



15th September - 31st October, 1970

1. General

A full meeting of the Executive Committee on the 18th, 19th & 20th October followed two meetings of the Planning & Steering Sub-Committee (20th September & 6th October), and one each of the Health & Education (23rd September) and Finance & Administrative (7th October) Sub-Committees. The Mileiha Board has also met several times during the period. A report on the current activities of the Agricultural & Veterinary Departments was presented by the Agricultural Adviser, and this is attached as an appendix.

The Committee considered how the anticipated deficit in the 1970 Budget could be met; this anticipated deficit was caused by a shortfall in revenue from bank deposit interests, by an accelerated level of activity in construction work on the East Coast and Transpeninsular Roads and by losses on the operation of public utilities due mainly to the subsidised rates charged.

2. Capital Works Programme

(a) Roads

Surfacing of the Transpeninsular Road in the vicinity of Masafi began on 10th October, and although progress at first has been disappointingly slow, the surfacing carried out has been successful and the workers responsible have formed a hard-working and interested team.

The Royal Engineers continue to make good progress on bridge and culvert work in the Wadi Ham.

On the East Coast itself some reorganisation has taken place and this has meant some reduction in labour strengths.

Good progress has been made on the survey of the Dubai-Sharjah Road for the proposed second carriage way.

(b) Harbours

Surveys and negotiations have been carried out during the month, both in Umm al Qaiwain and Ajman, with a view to a contract for dredging being arranged and work starting on the erection of groynes, both operations being carried out concurrently, first in Umm al Qaiwain and then in Ajman.

/ (c) Buildings, West Coast & Gulf



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Remaining work on the work for Ras al Khaimah Hospital is the fitting of the X-Ray equipment and completion of chain link fencing to the compound.

Re-planning of the interior of the main block of the Sharjah Hospital has now been completed, and the contractor will shortly resume work. A revised design for the Out-patient Department is in preparation.

Dhaid Health Centre is 95% complete but a start has yet to be made on Staff Housing before it can be brought into operation.

P.W.D. direct labour operations continue on the Veterinary Clinic, Sharjah (45% complete), junior staff housing on the Mileiha Agricultural Scheme (5% complete), and Ras al Khaimah Cooperative & Marketing Building (40% complete).

The contract for the School and Clinic on Abu Musa Island progresses well and both are shortly due for completion.

(d) Building, East Coast

The contract for the Dibba Hospital is complete except for anti-static floor tiling in the operation theatre. The Outpatients Department built by P.W.D. direct labour has been completed. Staff housing, under contract, and consisting of two doctors' houses, sisters, nurses and junior staff quarters, approaches completion.

Other direct labour operations now complete and handed over are ten houses in Husn Dibba and eight in Fujairah Dibba, the Malaria Unit Centre in Khor Fakkan, and staff quarters and offices for Fujairah Power Station. A start has been made on offices and stores for the Agricultural and Veterinary Departments in Kalba and a Cooperative & Marketing Building in Kalba.

(e) Electricity

Six pocket sub-stations on order from the U.K. arrived in September, and of these two have been installed in Ajman and one in Umm al Qaiwain, the remaining three being kept in store to be available for immediate use in new growth areas. In Ajman the H.V. line parallel to the main road entering the town has been re-routed and a new H.V. line has been constructed to serve the new Iranian Hospital extension which has a loading of 250 KVa. The extension of the H.V. line serving the new villas for the Ruler's family at Umm al Qaiwain is virtually complete.

On the East Coast, a medium voltage line feeding the new cinema and market area in Fujairah is complete. 50 new consumer connections in the town were made during October. Electrical wiring were completed for the Malaria Unit House in Khor Fakkan, for the O.P.D. & staff houses at the Hospital in Dibba, and for the Electricity Office & Quarters in Fujairah.

At Mileiha a complete overhaul of the diesel generators has been completed, as well as routine checks on all the pumps there.



(f) Town & Village Water Supplies

In Ajman new 3" lines were laid in September in the Balouchi quarter and in the vicinity of the Irani Hospital. 1,300 metres was excavated and 600 metres of 6" pipe laid.

