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REC'D
MAY 12

EAST AFR. PROT
15786

314
Date
1912
April
Paper

MUMIAR STATION

The reports by Provincial Commissioner Nyanza and the M.O., Kisumu, agree it can never become a really healthy station but Mr R. L. Horne has effected an enormous improvement. Recapitulates suggestions which have been made for further improvement.

Dr. Horne

Mr. Reed

An attempt is apparently being made to make the best of a bad bargain, & the suggestion for improvements on the proper lines & might be approved.

I imagine that the Medical Dept. was not consulted in the choice of site for the town in 1907.

11th 20/12

Dr. J. J. Fisher

Increase in present small station, but if, as is probable, the Uganda R^r is extended to it before long it will increase in importance & will probably be made the centre of a district or

Sincerely

For forwarded by 17/12

Subsequent Paper
412524

be heavily committed that we shall
be unable to move to a better site
I would tell the Gov. that it appears to Mr. H. [unclear] to
advise [unclear] to stop all further expend^{re}
on the ^{present station} ~~site~~ beyond what is absolutely
necessary, & ~~to take the necessary steps~~

to take steps at once to select
with the assistance of the Medical Deptⁿ
a new & healthy site at a convenient
point in the district - adding that

it will probably be better ^{the first}
instance to erect temporary buildings
only so that the site may be thoroughly
tested before any large expend^{re} is
incurred in connection with it

The more ought not to cost much
at the present stage & ~~difficult~~ the cost
could probably be ~~carried over~~ ^{spread}
spread over 2 years

H. J. R.

31/V

Aloua [unclear]

Capt. Noel [unclear] (one of the [unclear] [unclear]),
who came to see me yesterday, was
very strong in the unhealthiness
of the station.

H. J. R.
22/V

+ ask if
the cost
be + how
could be

U.S. 15706
RECEIVED
MAY 12
GOVERNMENT HOUSES
NAIROBI,
BRITISH EAST AFRICA.

EAST AFRICA PROTECTORATE.

April 29th, 1912.

No. 514.

Sir,

J.C.C.
With reference to your despatch No. 529 of the 20th October 1911 I have the honour to transmit herewith copies of reports on Malaria, Malaria of the Provincial Commissioner, Nyanza, and the Medical Officer, Kisumu.

B. I agree with the Provincial Commissioner that Malaria can never be a really healthy station owing to its situation. There is no doubt that owing to the efforts of the Provincial Commissioner, Mr. H.R. Worme an enormous improvement has been made in the sanitary conditions of the station which was reflected very materially on the health of its inhabitants.

C. Certain suggestions have been made for further improvements which I will recapitulate briefly.

Drainage of Swamps.

The cutting of drains has been undertaken on a large scale and the swamps are now draining well.

Household.

Officials' houses have been renovated where necessary and Lewis together with the water tanks have been rendered mosquito proof.

Mosquito

THE RIGHT HONOURABLE

LEWIS HARCOURT, P.C., M.P.,

SECRETARY OF STATE FOR THE COLONIES,

DOWNING STREET, LONDON, E.C.

Mosquito breeding.

Certain rules have been put in force elsewhere to prevent mosquitoes breeding and these will now be applied to Mumias.

Coal.

A new Coal is to be built during the present year on a more suitable site. A start has already been made.

Post Office.

The site of the New Post Office has been examined so as to avoid contamination of the water supply.

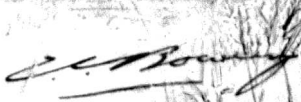
The water supply is fairly well protected at present but could be made more secure by being built in a tank at an approximate cost of Rs. 500/- and it is proposed to do this if funds are available.

The shops on the new site are to be a mere substitute for the shops provided for in the current year's Estimates, but I think that this must certainly be undertaken next year. If Government has to rebuild the shops on the new site much expense will be incurred and I propose therefore to assess the value of each shop and pay the owner the amount decided upon. The shops would then be erected at the owner's expense.

I have the honour to be,

Sir,

Your humble, obedient servant,



ACTING GOVERNOR.

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Report by the Provincial Commissioner, Nyansa, on Nyansa Station and Site.

C. O.
15786
REC'D
MAY 23 1907

Nyansa Station must be considered from a point of view of its modes of existence. The first period consisted of wattle and daub buildings, as far as I am told, very insanitary and harboured disease to a quite a large class of buildings existed at the beginning of 1907, when stone houses began to take their place. From 1907 commences what I term the second period.

During the first period the station was a very unhealthy place. I believe, however, that with improved housing and a staff the health conditions would improve to a great extent but that the general health has improved very considerably. There has only been one serious case of illness here during the last three years, this refers to the late Mr. Davis, who died of black-water fever last year.

The other deaths referred to by Mr. ... black-water fever prior to the new station. The case of the ... had three attacks of black-water fever also before ...

At the same time I would not maintain that Nyansa Station is now or ever will be a really healthy station. The station lies on a flat plain about a mile on either side of two fair sized rivers. It is occasionally visited by very severe thunder storms, which add to the depression from which the place suffers generally. Close to the station there is a good deal of swampy ground, but

of late

of late this has been deemed very considerably with, I think, excellent results. A good deal of thick scrub and swamp grass did exist but has been cleared.

Indeed the present District Commissioner, Mr. Horne, has effected a number of improvements in this connection which have had and are having a very beneficial effect on the health of the natives.

