De Willem	15,809				
East Demerara					
4. Works, Nabaclis/Annandale/Hope/ Mon Repos	1,365,282	242,900	800,000	557,100	
Works, Planter's Hall, Mahaicony		100			100
Improvement Works - Kitty/Turkeyen		40,000			40,000
Berbice					
5. Works, West Coast Berbice	33,618	100,000	100,000		
Works, Fyrish No. 52		100,000			100,000
Wall from No. 78 - Springlands	13,044	50,000			50,000
Wall Nos. 82/83 Skeldon	20,212	40,000			40,000
New Sea Dam, Cotton Tree/Zee Zight	7,193				
Works, Grand Canal/Industry	724				
River Defences					
River Defences, Aurora	76,662	32,000			32,000
River Defences, West Bank Demerara	5,129	5,000			5,000
6. River Defences, Christianburg/Wismar	17,950	50,000	40,000		10,000
R.C. Wall, River Defences Stanleytown/ Islington	24,687				
7. Revetment P.W.D./Forestry, River Bank Georgetown	60,717	25,000	25,000		
General					
8. Recasing Concrete Walls (Colony Wide)	107,320	50,000	100,000	50,000	
9. Plant	58,662	50,000	200,000	150,000	
10. Beacons	12,219	10,000	90,000	80,000	
New Survey Launch	66,169				
11. Reserve for works to be decided			70,000	70,000	
TOTAL	2,333,297	1,300,000	1,700,000	400,000	

590

HEAD XII - PUBLIC WORKS

Sub-head 16: Staff for Development Projects.

Details of Expenditure	Actual Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
1. Asst. Architect A 14:		3,696	4,272 *	576	
2. Snr. Surveyor A 5:		5,040	5,760 *	720	
3. 2 Draughtsmen A 19:		6,096	6,576 *	480	
4. 2 Snr. Asst. Draughtsmen A 25:		4,800	5,328 *	528	
5. 1 Grade II Draughtsman A 32:		912	1,152 *	240	
TOTAL		20,544	23,088	2,544	

NOTES

* Normal increments and revision of salaries.

HEAD XIII - TRANSPORT & HARBOURS DEPARTMENT
 DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Rehabilitation of Shipping Services	6,388,483	6,230,000	1,382,314	1,243,642	1,104,106		639,680	639,680
2. Harbour Services	653,120	300,000	27,461	47,576	75,000		143,000	143,000
3. Railway Renewals	3,573,752	1,581,270	115,280	36,805	60,000		1,241,000	1,241,000
Total other Expenditure 1954-1959	48,099							
TOTAL	10,663,454	8,111,270	1,525,055	1,328,023	1,239,106		2,023,680	2,023,680

HEAD XIII - TRANSPORT AND HARBOURS
SUB-HEAD (1) - SHIPPING SERVICES

Details of Expenditure	Expendi- ture 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Personal Emoluments					
a. Civil Engineer	7,200	7,200	8,400	1,200	
b. Assistant Civil Engineer	-	4,272	4,560	288	
c. Steno-Typist	1,896	2,364	2,580	216	
d. Gratuity	-	5,670	6,615	945	
Total Personal Emoluments	9,096	19,506	22,155	2,649	
<u>Other Charges</u>					
2. Travelling, Subsistence, Transport and Passages		4,400	4,400		
Total Other Charges		4,400	4,400		
<u>Capital</u>					
3. Third new Ferry Ship	259,800	1,041,200	40,000		1,001,200
4. Passenger Ship		350,000	2,000		348,000
5. Reconstruction Demerara Ferry Terminals	529,521	514,000	1		513,999
6. Reconstruction Berbice Ferry Terminals	184,363	185,000	1		184,999
7. New Machinery for Dry Dock Mazaruni	51,736	20,000	30,000	10,000	
8. Rehabilitation of Wakenasm Stelling		64,000	72,000	8,000	
9. Rehabilitation of Fort Island Stelling			40,122	40,122	
10. Rehabilitation of Bartica Stelling			1	1	
11. Rehabilitation of Springlands Stelling			155,000	155,000	
12. Minor Works - Fire Fighting for Stellings	6,259	26,000	26,000		
13. Expansion of Stores			18,000	18,000	
14. Mechanical Equipment for Stellings (Operations)	59,890	35,000	60,000	25,000	
15. Mechanical Equipment for Stellings (Construction)		-	40,000	40,000	
16. New Steel Tug		120,000	130,000	10,000	
Extension Mazaruni Dry Dock		100,000	-	-	100,000
Replacement of Workers Launch Mazaruni	29,282				
Two pontoons and pile driving equipment	46,362				
New Stelling Hog Island	67,324	75,000			75,000
Total Capital	1,234,546	2,530,200	613,125		1,917,075
Total	1,243,642	2,554,106	639,680		1,914,426

NOTES

1. Increased provision consequent on the revision of salaries.
3. Final payment on the 'Malali' which was completed in 1962.
9. & 10. To provide extensive repairs to these stellings.