On the Jezirat Za'ab Water Scheme the following work was completed during October, using local contractors to the maximum amount possible:-

10" Burairat Line	4,000 m excavated
	4,500 m pipe laid
	1,000 m pipe tested
6" Jazirat Za'ab Line	2,250 m excavated
	3,000 m pipe laid
	3,000 m pipe tested
	5,500 m pipe back-filled
6" Jazirat Za'ab Line replaced (damaged by Mohamed bin Ladin Organisation)	700 m excavated, pipe laid, pipe tested and backfilled.

3. Rural Water Development

The four drilling rigs operated by the Water Division of the P.W.D. have been in action during the period and have drilled the following depths (in metres):-

	<u>September</u>	<u>October</u>
Rig No. 1	153.9	152.5
2	136.6	95.4
3	54.7	80.0
4	136.8	77.7

Rig No. 1 started the period by completing a garden development borehole in Khavanij, then moved to Al Barat (south of Dhaid) where three holes were drilled (one unsuccessful), then returned to Khavanij but drilling there had to stop due to caving in. The rig finally moved to Jebel Fayya.

Rig No. 2 was moved to Ajman early in September for trial holes for a new Ajman town water supply. Five holes were drilled before the rig was stopped for repairs.

Rig No. 3 was employed in Fujairah, firstly to complete earthing boreholes for the Fujairah Water Authority and then on three garden holes requested by the Ruler.

Rig No. 4 was employed at Ghail for most of the period, drilling four holes there (one unsuccessful) before being moved to Burairat.

Full pumping tests were carried out at Ajman, Al Barat, Digdaga and Fujairah.

Falaj clearance and construction gangs have continued in Khatt, Hatta and Masfut.



4. Technical Education

Five of the Commercial Course students from the Dubai Trade & Technical School have successfully passed the General Certificate of Education examination in Accounts, 'O' level.

5. Fisheries

The joint Survey with International Proteins Corporation continues from the Council's Research Vessel 'Majid' both in the Arabian Gulf and in the Gulf of Oman. An agreement has been reached with the Corporation whereby the vessel is chartered when operating in waters off the Sultanate of Oman. The prospects of a Fisheries Industry continue to look promising, though with a different emphasis than that originally envisaged.

6. Statistics

As the close of the year approaches it is appropriate to assess the measure of assistance which individual States have received from the Development Fund since its establishment in 1965. Attached is a summary of the Capital Expenditure of the Fund for each of the six years of its existence (1970 shows revised estimate figures) dividing projects between those related to the development of the Northern Trucial States as a whole and those where the benefit is directed more to individual States. This produces the following analysis:-

State	Population (1968 Census)	Total Expen- diture to end 1970	Total Per Capita Expen- diture	Annual Average Per Capita Expenditure
		BD	QDRs.	QDRs.
General	132,600	2,409,737	182	30
Dubai	59,000	282,049	48	8
Sharjah	31,500	1,300,772	413	69
Ajman	4,200	508,897	1,212	202
Umm al Qaiwain	3,700	618,235	1,671	279
Ras al Khaimah	24,500	1,482,549	605	101
Fujairah	9,700	690,426	711	119
Total Trucial Oman (including T.O.S.)	133,800	7,292,665	545	91

Whereas the object of the Development Fund is to help in the development of the Trucial States as a whole, without favouring any particular State, this in fact shows that the smaller and less developed the State the greater has been the per capita assistance towards it.

Also attached is a table showing the growth of the recurrent services provided by the Development Fund. Most of this expenditure is that which elsewhere would form part of a country's normal Government expenditure, and it is an anomalous charge on a Development Fund. But failing any other source of income these services, available to all the Northern Trucial States, have been provided by the Fund, and it is to be hoped that most of them will be taken over in the near future by a Government of the Union of Arab Emirates when it is set up. For the 1971 Budget, now in the course of preparation, a sharp increase in the cost of Health Services is anticipated, following the establishment of the new Health Centres at Ras al Khaimah, Dibba, Sharjah & Dhaid, and the commencement of operations by the Malarial Control Unit.



