

C.S.

PUBLIC WORKS

(Improvement Scheme)

No. **598/24**

Mr. G. Roberts

SUBJECT.

1924

12th September

Previous Paper.

Respecting fitting of Gauge Board
at Mount William Stone Run.

Gauge Readings.

MINUTES.

Letter from Mr G. Roberts of 12th Sept 1924 — Encl ①

PA 3/2/25
PA 17/3/25

Y.B. Submitted.
The caretaker W/T Station might be instructed accordingly to take readings on Wednesday and Saturday in each week at 9 am. and to record them? The rainfall as measured by the C.S. might will be sufficient record of that.

ttttt 19 Sept 24
PA 20 Sept 1924

Subsequent Paper.

Mr. Roberts informs me that he has given form, and full instructions to Mr. Nicholson letter to letter stating that the Engineer will be glad if he will keep the record carefully and send it to me monthly. Encl 6 envelopes and paper for the purpose.

ttttt 25 Sept 24

Lt. W. L. Nicholson 25 Sept 1924

(2)

Copy of readings of Gauge Board for Sept 1924 -

Encl (3)

Letter from Mr. G. Roberts of 1st Oct 1924

(4)

Check and thank stating the action taken in app. ~~with~~ 2 Oct 24

Letter to Mr. G. Roberts, 3rd Oct 1924

(5)

Y.S. (4) submitted for information

~~with~~ 5 Oct 24

~~with~~
8 Oct 24

Copy of Readings of Gauge Board for Oct 1924 - Encl (6)

Y.S. Submitted for information.

Mr. Nicholson has also brought me a sample of water from No. 2 Spring. It is presumably of exactly the same quality as that from No. 1. It is very clear but a slight sediment has formed.

~~with~~ 10 Nov 24

H.P.S.

"Spring No 2" which Mr. Nicholson has opened out by my instructions is probably only a sub-surface source but is worth investigation as an additional source of supply.

Y.S.

11 Nov 24

Readings of Gauge Boards for November - (7)

December - (8)

Y.B. Submitted for information with readings of gauge boards for November and December

~~Y.B.~~ 5 Jan. 25
A.S.
6 January 1925.

Y.B. Submitted with readings for January

Mr. Nicholson's estimate is that No. 1 is $\frac{1}{2}$ ' spring water and No. 2 is $1\frac{1}{8}$ ' " " the surplus being surface water. He also as Y.B. is aware believes that a higher point which he has found supplies both Nos 1 & 2

~~Y.B.~~ 2 Feb. 25

A.S. I intend to visit site with Mr. Challen on an early date for
3 January 1925.

Y.A.
Submitted

4 head 21

6 March 1925

The Chamber
12th September 1924.

(1)

Sir

I propose to visit Mount William stone run with the H.W.T.s and a man during next week, for the purpose of fitting a more substantial gauge board at proposed site of draw off pit.

I suggest that readings be taken say twice weekly and a note made of the rainfall, for the next few months,

and submit that the Caretaker at H.M. W.T. Station be furnished with a small book and given instructions to do this.

If you approve of the above, will you please give the necessary instructions I will then take caretaker to the site and instruct him how to read the gauge, also how to fix the gauge again should it get moved with abnormal rains.

I am Sir,

your obedient servant

J. Roberts.

The Honourable
The Colonial Secretary
Stanley.

598/24.

2

25th September, 24.

Sir,

With reference to the explanations recently given you by Mr. Roberts, concerning the reading of the gauge board at the site of the proposed dam for the Stanley Water Supply, I am directed by the Governor to request that you will take readings on Wednesdays and Saturdays in each week at 9 a.m., and record them in the manner explained by Mr. Roberts.

2. His Excellency will be glad if you will keep the records very carefully, which is of importance, and if you will bring copies of each month's readings to me as soon as you conveniently can, after the end of the month.

I am,

Sir,

Your obedient servant,

H. Henniker-Heaton,

Colonial Secretary.

Mr. L. Nicholson,
Caretaker,

Admiralty W/T Station,
Stanley.

fact

September 1924

Readings of Gauge Board at
Mount William Stone Run

Taken twice weekly

DATE	DEPTH of WATER IN NOTCH	REMARKS ON RAINFALL
	inches	
14 Sunday	1"	no rainfall for approximate 28 days
18 Thursday	1"	no rainfall since last reading
22 Monday	1/8	no rainfall since last reading
24 Wednesday	—	little rainfall during night
25 Thursday	1/8	
27 Saturday	3/4	no rainfall since last reading
29 Monday	—	8:30 AM to noon frequent showers 2 PM to 6 PM continual fine rainfall
30 Tuesday	—	7:30 AM to 10 AM continual rainfall
1 October	1"	11:35 AM to noon raining

Post Stanley. (4)
1st October 1924.

Sir.

I have today paid a visit to Mount William Stone run with ^{Mr. Wks} and find that the water is still maintaining the same level as a week ago, i.e. $\frac{7}{8}$ " which is approx 5 galls per minute. We have roughly set out the position of the Dam and pits, and I have given him a specification and discussed details of price with him, with a view to letting the Mason have a contract for the whole of the work on intake, should he require more work before my return. It is proposed to form the whole of the walls with stone from the Run, bedded and grouted with good P.C. mortar, in lieu of concrete, a small saving will thus be effected. It is also proposed to leave enough cement at the Chamber for for this work, so that it can be transported to H.M. W/T Station by rail.