HEAD XIII - TRANSPORT AND HARBOURS

SUB-HEAD (2) - HARBOUR SERVICE

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Improvement and Installation of Nav. Aids, Lightbouys and Radio Telephone	784	85,000	33,000		52,000
2. Mechanical Equipment	-	40,000	80,000	40,000	
3. Replacement for Pilot Launch Harbour Launch for New Amsterdam Buoy Vessel	46,792	16,000	30,000	30,000	16,000
	47,576	141,000	143,000	2,000	

NOTES

2. Revote and further provision. Funds reserved in 1962.

HEAD XIII - TRANSPORT AND HARBOURS

SUB-HEAD (3) - RAILWAY RENEWALS

Details of Expenditure	Expenditure 1961	Approved Estimate 1962	Estimate 1963	Increase	Decrease
	\$	\$	\$	\$	\$
1. Rehabilitation of Permanent Way	36,729	117,000	169,000	52,000	
2. Purchase of Locomotives and Coaches		236,000	1,060,000	824,000	
Travelling etc.	76				
3. Reconstruction of Uitvlugt Stn.			12,000	12,000	
	36,805	353,000	1,241,000	888,000	

NOTES

1. & 2. Revote and further provision. Funds reserved in 1962.

594

HEAD XIV - MISCELLANEOUS
DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954 - 1959	Alloca- tion 1960 - 1964	Expendi- ture 1960	Expendi- ture 1961	Revised Esti- mate 1962	Estimate 1963		
						Colon- ial Develop- ment & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Expenses of Issue	261,303	5,500	1,768				3,500	3,500
2. Medical Research	1,125	2,500	1,050	596			1,000	1,000
Vocational Training Puerto Rico	6,441	3,500			3,500			
3. Counterpart Con- tribution - U.N. Technical Assistance		50,000			5,000		25,000	25,000
New Amsterdam, Im- provement of Water Supply	256,358	118,642	26,801	91,841				
Government Recording Studio	1,183	60,000	32,051	1,444				
Extension of Pure Water Supply to Greater Georgetown Area	831,991	6,143	6,143					
Visual Aid Equipment				Cr. 3				
Total other 1954 - 1959 & 1960 Expendi- ture	1,725,636		5,982					
TOTAL	3,084,037	246,285	73,795	93,878	8,500		29,500	29,500

595

HEAD XV - RURAL SELF HELP

DETAILS OF EXPENDITURE

SCHEME	Total Ex- penditure 1954-1959	Alloca- tion 1960-64	Expendi- ture 1960	Expendi- ture 1961	Revised Estimate 1962	ESTIMATE 1963		
						Development Fund		TOTAL
						Colonial Develop- ment & Welfare	OTHER Sources	
\$	\$	\$	\$	\$	\$	\$	\$	
1. Rural Self-Help Schemes (D 3122 A)	421,432	500,000	65,285	76,043	75,000	90,000	10,000	100,000
TOTAL	421,432	500,000	65,285	76,043	75,000	90,000	10,000	100,000

NOTES

To continue Rural Self-Help Schemes for Community projects. Government assistance may be up to 75% in the Interior and up to 50% in other areas.

596

HEAD XVI - SOCIAL WELFARE

DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Alloca- tion 1960-64	Expendi- ture 1960	Expendi- ture 1961	Revised Estimate 1962	ESTIMATE 1963		
						DEVELOPMENT FUND		
						Colonial Develop- ment & Welfare	Other Sources	TOTAL
	\$	\$	\$	\$	\$	\$	\$	\$
1. New Prison		300,000		31,519				14,000
2. Community Organisation & Community Centres.		100,000	3,729	19,430	15,000			10,000
3. Youth Wel- fare & Sports De- velopment	8,607	237,920	4,403	34,195	6,000			6,000
4. Social De- velopment Training		12,080	480	6,566	1,600			1,000
Establish- ment of a Borstal		100,000						
Total other 1954- 1959 Expen- diture	60,052							
TOTAL	68,659	750,000	8,612	91,710	22,600			31,000

Notes

2. For 50% grant towards the cost of Community Centres.

HEAD XVII LOCAL GOVERNMENT

DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Allocation 1960-64	Expenditure 1960	Expenditure 1961	Revised Estimates 1962	ESTIMATES 1963		
						Colonial Develop- ment & Welfare	OTHER	TOTAL
	\$	\$	\$	\$	\$	\$	\$	\$
Local Gov- ernment Reorganisa- tion.	178,667	500,000	38,122	36,936	53,000	-	234,000	234,000

NOTES

Towards implementation of Local Government Reform based on the proposals of Dr. A.H. Marshall (Sessional Paper No. 5 of 1958 gives details of the Government's Proposal):-

Temporary specialist staff	\$ 25,000
Valuation	159,000
Elections	50,000
	<u>\$ 234,000</u>