TRUCIAL STATES COUNCIL  
Development Office

REPORT ON THE ACTIVITIES OF  
THE OFFICE OF THE AGRICULTURAL ADVISER

Entomology:

The basic work of the Entomologist according to the terms of reference submitted is "to make an initial survey of the insects affecting crops and livestock, and to advise on control measures".

During the 9 months since the appointment of the Entomologist, much has been accomplished in the way of basic work necessary to fulfil this objective. The first necessity was the organization of office and laboratory facilities, the ordering of books and equipment, and other somewhat minor items. This task is now largely complete. The pesticide store, where sprayers and insecticides are on sale to the farming community has gradually been completely refurbished, and new shelves have been erected. In addition an attempt has been made to rationalise the ordering and sale of pesticides, so that the farmers obtain these materials at the lowest possible price and so that they are always available ex-stock at Digdaga. Small stocks of insecticides are available at the gardens run by this office at Kalba, and at Falaj al Mu'allah.

Many visits to farmers have been made and advice has been freely given on crop protection matters. Usually, specimens of insects causing damage are collected on these visits, and at other times insects specimens are brought in by our field extension agents or by the farmers themselves. Normally it is possible to identify and/or give control recommendations immediately to the farmer; the insects are then sent to the British Museum for positive identification by top experts. In this way over 30 pests of annual and perennial crops in the Trucial States have so far been recorded and it is hoped that many more will be positively identified during the coming months.

Vegetable Trials

Thirty three varieties of vegetables were tried out during the growing season 1969/70. Eleven varieties of other crops were also tried.

Forest tree and Ornamental Planting Material Nursery

A permanent nursery has been established for this work. The demand for the purchase of materials outstrips the supply. Efforts are being made to rectify this matter.

Fruit Tree Seedlings

Production of citrus, mango, grape, pomes, fig, and other continue. This year's production is greater than ever before.

Freisian Dairy Herd

Twenty-eight cows & two bulls were received by air in December 1969 from which twenty-seven calves were born. Two animals died soon after arrival including one bull. Four other animals have been lost during the summer indirectly from unsuitable bedding and heat stress. The herd total is now 51.

12,523 gallons of milk have been produced in the nine months to date. At its peak over 70 gallons of milk daily were being produced from 27 cows. With the hot weather and the fact that some of the cows are nearing the end of their lactation this has now fallen to 45 gallons per day.



A great deal has been learned regarding the requirements of these cows during the hot season - bedding and adequate cooling being the main problems.

Since spraying twice weekly against ticks, no serious disease conditions have been encountered. An outbreak of hoof rot which caused considerable trouble is now under control.

The calves have survived the hot weather remarkably well and are very fit. The cows also are in good condition.

It is not yet known how badly the hot weather will have affected the breeding performance of the animals but at least eight cows are known to be again in calf.

#### Shami Goats

The original number imported in 1968 was eighteen these have multiplied and the current total is thirty eight head.

The herd is in a satisfactory condition.

#### Poultry

Over 1,000 eggs of our production were hatched and the majority were sold to farmers. With the arrival of the winter, hatching will start again.

#### Agricultural extension service

One Field Assistant with a staff of six village agents try to cover the whole area giving technical advice to farmers. This number is insufficient to give a full enough cover. Bearing in mind that the area under cultivation and the number of farmers continue to increase rapidly it is essential that this matter receive attention.

#### Tractor Hire

The demand for the hire of tractors continue to outstrip the supply. It is gratifying that the farmers on the East Coast are now being given this service.

#### Income

It is interesting to note that the departmental Income from sales and services has doubled during the current year due to the increase in overall activities. It is a matter of regret to the Agricultural Adviser that the hire charge for tractors is fixed so very low.

#### Agricultural School

At the end of the school year 1969/70 five students graduated, two of them were appointed in the Veterinary Section and one on the Maleiha Scheme. A fourth is expected to take up an appointment soon in this Department.

The current school year 1970/71 opened with 24 pupils enrolled. This is a most gratifying increase from previous years.