As regards the original selection of the site I believe the reason was because of the proximity of the village of the paramount chief, Manki. I am afraid, however, that I do not understand why when permanent buildings were started a more healthy site was not selected for the permanent station. There would appear to be numerous more healthy sites available at various convenient points in the district. There is, however, one point a station with residences for the District Commissioner, Asst. Dist. Commissioner, Medical Assistant and Postmaster, and also a suite of offices.

The District Commissioner's house, Clerk's house, Medical Assistant's and Postmaster's houses were erected in 1897. One of the houses occupied by an Asst. Dist. Commissioner (which is not a F.V.D. built house) was erected before 1897; I think by the Administrators this is not a good building. A Gaol was built in 1900 and the officers and store in 1900.)

The Medical Officers have reported against the present position of the Petach, and ask that it should be removed to another site. To meet this requirement practically all the stone required for the new Gaol has been collected free of cost.

I think

I think that if a new Gaol is built away from the station, and the staff do not relax their efforts to keep the station clear of scrub, &c., and also that each person individually takes precautions against mosquitos, etc. the general health should not be bad.

One thing Mumias is blessed with and that is a most excellent water supply.

Personally I am of the opinion that no Europeans should be kept in any station on the Kavirondo flats (Mumias and Kisumu come within this meaning) for too long a period without change. In so far as my staff is concerned I have tried to give effect to this idea. Owing, however, to reduction of staff at times it is difficult to work it out and at the same time maintain the efficiency of the Administration.

I would add one further remark with regard to the construction of the houses at Mumias, and that is to consider the plinths should have been at least 4 feet higher from the ground than they are.

Sd/- John Ainsworth

PROVINCIAL COMMISSIONER

Kisumu,

30th November, 1911.

REPORT ON MALARIA STATION.

REC'D
PAGE 20 MAY 1907

The station is situated in a valley surrounded by four swamps. The Administrative Officer is at present endeavouring to drain these swamps, and seems quite convinced that when completed these drains will be efficient. This work will be completed in four or five months and the Provincial Commissioner has requested me to revisit the station then to further report on the matter. The immediate neighbourhood of the station has been cleared and a large quantity of low-growing vegetable (i.e., beans, sweet potatoes etc.) planted. This seems to have had an excellent effect in reducing the conditions necessary for the breeding of mosquitoes.

None of the houses are mosquito-proof but one room in the District Commissioner's house has been rendered so. The District Commissioner's house is built level with the ground with a very low plinth. The Senior Assistant District Commissioner's house is very old and badly lighted, windows being completely absent at the back of the house. The Junior Assistant District Commissioner's house is in good condition. The water-tanks are not mosquito-proof, and larvae were found in one of them.

The Indian Bazaar is at present situated about 200 yards east of the European quarters and is immediately above the water supply. The site for a new Bazaar has been chosen and surveyed at a spot south of the present Bazaar on the side of a hill. It is 750 yards away from the European quarters and well away from the gathering area of the water springs.

The

The only two native locations are the Swahili and Nubian. The former is situated on an eminence a mile away from the European houses immediately east. The latter is at present being moved from its old site, in order to make room for the new Bazaar, to a spot between the southern swamp and European quarters about 300 yards from the latter. The Nubians have been given permanent sites at this spot on condition that they cultivate the ground and keep it clear of overgrowth and vegetation.

The site for the new Post Office has been chosen on a spot at the junction of the road leading to the S.C. Mission with the Jinja Road, about 100 yards from the District Commissioner's Office. A deep surface drain will conduct the drainage from this spot to a point well below the water supply. A bucket latrine will be used by the inhabitants of this house.

The police and station porters lines are situated half a mile to the east of the Boma. The site for the new Jail has been chosen near these lines.

The hospital and dispensary are situated about 300 yards from the boma in a south easterly direction. The site for the new buildings has been chosen near the site for the new Jail.

The water supply consists of 2 springs situated in a hollow below the present bazaar, at about a distance of 300 yards. As the bazaar latrines consist of pits which are never emptied I consider this extremely dangerous. The defect however will be remedied by the immediate removal of the Bazaar to its new site. One spring is kept for the use of Europeans only. The soil in this vicinity is of a clayey character.

The recommendations I should like to make are:-

(a) The assistance of an expert in the matter of draining the swamps.

(b) The prohibition of banana planting within 300 feet of the European houses.

(c) The sending of all the Caribbees and Subordinates' houses mosquito-proof.

(d) Mosquito proofing for the whole island.

(e) The building of a water house near the dispensary.

(f) The building of a water house near the barracks.

(g) The building of a water house near the storehouse.

(h) The building of a water house near the mill.

(i)

Approved:
18th January 1812.

18th January 1812.

To: Mr. ...

By: Mr. ...

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DRAFT.

Ref No. 327

only

MINUTE

- Mr. A. C. C. 1876
- Mr. Parker 14 of 23.
- Mr. Piddes.
- Sir H. Just.
- Sir J. Anderson.
- Lord Emmott.
- Mr. Harcourt.

I have the honor to acknowledge the receipt of your despatch of the 29th of April containing copies of reports on Hygiene Station, the Prov. Comm. Nippon, & the medical officer's return.

Read

7 Remind

Chid
17/10/11

2. It appears from

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