598

HEAD XVIII - AMERINDIAN DEVELOPMENT

DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Alloca- tion 1960-64	Expendi- ture 1960	Expendi- ture 1961	Revised Estimate 1962	ESTIMATES 1963		
						Colonial Develop- ment & Welfare	OTHER	TOTAL
	\$	\$	\$	\$	\$	\$	\$	\$
1. Amerindian Develop- ment	14,695	322,200	32,169	71,644	73,270	57,330	6,370	63,700
2. Miscel- laneous Schemes		5,000		1,220	1,000		1,000	1,000
3. Kumaka- Quebanna Land Devel- opment (D 4359)		150,000	39,322	50,717	45,818	12,729	1,414	14,143
District Office, Orealla	5,989	20,000	10,367	7,753				
Rest Shelters	11,172	10,800	10,669					
Other Ex- penditure	49,719							
TOTAL	81,575	508,000	92,527	131,334	120,088	70,059	8,784	78,843

HEAD XVIII - AMERINDIAN DEVELOPMENT

Sub-head 1: Amerindian Development (D.4358)

Details of Expenditure	Expenditure 1961 \$	Approved Estimate 1962 \$	Estimate 1963 \$	Increase \$	Decrease \$
1. Personal Emoluments					
Salaries of Instructors		6,320	7,200	880	
Total, Personal Emoluments		6,320	7,200	880	
Other Charges					
2. Travelling of Instructors		480	480		
Total, Other Charges		480	480		
Capital					
3. Replacement of Equipment		1,200	1,200		
4. Extension of Good Hope/Karasabai Road	1,940	5,000	2,000		3,000
5. Kamarang Mouta/Paruima Road	14,603	14,270	10,020		4,250
6. Improvement to Roads, South Savannas Rupununi	25,620	30,000	10,000		20,000
7. Water Supply to Rupununi Villages	341	20,000	10,000		10,000
8. Medical Huts	2,167	6,000	2,000		4,000
9. Agriculture Development	21,361	30,000	20,800		9,200
Training Centres	5,378				
Communications - Radio	234				
Total, Capital	71,645	106,470	56,020		50,450
TOTAL	71,645	113,270	63,700		49,570

600

HEAD XIX - TOURISM

DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Alloca- tion 1960-64	Expendi- ture 1960	Expendi- ture 1961	Revised Estimate 1962	ESTIMATES 1963		
						Colonial Develop- ment & Welfare	Other Sources	TOTAL
	\$	\$	\$	\$	\$	\$	\$	\$
1. Tourism		225,000	4,111	20,763	48,000	-	50,000	50,000
TOTAL		225,000	4,111	20,763	48,000		50,000	50,000

NOTES

1. Includes provision for a pensionable post of Tourist Manager on Scale F 13 and also wages and station allowances to Caretakers at Kangaruma and Tukeit Rest Houses.

HEAD XX - ELECTRICITY DEVELOPMENT
 DETAILS OF EXPENDITURE.

SCHEME	Total Expenditure 1954 - 1959	Allocation 1960 - 1964	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	Estimate 1963		
						Colonial Development & Welfare	Other Sources	Total
	\$	\$	\$	\$	\$	\$	\$	\$
1. Electricity Development	481,330	2,650,000	102,715	628,586	1,000,000			
TOTAL	481,330	2,650,000	102,715	628,586	1,000,000			

607

HEAD XXI - FORESTS

DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Alloca- tion 1960-64	Expendi- ture 1960	Expendi- ture 1961	Revised Estimates 1962	ESTIMATES 1963		
						Colonial Develop- ment & Welfare	OTHER	TOTAL
	\$	\$	\$	\$	\$	\$	\$	\$
1. Forest Ap- praisals (United Nations Special Fund)		325,000			15,000		55,000	55,000
2. Expansion of Utili- sation Workshop		100,000			5,000		25,000	25,000
3. Central Timber Man- ufacturing Plant	288,064	125,000	4,468		100		100	100
Additional Temporary Staff (D 3261c)	109,873		7,674					
Total other 1954- 1959 Ex- penditure	234,842							
TOTAL	632,779	550,000	12,142		20,100		80,100	80,100

NOTES

1. Financial Assistance has been requested from the United Nations Special Fund towards the cost of the Forest Appraisal project estimated at \$325,000 over four years. Provision represents British Guiana's estimated contribution for 1963 - including purchase of survey maps, instruments, etc.
2. Workshop to be expanded over a period of 2-3 years.
3. Token Provision.