While minor improvement to buildings have been carried out the quality and quantity of the buildings is still far from satisfactory.

The school makes an essential contribution to the staffing of the Agricultural and Veterinary services of this Department.



### Veterinary Section

A clinical service was being provided free to the stock owners with centres based in Digdaga, Umm al-Qawain and Ajman. This includes free drugs and treatment.

Since the return of Dr. Asali in September the territory has been divided into two divisions; North and South. The Northern division is based in Digdaga under Dr. Ansell whilst the South is based in Sharjah under Dr. Asali. The Northern area of responsibility is the state of Ras Al-Khaimah, plus the East Coast whilst the South constitutes the remainder.

The technical staff comprises of 2 Veterinary Surgeons, 2 ex-Agricultural Graduates (under training) and 4 junior assistants.

In the last three months 1901 head of stock have been treated in the Northern division and in the South.

Meat inspection is carried out in Ras al Khaimah on alternate days but will shortly be extended to a daily basis when suitable premises can be found for housing the Veterinary Assistant. No other meat inspection is being done at the moment but is strongly felt that an attempt should be made in the coming year to extend the services to other towns.

Much of the work is of necessity carried out by the veterinary assistants and unless further recruitment of Veterinary Surgeons is envisaged this system will have to continue. It is not satisfactory to have diagnosis and treatment done by unqualified staff but there is little alternative and the obvious way to extend the service is to construct further clinics run by Veterinary Assistants. The East Coast is particularly badly served in this respect and a clinic will be established there shortly assuming funds are available.

It is recommended that health regulations should be formulated to prevent the introduction of diseased animals to the territory. This is particularly necessary to prevent Rabies being introduced from Iran.

The lack of a diagnostic laboratory should be rectified as soon as funds are available as this is a vital and integral part of any veterinary services.

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17/10/1970

TRUCIAL STATES DEVELOPMENT FUND, ANALYSIS OF CAPITAL EXPENDITURE, BY STATES

Appendix 'B'

	1965/66	1966/67	1967	1968	1969	1970 (Revised Estimate)
	BD	BD	BD	BD	BD	BD
<b>1. General</b>						
Agriculture, Vet & Marketing (Rural Water)	64,000	123,000	136,921	194,518	208,012	157,553
Fisheries	-	-	-	-	142,515	19,216
Roads	99,682	389,257	54,914	152,626	228,157	401,000
Electricity	535	54	9,055	13,750	11,822	-
General	-	2,770	297	3	-	-
<b>Total General .. ..</b>	<b>164,217</b>	<b>515,081</b>	<b>201,187</b>	<b>360,897</b>	<b>590,586</b>	<b>577,769</b>
<b>2. Dubai</b>						
Technical Education	-	60,995	2,546	-	-	20,993
Health	-	14,101	21,242	14,176	22,446	33,550
Electricity	-	-	46,667	34,887	10,446	-
<b>Total Dubai .. ..</b>	<b>-</b>	<b>75,096</b>	<b>70,455</b>	<b>49,063</b>	<b>32,892</b>	<b>54,543</b>
<b>3. Sharjah</b>						
Technical Education	-	18,016	-	-	-	1,500
Health	-	-	100	8,197	90,159	214,750
Agriculture, Vet & Marketing	-	-	51,067	157,424	30,572	42,651
Fisheries	-	-	-	-	-	5,000
Harbours	168	1,197	52,057	53,040	1,315	-
Roads	440	42,190	17,480	29,314	469	-
Town & Village Water Supplies	160,000	410	12,612	39,492	22,145	14,000
Electricity	-	50,670	82,996	52,931	-	-
Housing	-	-	-	-	9,594	26,535
Urban Development	-	2,243	5,016	686	4,336	-
<b>Total Sharjah .. ..</b>	<b>160,608</b>	<b>114,726</b>	<b>221,328</b>	<b>341,084</b>	<b>158,590</b>	<b>304,436</b>
<b>4. Ajman</b>						
Harbours	-	56	355	32,071	979	4,010
Roads	-	6,101	21,442	1,218	55	-
Town & Village Water Supplies	34,706	30,645	9,949	5,110	9,810	30,000
Electricity	-	2,679	37,025	11,268	60,634	169,000
Housing	-	-	-	-	-	6,000
Urban Development	180	7,280	4,071	12,316	10,098	750
Telecommunications	-	-	-	1,399	690	-
<b>Total Ajman .. ..</b>	<b>34,886</b>	<b>46,761</b>	<b>72,842</b>	<b>63,382</b>	<b>82,266</b>	<b>209,760</b>

