

AWM4
**Australian Imperial Force unit war diaries,
1914-18 War**

Medical, Dental & Nursing

Item number: 26/83/7

Title: 8th Sanitary Section, Australian
Mounted Division

March 1918



AWM4-26/83/7

CONFIDENTIAL.

ORIGINAL. ✓
DUPLICATE.
TRIPLICATE.



Australian Imperial Force.

WAR DIARY

OF

No. 8 SANITARY SECTION

FOR

MARCH 1918

VOLUME No 7



Signature of Officer compiling Stanley Parker

Signature of Officer Commanding Stanley Parker

M211
Mondis.

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)



Instructions regarding War Diaries and Intelligence Summaries are contained in F. S. Regs., Part II. and the Staff Manual respectively. Title pages will be prepared in manuscript.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Belah	March	1st	<p>Inspected 5th Brigade reported various matters requiring attention to A.D.M.S.</p> <p>The "Divisional Baths" were opened today, parties parading in accordance with instructions issued by D.H.Q. 250 men had a hot bath with and had their clothes disinfected in "Thresh" disinfectant. As sufficient hot water is available it is proposed to erect benches etc. for washing clothes.</p>	* App 1. * App 1 ^a
		2nd	<p>1 O.R. marched in from Moascar, effective strength 10/25 O.R.</p> <p>Mosquito breeding has commenced in the numerous pools and sumps which exist in the divisional area, and immediate steps will have to be taken to treat these pools & sumps with paraffin. Descorps have asked for an estimate of the quantity of paraffin required per month for anti-mosquito work. On the basis of 1/2 lb of paraffin to the sq. yard; pools boiled every seven days; I estimate that 220 gallons per month will be required for this area; but I found from practical ^{previous} experience that 1/2 lb of oil to the sq. yard is more than is necessary for the effective destruction of mosquito larvae etc.</p>	March 1/2 M 2/2 (Appendix 2) original copy with ADMS.
		3rd	<p>Submitted weekly report to A.D.M.S. on sanitary condition of divisional area.</p> <p>The sanitation throughout the division is good with the exception of the "manure roads". Manure is being spread too thickly and with the approach of hot weather will be a breeding bed for flies. I would suggest that all manure be now burnt.</p>	

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Erase heading not required.)

Army Form C. 2118.

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Belah	March 4 th		Accompanied A.D.M.S. on an inspection of brigades, he wished to enquire into various matters mentioned in my weekly report as requiring attention.	
"	5 th		Inspected divisional camp, requested O.C. 35 th Coy. to fill in pools in vicinity of his camp in which mosquitoes were breeding.	
"	7 th		Re anti-mosquito work. A supply of paraffin has been obtained and the treatment of all pools and camps in the divisional area will commence immediately. Have placed an N.C.O. in charge of the work and today inspected pools in 5 th Brigade area gave him instructions as to method of treatment etc. to check the breeding.	
"	8 th		2 ORs. marched in from Moascar. 1 OR. marched out to Moascar reporting to S.M.O. for detail duties, instructions from A.I.P. Headquarters Cairo. Effective strength 10 of 26 ORs. 200 ORs. who are proceeding to Port Said rest camp have today been disinfected at this section.	M2/3
"	10 th		2 ORs. returned from Port Said Rest Camp. 2 ORs. marched out to Rest Camp. Submitted weekly report to A.D.M.S. on sanitation of the division*. The work of this section for the past week has consisted of: (a) the daily inspection of all camps in the "divisional area" by "sanitary inspectors" who submit daily reports as to the sanitary condition of all camps. (b) Disinfection of all men proceeding	M2/3 (* App. 3)

WAR DIARY

or

INTELLIGENCE SUMMARY.

(Brace heading not required.)



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Army Form C. 2118.