604

605

SCHEDULE OF RESERVATIONS

		\$ 1000	\$ 1000
heads	<u>Head I. AGRICULTURE</u>		
1.	Cocoa Development ..	50	
3.	Ebini Livestock Station ..	80	
7.	Coconut Industry ..	30	
10.	Training Centre, Mon Repos ..	100	
11.	Additional Staff ..	<u>25</u>	285
	<u>Head II. CIVIL AVIATION</u>		
1.	Improvement of Aerodromes, etc. ..	50	
2.	Purchase of Aircraft ..	<u>40</u>	90
	<u>Head III. DRAINAGE AND IRRIGATION</u>		
4.	Miscellaneous Works ..	200	
5.	Topographic Surveys ..	50	
9.	Black Bush/Canje Grazing Area ..	125	
10.	Jackson/Moleson Creek ..	<u>90</u>	465
	<u>Head IV. EDUCATION</u>		
1.	Primary Schools (Furniture) ..	64	
2.	Miscellaneous Works ..	<u>686</u>	750
	<u>Head V. INDUSTRY & CREDIT</u>		
1.	Credit ..	3000	
3.	Bank of Guyana ..	<u>1000</u>	4,000
	<u>Head VI. GEOLOGICAL SURVEYS</u>		
1.	Geological Surveys ..	<u>165</u>	165
	<u>Head VII. HEALTH</u>		
1.	Environmental Sanitation Programme ..	90	
3.	Filaria Eradication ..	<u>20</u>	110
	<u>Head VIII. HOUSING</u>		
1.	Housing ..	<u>400</u>	400
	<u>Head IX. LANDS & MINES</u>		

	<u>Head X. LAND DEVELOPMENT</u>		
	Miscellaneous ..	<u>400</u>	400
	<u>Carried forward</u>		<u>6,665</u>

606

			\$ <u>1000</u>	\$ <u>1000</u>
		<u>Brought forward</u>		6,665
<u>Subheads</u>	<u>Head XI. POST OFFICE</u>			
1 & 2.	Miscellaneous	..	<u>100</u>	100
	<u>Head XII. PUBLIC WORKS</u>			
1.	Parika /Bartica Road	..	200	
2.	Bartica/Potaro Road	..	100	
4.	East Bank Road	..	200	
5.	Sea Defences	..	500	
6.	Water Supply	..	200	
9	Public Buildings	..	300	
11.	Quarries & Craft	..	30	
15.	Lethem/Wichabai/Dadanawa Road	..	<u>20</u>	1,550
	<u>Head XIII. TRANSPORT & HARBOURS</u>			
1.	Rehabilitation of Shipping Services	..	200	
3.	Railway Renewals	..	<u>800</u>	1,000
	<u>Head XIV. MISCELLANEOUS</u>			

	<u>Head XV. RURAL SELF-HELP</u>			
1.	Rural Self-Help	..	<u>50</u>	50
	<u>Head XVI. SOCIAL WELFARE</u>			
7	Miscellaneous - S.H. n	..	<u>200</u>	200
	<u>Head XVII. LOCAL GOVERNMENT</u>			
	Local Government Reorganisation	..	<u>175</u>	175
	<u>Head XXI. FORESTS</u>			
	Miscellaneous	..	<u>60</u>	60
	<u>Head XXII. ARMY</u>			
	Army	..	<u>100</u>	100
				<u>\$ 9,900</u>

607

HEAD XVI - SOCIAL WELFARE

DETAILS OF EXPENDITURE

SCHEME	Total Ex- penditure 1954-1959	Alloca- tion 1960-64	Expendi- ture 1960	Expendi- ture 1961	Revised Estimate 1962	ESTIMATE 1963		
						DEVELOPMENT FUND		TOTAL
						Colonial Develop- ment & Welfare	Other Sources	
\$	\$	\$	\$	\$	\$	\$	\$	
1. New Prison		300,000		31,519			114,000	114,000
2. Community Organisation & Community Centres.		100,000	3,729	19,430	15,000		10,000	10,000
3. Youth Wel- fare & Sports De- velopment	8,607	237,920	4,403	34,195	6,000		6,000	6,000
4. Social De- velopment Training		12,080	480	6,566	1,600		1,000	1,000
5. Public Park & Recrea- tion Centre, Development of		(a)					30,000	30,000
6. Construc- tion of Swimming Pools. Establish- ment of a Borstal		(a)					70,000	70,000
Total other 1954-1959 Expenditure	60,052	100,000						
TOTAL	68,659	750,000	8,612	91,710	22,600		231,000	231,000

NOTES

2. For 50% grant towards the cost of Community Centres.
 5. For the conversion of the land now occupied by the Georgetown Golf Club into a public park and recreation centre.
 6. For the construction of two pools by self help in Albouystown and Campbellville.
- (a) Expenditure will be financed from the allocation for "Youth Welfare and Sports Development".

608

HEAD XV - RURAL SELF HELP

DETAILS OF EXPENDITURE

SCHEME	Total Expenditure 1954-1959	Allocation 1960-64	Expenditure 1960	Expenditure 1961	Revised Estimate 1962	ESTIMATE 1963		TOTAL
						Development Fund		
						Colonial Development & Welfare	OTHER Sources	
	\$	\$	\$	\$	\$	\$	\$	\$
1. Rural Self-Help Schemes (D 3122 A)	421,432	500,000	65,285	76,043	75,000	90,000	10,000	100,000
TOTAL	421,432	500,000	65,285	76,043	75,000	90,000	10,000	100,000

NOTES

To continue Rural Self-Help Schemes for Community projects. Government assistance may be up to 75% in the Interior and up to 50% in other areas.