/ 5. Umm al Qaiwain



	1965/66	1966/67	1967	1968	1969	1970 (Revised Estimate)
	BD	BD	BD	BD	BD	BD
5. <u>Umm al Qaiwain</u>	-	-	-	207	18,563	24
Health	-	56	355	32,071	979	41,009
Harbours	-	6,101	21,442	1,218	62	-
Roads	4,507	28,750	150,038	49,266	1,613	64,000
Town & Village Water Supplies	-	4,078	37,598	10,299	53,316	52,000
Electricity	-	3,750	7,379	9,317	17,099	-
Housing & Urban Development	-	-	-	1,399	1,739	-
Telecommunications	-	-	-	-	-	-
Total Umm al Qaiwain .. ..	4,507	42,735	216,812	103,777	93,371	157,033
6. <u>Ras al Khaimah</u>	-	-	47,661	116,930	35,088	-
Technical Education	-	-	28,182	102,006	129,329	132,700
Health	-	-	30,718	9,819	2,221	2,500
Agriculture, Vet & Marketing	-	-	-	-	-	-
Harbours	21,700	34,662	1,267	-	-	-
Roads	-	80	-	34,924	2,290	-
Town & Village Water Supplies	66,600	16,000	-	11,541	66,035	160,000
Electricity	93,370	32,666	49,415	103,307	49,278	14,000
Urban Development	-	-	29,340	11,753	500	-
Telecommunications	-	46,667	-	-	-	-
Total Ras al Khaimah .. ..	181,670	130,075	186,583	390,280	284,741	309,200
7. <u>Fujairah</u>	-	-	-	4,562	88,422	214,200
Health	-	-	-	-	-	2,000
Fisheries	-	-	-	-	-	5,000
Harbours	-	-	-	-	-	20,000
Roads	-	-	-	-	-	33,000
Town & Village Water Supplies	-	-	2,938	14,095	38,147	75,000
Electricity	-	-	413	6,467	94,983	21,226
Housing	8,999	23,302	23,675	6,724	3,843	28
Urban Development	-	-	-	-	3,402	-
Total Fujairah .. ..	8,999	23,302	27,026	31,848	228,797	370,454
Total .. . . .	554,989	996,065	982,779	1,305,503	1,471,151	1,983,195