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Belah	(contd)		<p>a leave. By means of Street disinfectors, 260 O.R.s having been treated. (c) The management of the "divisional hot baths", an average of 250 men per day having attended. (d) The treatment of all pools and sumps in the divisional area to check the breeding of mosquitoes. (e) The supervision of the disposal of several dead animals at Brigade horse burial areas. (f) The distribution of sanitary equipment and disinfectants to units requiring same. The reinforcements received during last week have no knowledge of sanitation or of the work done by a sanitary section. Apparently no attempt has been made to pick men suitable for the special class of work.</p> <p>Accompanied by DADMS. made inspection of anti-mosquito work. Division reviewed by H.R.H. Duke of Cornwall and C-in-C. Had orders to proceed to 14th A.G. Hospital Port Said for instruction in Q.M.s duties. Capt. Stafford for 4th L.H.F.A. to be acting OC. Capt. Stafford took over duties as from today. Demos for ADMS re instruction in anti-malarial work. Weekly report to A.D.M.S. x</p>	<p>M/2/3 March 15 + off 3^a x off 4</p>
	11 th			
	14 th			
	15 th			
	17 th			



WAR DIARY
or
INTELLIGENCE SUMMARY.
(Erase heading not required.)

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Belah.	March			
	22 nd		1 OR. marched out to Desert Mounted Corp Rest Camp, Port Said.	
	23 rd		Weekly report to A.D.M.S. on the work of this section for past week.	* App. 5 original copy sent A.D.M.S.
	28 th		Report of A.D.M.S. on sanitation of the division.	* App. 6
	29 th		1 OR. marched in from A.M.C. Training Cadre Moascar.	* App. 6
	30 th		Advised that division will march from Belah morning April 1 st arriving Selmeh near Soffa, April 5 th .	* App. 7
		Weekly report to A.D.M.S.		
31 st		1 OR. marched in from 4 th L.H.F.A. transferred, effective strength 10/27 ORs.	* App. 8	
		Recd. Med. Instructions No. 1 by A.D.M.S. re move to Selmeh.		
		Report on Anti Mosquito work appended.	* App. 9	

Harley Barker
O.C. San Section
Asst. Med. Division

M21A
March 19

ORIGINAL

M2/5

March 18

WAR DIARY

OF

No 8 SANITARY SECTION

FOR

MARCA 1918

VOLTIME No. 7.

LIST OF APPENDICES.

No.	Subject.
1	Sketch plan of Divisional Baths at Betsch
1 ^a	Administrative Instructions - Divisional Baths
2	Weekly report to A.D.M.S. (copy) original with A.D.M.S.
3	" " " " " " " " " " " "
3 ^a	Memos from D.H.Q. re instruction to be given in anti-malarial work
5/4	
4	Copy of weekly report to A.D.M.S.
5	" " " " " " " " " " " "
6	Memo from D.H.Q. re sanitation
7	Copy of weekly report to A.D.M.S.
8	Medical Instructions No. 1 by A.D.M.S. reference made of Division to Selme! March table accompanying same
9	Report on anti malarial work done by 8 th San Section during month of March.