EAST DEMERARA WATER CONSERVANCY BOARD

Georgetown, British Guiana.

Commissioners:

R.T. FINDLAY, Esq.	Chairman - Conservancy
W.A. CAMPBELL, Esq.	Commissioner Lamaha Estates
G. STRANG, Esq.	do do
G.B. GREENFIELD, Esq.	do do
R.A. WILKINS, Esq.	do East Coast Estates
T.O. TULLY, Esq.	do do
L. FORBES, Esq.	District Commissioner East Demerara
L.A. LUCKHOO, Esq., Q.C.	Mayor, Town Council
C.V. WIGHT, Esq., C.B.E.	Rep. do

I. GRANT, Esq. Consulting Engineer

COMMISSIONERS' REPORT

FOR YEAR ENDING 31ST DECEMBER, 1961.

Rainfall at Lama for the year is as follows:-

	1961		1960	
	Ins.	Pts.	Ins.	Pts.
January	5	10	5	67
February	2	07	2	58
March		63	2	98
April	-	-	9	99
May	4	10	7	43
June	13	93	11	41
July	11	86	14	25
August	8	74	8	93
September	3	43		96
October	1	49	3	18
November	5	77	6	10
December	6	34	7	96
	TOTAL	63 46	81 44	

Rain fell in January	15 days	13 days
February	12 "	6 "
March	5 "	5 "
April	- "	12 "
May	13 "	22 "
June	21 "	24 "
July	13 "	20 "
August	15 "	13 "
September	6 "	3 "
October	3 "	5 "
November	12 "	13 "
December	15 "	17 "
TOTAL	130 days	153 days

The highest water level at Lama was on Tuesday, 22nd August ... 56.80 G.D.
 The lowest water level at Lama was on Monday, 27th March ... 51.15 G.D.
 The water level at Lama on 31st December was ... 54.65 G.D.

COMMISSIONERS' HOUSES:

These are in good order and were painted in October 1961.
 Overhead tanks were installed during the year.

SERVANTS' AND LABOURERS' HOUSES:

These houses are in good condition and due to be painted in 1962.

PUNTS:

Five punts are in good condition but will need tarring in 1962.
 The three punt-houses need repairing. These punt-houses are used by the men working on No. 1 Steam Dredge, No. 2 Diesel Dredge and men cleaning canals.

COMMISSIONERS' CHANGES:

Mr. G. Strang replaced Mr. J. Baxter who retired from the Board on 17th July.
 Mr. R.A. Wilkins was away on business from end January to early March and again from 20th October to 1st November.

COMMISSIONERS' VISITS:

R.T. Findlay, Esq.	Chairman on the	18th March - 19th March
		12th May - 14th May
		25th July - 1st Aug.
		27th Sept. - 28th Sept.
		11th Nov. - 12th Nov.
T.O. Tully, Esq.	Commissioner	21st June - 23rd June
		21st July - 22nd July
R.A. Wilkins, Esq.	"	21st July - 22nd July
W.A. Campbell, Esq.	"	30th Dec. - 31st Dec.

BOATS:

The boat "Chairman" has been condemned and replaced by a new one "Arubia".

BOAT HOUSES:

Botanical Gardens, Haulover and Lama are in good condition.

LAUNCH:

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

LIGHTING PLANT:

This unit is in good condition and giving good results.

OUTBOARD MOTORS:

All four Archimedes are in fair condition, also inboard motor Redwing is in good condition.

FIRE BOATS:

Fireboat "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 good 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 14th March through Lama and Maduni Sluices.

Five irrigators started pumping water into the Conservancy from the Maduni Creek on 31st March. Two more sent by Diamond Estate and placed at Lama old sluice pumped water from 9th April to 15th April, but due to bad water these two irrigators were sent up to Maduni where they joined the other five irrigators. All seven irrigators continued to pump water into the Conservancy until 18th June. The hours worked are given for record purposes.

Pumping took place from 31st March to 18th June.

Maduni Sluice							Hours
31st March	/ 8th April	- 7 days	5 pumps	worked	23 hours	each	805
9th April	/ 15th "	- 7 "	5 "	"	23 "	"	805
16th "	/ 22nd "	- 7 "	7 "	"	23 "	"	1127
23rd "	/ 29th "	- 7 "	7 "	"	23 "	"	1127
30th "	/ 6th May	- 7 "	7 "	"	23 "	"	1127
7th May	/ 13th "	- 7 "	6 "	"	23 "	"	966
14th "	/ 20th "	- 7 "	7 "	"	23 "	"	1127
21st "	/ 27th "	- 7 "	7 "	"	23 "	"	1127
28th "	/ 3rd June	- 7 "	7 "	"	23 "	"	1127
12th June	/ 17th "	- 6 "	7 "	"	23 "	"	966
18th "		- 1 day	7 "	"	23 "	"	161
<u>70 days</u>							<u>10465</u>

Lama Sluice

9th April / 15th April - 7 days 2 pumps worked 23 hours each 322

Pumps were obtained from Bookers Sugar Estates and the Demerara Co. Ltd., and following the cessation of pumping on 18th June, were dismantled and returned to their respective owners.