Accepted
£ 606/24
Cml ?

|| Owing to the absence of rain it seems unlikely that a further sample of water

Accepted for
M.P. 606/24

will be obtainable for sending on the incoming mail, but I hope it will be possible to forward one by the next mail, as it is most likely to be required in connection with the filters. The Works is ready to get this sample as soon as conditions are suitable.

The work of lining the gully at lower end of Magazine Valley has been fully discussed with the Works and a specification got out.

It is proposed to let this Piecework at 15/- per yd run for labour, to include for the whole of the work, i.e. making concrete slabs, grading and laying same, Surfing embankment and all transport etc.

This has been fully dealt with in the specification given to the Works.

I am
Sir.

your obedient servant

C. Roberts.

598/24.

3rd October, 24.

Sir,

I am directed by the Governor to acknowledge the receipt of your letter of the 1st of October, relative to instructions which you have given to the Foreman in charge of the Stanley Improvement Works, and to thank you for the action taken.

I am,

Sir,

Your obedient servant,

H. Henniker-Heaton,

Colonial Secretary.

Mr. G. Roberts,
Stanley.

October 1924

Reading of Gauge Board at
Mount William Stone Run

Taken twice weekly

DATE	DEPTH of WATER IN NOTCH	REMARKS ON RAINFALL
1924	inches	
1 st October	1"	
4 ^a "	2"	6.45 ^{AM} to 9.50 ^{AM} heavy rainfall
6 ^a "	—	7.35 ^{AM} to 8.40 ^{AM} rainfall
8 ^a "	7/8	
11 th "	3/4	no rainfall since last reading
15 th "	5/8	no rainfall since last reading
18 th "	5/8	no rainfall since last reading
22 nd "	5/8	Little rainfall during night
25 th "	5/8	
29 th "	9/16	no rainfall since last reading
30 th "	—	5.50 ^{PM} started raining, continued during night
1 st November	1"	

Lowest reading in September 3/4 inch

Spring No 2

DATE	DEPTH of WATER IN NOTCH	
30 th October	1/4 inches	Day the Gauge Board was put down
1 st November	1/4 "	

November

Readings of Gauge Boards at
Mount William Stone Run

Taken twice weekly

DATE	DEPTH of WATER IN NOTCH		REMARKS ON RAINFALL
	inches	No 2	
1924			
1 st November	1	1 1/4	Rainfall during night
5 th "	7/8	1 1/4	Occasional rain squalls since last reading
8 th "	1 1/8	1 1/4	Frequent showers of hail since last reading
12 th "	3/4	1 1/8	No rainfall since last reading
13 th "	—	—	Continual rainfall all day
15 th "	2	1 1/2	Rainfall during early morning
19 th "	1 3/4	1 1/2	Occasional rainfall since last reading
22 nd "	1 1/8	1 1/4	No rainfall since last reading
26 th "	3/4	1 1/8	No rainfall since last reading
29 th "	3/4	1 1/4	Little rainfall on the 28 th

December

Readings of Gauge Boards at
Mount William Stone Run

Taken twice weekly

DATE	DEPTH of WATER IN NOTCH		REMARKS ON RAINFALL
	inches		
	No 1	No 2	
1924			
3 rd December	$\frac{5}{8}$	$\frac{1}{8}$	No rainfall since last reading
5 th "	-	-	Continual rainfall all day
6 th "	$2\frac{3}{8}$	$1\frac{3}{8}$	
9 th "	-	-	Continual heavy rainfall all day
10 th "	$4\frac{1}{2}$	$1\frac{7}{8}$	Frequent squalls of rainfall since last reading
13 th "	$\frac{7}{8}$	$\frac{1}{4}$	No rainfall since last reading
17 th "	$\frac{1}{2}$	$\frac{1}{8}$	No rainfall since last reading
18 th "	-	-	Continual heavy rainfall all day
20 th "	$\frac{1}{4}$	$1\frac{3}{8}$	
22 nd "	-	-	Continual heavy rainfall all day
24 th "	$2\frac{3}{4}$	$1\frac{3}{4}$	
27 th "	$2\frac{1}{4}$	$1\frac{1}{2}$	Occasional rain squalls since last reading
31 st "	$\frac{5}{8}$	$\frac{1}{8}$	No rainfall since last reading

January

Readings of Gauge Boards at
Mount William Stone Run

Taken twice weekly

DATE	DEPTH of WATER IN NOTCH		REMARKS ON RAINFALL
	inches		
	No 1	No 2	
1925			
3 January	1/2	1 1/8	No rainfall since last reading
7 " "	1/2	1 1/8	No rainfall since last reading
10 " "	2 1/4	1 1/4	Rainfall during early morning
14 " "	1 3/4	1 3/8	Rainfall on 13 th January
17 " "	4	1 7/8	Heavy rain squalls since last reading
21 " "	2 3/4	1 3/4	Rain squalls since last reading
24 " "	1 1/4	1 3/8	No rainfall since last reading
28 " "	3 1/8	1 3/4	Rainfall during night
31 " "	1	1 1/4	No rainfall since last reading



February

Readings of Gauge Boards at Mount William Stone Run

Taken twice weekly

DATE	DEPTH of WATER IN NOTCH		REMARKS ON RAINFALL
	inches		
1925	No 1	No 2	
4 th February	1"	1 1/4"	Rainfall on 31 st January
7 th "	1/2"	1 1/8"	No rainfall since last reading
11 th "	5/8"	1 1/4"	Little rainfall since last reading
14 th "		1 1/4"	" " " " " "
18 th "		1 1/4"	" " " " " "
21 st "		1 5/8"	Rainfall since last reading
25 th "		1 1/8"	No rainfall since last reading
28 th "		1 1/8"	No rainfall since last reading