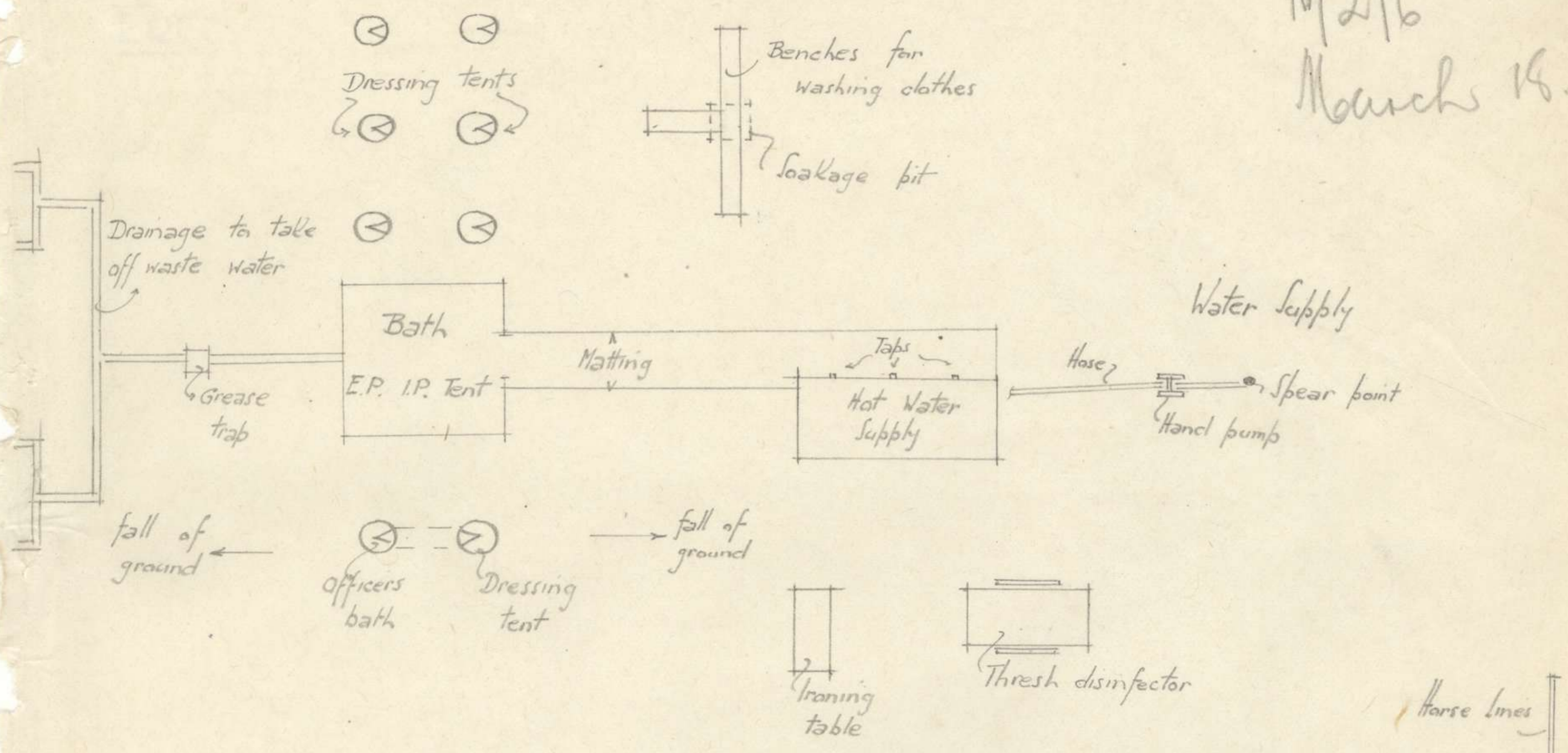
Harley Parker
OC. 8th San Section

DIVISIONAL BATAS - BELAH

SKETCH SHOWING DISPOSITION OF TENTS, HOT WATER ETC

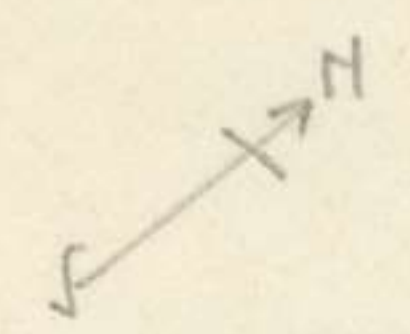
NOT TO SCALE

M/2/16
March 18.



No. _____
 Date _____
 TROOP SECTION
 AUSTRALIAN INFANTRY DIVISION

⊙ Tents for men
 ⊙ 1/2 baths



HOT WATER SUPPLY SYSTEM ERECTED AT DIVISIONAL ABLUTION AREA - DELAH.