DAMS:

All dams are in fair condition. On the north wing dam between the 200 rods and 400 rods where paal-offs have been put down and fresh dirt put on, this part of dam due to large crack in it will need some attention when the heavy rain comes.

LOCKS ON KOKERS:

All Proprietors' locks were removed from intake kokers on 1st July. All kokers were put on time run as from 8th August and are still on time run at end of December.

HAULOVER:

This is in fair condition. One of the 6" x 8" runner in the center of Haulover has been condemned and replaced by a 8" x 8".

LOCK BENAB:

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

NEW SHANKS CANAL:

About 200 rods of the eastern dam from the East Service was burnt out and repairs effected. A dredge is expected to go in this canal in 1962 to dig and make up a proper dam. Provision has been made for this work to be done in 1962.

LALUNI CREEK:

This was dug by the No. 2 Diesel Dredge to a distance of 548 rods and a good flow of water is coming through. It will need to be dug another 200 to 250 rods to connect up with the open swamp.

ENMORE WATER WAY:

This has been dug by the No. 1 Steam Dredge to a distance of 97 rods. Owing to the illness of the operator this work was stopped.

SLUICES:

Lama new and old sluices are in good condition.
Maduni new and old sluices are also in good condition. Paal-offs connected to these sluices are in fair condition.
Land of Canaan sluices and paal-offs 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 Sluice sluice and extension sluice. The paal-off in front of the labourers' house at Lama should be done in 1962.

618

DREDGES:

The No. 1 Steam Dredge last worked at Enmore Water Path, but is now laid up at Flag Staff.
 The No. 2 Diesel Dredge has worked digging the Laluni Creek for the past three months and is now laid up at Lama. It should go back in the Creek early 1962 to complete digging the Laluni Creek.
 The No. 2 Diesel Dredge completed 548 rods in the Laluni Creek.
 The No. 1 Steam Dredge worked in the East Service and North Wing Canal.

FOR DETAILS OF DREDGE WORK SEE BELOW

Dredge work for the year:-

The No. 1 Steam Dredge

	Days	Rods	Cords of Wood	Cost of Wood	Cost of Labour	Total Cost	Cost per Rod
East Service } North Wing }	113	2039	175	\$1,293.00	\$3,461.96	\$4,754.96	\$2.33

FUEL WOOD ACCOUNT

RECEIPTS:

Stock on Hand at 1st Jan. 1961	...	68 Cords at \$8.00	...	\$ 544.00
" " " " " "	...	59 " " 7.00	...	413.00
Cut during the year	...	83 " " 7.00	...	581.00
" " " " " "	...	4 " " 10.00	...	40.00
Total		214 Cords		\$1,578.00

DISPOSAL:

Consumed during the year	...	68 Cords at \$8.00	...	\$ 544.00
" " " " " "	...	107 " " 7.00	...	749.00
Stock on Hand	...	35 " " 7.00	...	245.00
" " " " " "	...	4 " " 10.00	...	40.00
Total		214 Cords		\$1,578.00

The No. 2 Diesel Dredge

	Days	Rods	Fuel Used Glns.	Cost of Fuel	Cost of Labour	Total Cost	Cost per Rod
New Cut South Wing } Laluni Creek } Extension Canals }	190	845	1263	\$511.51	\$3,741.19	\$4,252.70	\$5.03

RECEIPTS:

On Hand at 1st Jan. 1961	...	435 glns. Fuel	...	\$ 176.17
Received during the year	...	2188 " "	...	886.14
		2623 glns.		\$1,062.31

DISPOSAL:

Consumed during the year	...	1263 glns. Fuel	...	\$ 511.51
Stock on Hand 31st Dec. 1961	...	1360 " "	...	550.80
		2623 glns.		\$1,062.31