ANALYSIS OF RECURRENT & MINOR CAPITAL EXPENDITURE

Department	April 1965	April 1966	April-Dec. 1967	1968	1970	
	March 1966	March 1967			1969	(Revised Estimate)
	BD	BD	BD	BD	BD	BD
<b>A. <u>Council Headquarters</u></b>						
Recurrent	19,227	29,779	25,306	37,621	46,928	54,170
Minor Capital	<u>3,037</u>	<u>2,731</u>	<u>5,414</u>	<u>1,269</u>	<u>3,323</u>	<u>3,610</u>
Total	22,264	32,510	30,720	38,890	50,251	57,780
<b>B. <u>Agricultural Services</u></b>						
Recurrent	36,231	41,521	36,263	51,729	64,360	106,309
Minor Capital	<u>4,462</u>	<u>13,983</u>	<u>3,358</u>	<u>3,132</u>	<u>17,062</u>	<u>24,700</u>
Total	40,693	55,504	39,621	54,861	81,422	131,009
<b>C. <u>Technical Education</u></b>						
Recurrent	49,842	65,967	86,753	145,303	187,853	224,930
Minor Capital	<u>36,960</u>	<u>-</u>	<u>19,692</u>	<u>43,909</u>	<u>84,059</u>	<u>23,700</u>
Total	86,802	65,967	106,445	189,212	271,912	248,630
<b>D. <u>Scholarships &amp; Training</u></b>						
Technical Education Teachers	12,210	698	20,658	33,354	29,990	16,000
Courses of Instruction for Staff	-	-	484	85	1,157	1,000
General Scholarships	<u>2,487</u>	<u>23,201</u>	<u>3,158</u>	<u>13,864</u>	<u>15,846</u>	<u>17,000</u>
Total	14,697	23,899	24,300	47,303	46,993	34,000
<b>EA. <u>Health Headquarters</u></b>						
Recurrent	-	-	5,098	8,379	10,036	21,616
Minor Capital	<u>-</u>	<u>-</u>	<u>2,050</u>	<u>95</u>	<u>1,137</u>	<u>5,500</u>
Total	-	-	7,148	8,474	11,173	27,116
<b>EB. <u>Central Hospital</u></b>						
Recurrent	19,729	20,071	61,164	121,176	162,774	} 149,737
Minor Capital	<u>10,349</u>	<u>2,500</u>	<u>1,304</u>	<u>11,641</u>	<u>11,907</u>	
Total	30,078	22,571	62,468	132,817	174,681	149,737
<b>EC. <u>Health Centres &amp; Clinics</u></b>						
Recurrent	46,242	51,816	42,924	78,908	117,895	194,260
Minor Capital	<u>-</u>	<u>810</u>	<u>11,186</u>	<u>14,201</u>	<u>12,600</u>	<u>23,700</u>
Total	46,242	52,626	54,110	93,109	130,495	217,960

/ ED. Malaria Control Unit



ANALYSIS OF RECURRENT & MINOR CAPITAL EXPENDITURE (CONT'D)

Department	April 1965	April 1966	April-Dec. 1967	1968	1969	1970
	March 1966	March 1967		BD	BD	(Revised Estimate)
	BD	BD	BD	BD	BD	BD
<u>ED. Malaria Control Unit</u>						
Recurrent	-	-	-	-	-	35,200
Minor Capital	-	-	-	-	-	12,800
Total	-	-	-	-	-	48,000
<u>F. Public Works</u>						
Recurrent	3,242	21,165	29,550	47,950	70,838	120,581
Maintenance	-	-	3,229	8,354	59,793	58,000
Minor Capital	349	7,845	16,288	4,545	27,423	63,700
Total	3,591	29,010	49,067	60,849	158,045	242,281
<u>G. Fisheries</u>						
Recurrent	-	-	320	12,840	40,180	54,732
Minor Capital	-	-	1,100	8,762	10,079	15,400
Total	-	-	1,420	21,602	50,259	70,132
<u>H. Marketing &amp; Cooperatives</u>						
Recurrent	-	-	-	-	2,549	13,070
Minor Capital	-	-	-	-	2,674	1,200
Total	-	-	-	-	5,223	14,270
<u>I. Agricultural School</u>						
Recurrent	6,800	4,702	3,978	7,111	12,749	13,074
Minor Capital	4,522	2,678	3,322	2,595	7,160	1,250
Total	11,322	7,380	7,300	9,706	19,909	14,324
<u>J. Veterinary Services</u>						
Recurrent	-	-	1,745	7,514	10,211	20,320
Minor Capital	-	-	-	457	178	6,900
Total	-	-	1,745	7,971	10,389	27,220
<u>K. Mileiha Agricultural Scheme</u>						
Recurrent	-	-	1,399	10,281	28,625	53,570
Minor Capital	-	-	-	2,864	3,343	4,000
Total	-	-	1,399	13,145	31,968	57,570
<u>L. Staff Provident Fund</u>						
Recurrent	-	-	-	-	-	10,021
Minor Capital	-	-	-	-	-	-
Total	-	-	-	-	-	10,021
Total Recurrent	196,011	258,920	322,030	583,864	861,774	}
Total Minor Capital	59,681	30,548	63,714	93,470	180,946	
Total	255,692	289,468	385,744	677,334	1,042,720	1,350,000