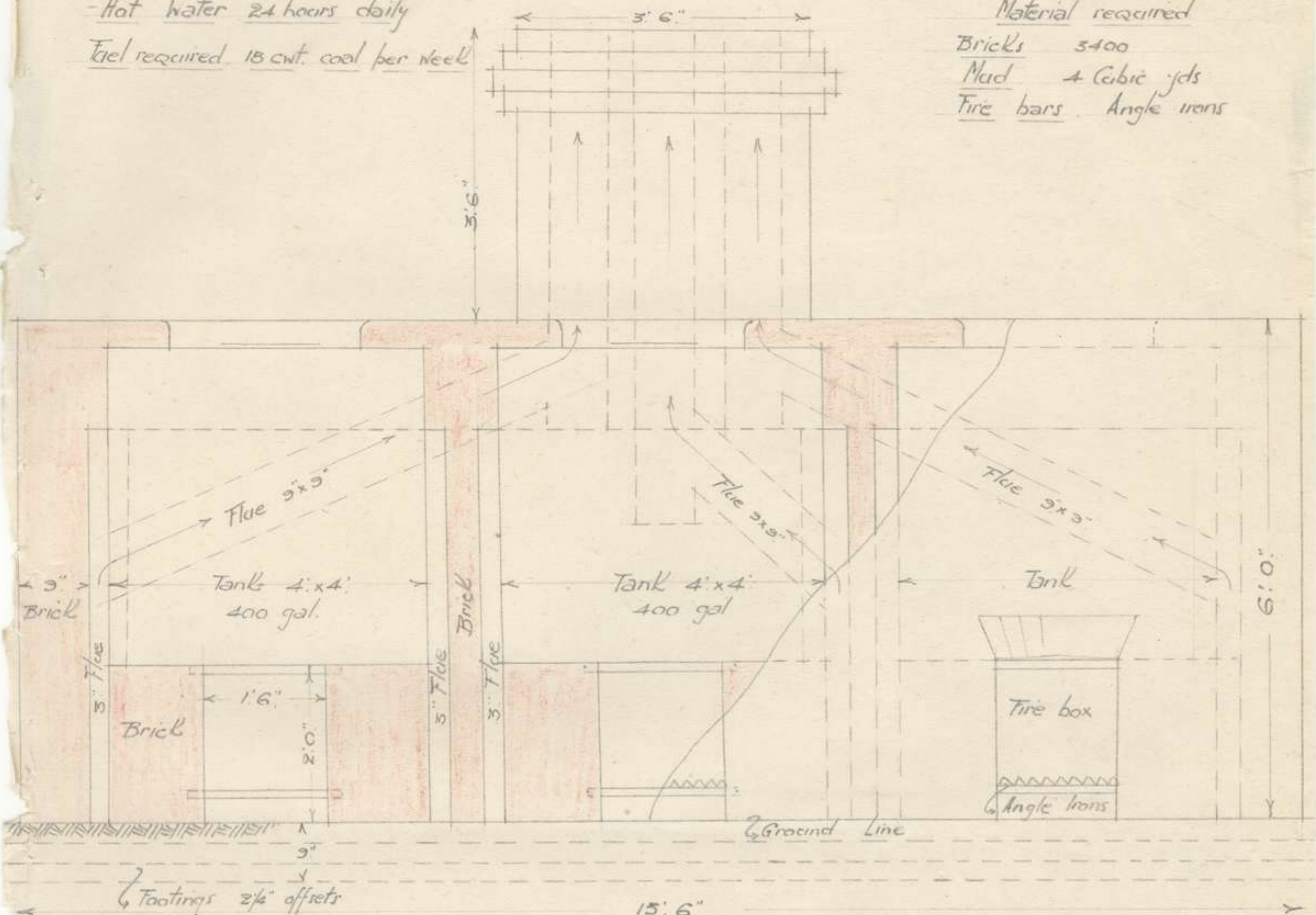
M 2/7
March 18

SCALE 1/2" = 1 FOOT.