EXPENSE ACCOUNT

MANAGEMENT:	Est'd. 1961	Actual 1961
Secretary	\$1920.00	\$2125.00
Superintendent	4320.00	4673.79
" Trav. Expenses	480.00	493.23
Consulting Engineer	900.00	937.50
" Engr. Trav. Expenses	75.00	75.00
Auditor	300.00	360.00
	<u>\$7995.00</u>	<u>\$8664.52</u>
COMMISSIONERS' HOUSES:		
Servants, etc.	\$1165.00	\$1331.05
Repairs & Painting	3000.00	3973.59
Upkeep of Yard & Paal-off	300.00	555.44
Sundries	800.00	916.87
	<u>\$5265.00</u>	<u>\$6776.95</u>
OFFICE EXPENSES:		
Clerical Assistant	\$ 250.00	\$ 260.38
Attendant	160.00	166.63
Telephone Rent	100.00	72.70
Printing, Stationery	400.00	532.18
Stamps for Postage, Receipts, etc.	50.00	30.03
	<u>\$ 960.00</u>	<u>\$1061.92</u>
REPAIRS & RENEWALS (including painting)		
Labourers' Cottages	\$ 600.00	\$1654.08
Annandale Watch House	500.00	-
Cane Grove Watch House	-	-
Boat Houses	2000.00	292.90
Haul Over	300.00	111.20
Boats	1500.00	274.95
Iron Punts	300.00	-
Lock (Benab)	3000.00	176.28
	<u>\$8200.00</u>	<u>\$2509.41</u>
SLUICES:		
Lama	\$ 400.00	\$ 110.40
Maduni	400.00	180.20
Benab	-	80.68
Land of Canaan	500.00	-
	<u>\$1300.00</u>	<u>\$ 371.28</u>
NO. 1 DREDGE		
Foundry work & spares	\$3000.00	\$1038.71
NO. 2 DREDGE		
Foundry work & spares	\$1500.00	\$4068.31
MOTOR LAUNCH:		
Launch Crew	\$6000.00	\$6118.75
Repairs	500.00	153.57
Supplies	500.00	68.80
Fuel	1000.00	1277.55
	<u>\$8000.00</u>	<u>\$7618.67</u>
MISCELLANEOUS EXPENSE:		
Rent of Crown Lands	\$ 300.00	\$ 386.31
Royalty on Wood	200.00	-
Commissioners' Expen.	1200.00	291.82
Messengers	-	-
Medical Attendance & Medicines	700.00	741.69
Insurance	1500.00	2691.47
Transpt. Punts	-	-
Materials, Spars, Beams etc.	-	-
Contingencies	5000.00	1964.12
Pensions	1200.00	1234.00
Interest on Loans	1200.00	1167.38
Sundries	300.00	-
Ex Gratia Payments	-	1330.00
	<u>\$11600.00</u>	<u>\$9806.79</u>

GRATUITY TO STAFF:

	-	-
--	---	---

LAMAHA & EXTENSION CANALS:

	Est'd. 1961	Actual 1961
Cleaning Creeks & Canals	\$12000.00	\$ 9393.27
Repairing Dams	2000.00	5996.03
Foremen & Ranger	3000.00	4588.75
Extinguishing Fires	100.00	-
Gauges, Poles & Notice Boards	-	18.75
Priestman's Dredge-Labour	-	2756.82
Fuel	-	392.83
Supplies	-	73.66
Repairs	-	.66
Towing	-	-
Watchmen	-	16.50
Land of Canaan Relief Canal	2000.00	612.70
Superintendance & Sundries	200.00	-
Land of Canaan Ranger	600.00	1059.00
" " " Road Sluice	400.00	75.00
	<u>\$20300.00</u>	<u>\$24983.97</u>
EAST SERVICE CANAL:		
Weeding Canal & Dams	\$ 2400.00	\$ 3095.98
Repairing Dams	800.00	410.80
Ranger	800.00	796.50
Extinguishing Fires	100.00	155.00
Priestman's Dredge-Labour	3500.00	2256.46
Fuel	1200.00	1095.00
Supplies	500.00	70.09
Towing	-	232.50
Watchmen	400.00	441.00
Repairs	-	153.50
Repairing Dams & Renewing Poles	-	-
Opening & Closing Kokers	-	592.49
	<u>\$ 9700.00</u>	<u>9299.32</u>
DREDGES Fuel (1963d):	-	-
LALUNI CREEK - Digging:	-	-
WEST SERVICE CANAL:		
Weeding Canals & Dams	\$ 1500.00	\$ 1589.28
Repairing Dams	100.00	-
Extinguishing Fires	-	48.00
Ranger	600.00	744.75
Superintendent's Cut	500.00	244.46
Priestman's Dredge-Labour etc.	-	-
Repairing Gauges & Renewing Poles	-	-
	<u>\$ 2700.00</u>	<u>\$ 2626.49</u>
NORTH WING DAM:		
Weeding Canals & Dams	\$ 2000.00	\$ 987.41
Repairing Dams	2000.00	2251.66
Ranger	700.00	648.75
Extinguishing Fires	100.00	133.53
Priestman's Dredge-Labour	2000.00	741.97
Fuel	500.00	350.00
Supplies	500.00	-
Repairs	-	19.40
Towing	-	5.00
Watchmen	300.00	27.00
Repairing Gauges & Renewing Poles	-	-
	<u>\$ 8100.00</u>	<u>\$ 5164.72</u>
SOUTH WING DAM:		
Weeding Canals & Dams	\$ 500.00	\$ 569.38
Repairing Dams	2500.00	2269.94
Ranger	1000.00	882.00
Cleaning Maduni Creek	50.00	-
Priestman's Dredge-Labour	-	896.28
Fuel	-	400.00
Supplies	-	26.10
Repairs etc.	-	-
Repairing Gauges & Renewing Poles	-	-
	<u>\$ 4050.00</u>	<u>\$ 5043.70</u>

614

ANNANDALE WATER PATH:

	Est'd. 1961	Actual 1961
Weeding Canals & Dams	\$1500.00	\$ 843.37
Repairing Dams	100.00	43.25
Ranger	600.00	745.50
Extinguishing Fires	-	-
Cleaning Anira Creek	400.00	288.40
Priestman's Dredge-Labour, etc.	-	-
Repairing Gauges, & Renewing Poles	-	-
Cleaning Lama Creek	150.00	313.50
	<u>\$ 2750.00</u>	<u>\$ 2234.02</u>

SHANKS CANAL:

	Est'd. 1961	Actual 1961
Cleaning Canals	\$2000.00	\$1645.32
Weeding & Repairing Dams	300.00	951.00
Ranger	750.00	816.50
Sundries	150.00	93.00
Repairing Paal-off	100.00	-
	<u>\$3300.00</u>	<u>\$3505.82</u>

OPENING & CLOSING KOKERS: - -

SUMMARY

Expense Account	Estimated 1961	Actual 1961
Expense Account	\$47,820.00	\$41,916.56
Lamaha & Extension Canals	20,300.00	24,983.97
East Service Canals	9,700.00	9,299.32
West Service Canals	2,700.00	2,626.49
North Wing	8,100.00	5,164.72
South Wing	4,050.00	5,043.70
Annandale Water Path	2,750.00	2,234.02
Shanks Canal	3,300.00	3,505.82
Opening & Closing Kokers	-	-
Total	<u>\$ 98,720.00</u>	<u>\$ 94,774.60</u>

V. L. FERNANDES,
Superintendent (Actg.).

615

EAST DEMERARA WATER CONSERVANCY
GENERAL MAINTENANCE

Revenue Account for year ended 31st December, 1961

DR:			CR:
To: Expenditure on upkeep as per analysed statement	\$ 94,774.60	By: Assessments collected	\$ 98,720.00
Balance being excess of Revenue over expenditure	5,311.85	Interest received	1,366.45
	<u>\$100,086.45</u>		<u>\$100,086.45</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 (DRAGLINE).

To: Repaid to 31/12/60	\$16,000.00	By: Cash received from:-	
" during year	4,000.00	Bookers Sugar Estates Ltd.	\$30,000.00
Balance owing to:-		Demerara Co. Ltd.	10,000.00
Bookers Sugar Estates Ltd.	10,469.78		<u>\$40,000.00</u>
Demerara Co. Ltd.	3,489.93	Less: Unexpended amount repaid	6,040.29
	<u>13,959.71</u>	Cost of Dragline	\$33,959.71
	<u>\$33,959.71</u>		<u>\$33,959.71</u>

BALANCE SHEET AS AT 31ST DECEMBER, 1961

LIABILITIES		ASSETS	
Loan Creditors:		Priestman Dredge (Dragline)	\$33,959.71
Bookers Sugar Estates Ltd.	\$10,469.78	Stock of Fuel:-	
Demerara Co. Ltd.	3,489.93	Oil	\$ 550.80
	<u>\$13,959.71</u>	Wood	<u>285.00</u> 835.80
Sundry Creditors	479.69	Recoverable expenditure for supplying water during drought in year 1961	\$24,560.48
Amounts due for expenditure re drought of year 1961 to the following:-		Less: Collected to 31st December	<u>21,753.94</u>
Enmore Estates Ltd.	\$17,925.52	Amount outstanding	2,806.54
Ressouvenir Ests. Ltd.	2,981.06	Cash at Barclays Bank:-	
Demerara Co. Ltd.	<u>3,653.90</u>	Current Account	\$32,794.19
Depreciation Fund	20,000.00	Special Account	<u>1,200.00</u> 33,994.19
GENERAL RESERVE A/C:			
Balance at 31/12/60	\$13,489.33		
Less: Transfd. and utilised towards 1959 drought expenses	<u>13,489.33</u>		
REVENUE A/C:			
Balance at 31/12/60	\$ 7,284.51		
Add: Surplus being excess for year 1961	<u>5,311.85</u>		
	<u>12,596.36</u>		
	<u>\$71,596.24</u>		<u>\$71,596.24</u>

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

D. HOWARD,
Secretary.

Georgetown, Demerara,
3rd January, 1962.

EAST DEMERARA WATER CONSERVANCY BOARD.

AUDITOR'S REPORT

I have examined the above Balance Sheet dated 31st December, 1961 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.
8th January, 1962.