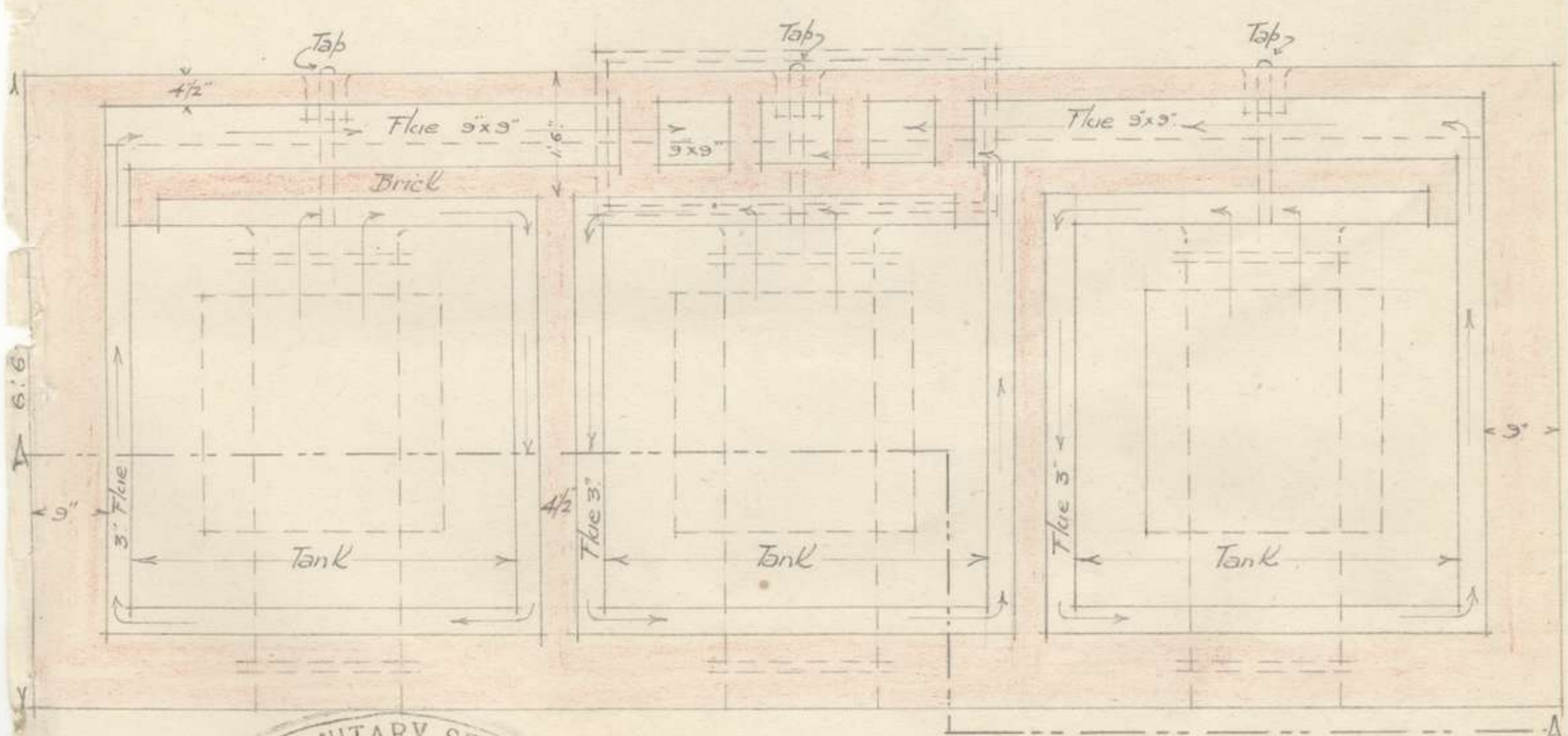
Hot water 24 hours daily
Fuel required 15 cwt. coal per week

Material required

Bricks	3400
Mud	4 Cubic yds
Fire bars	Angle irons



SECTION A A



PLAN



Erected by Aust. Engr.
Feb. 1918.

M/2/8 App. 6/1, a
March 18

Headquarters,
3rd. L.M. Brigade.
4th. L.M. Brigade.
5th. Mounted Brigade.
O.C. 19th. Brigade R.M.A.
Camp Commandant.

O.C. Field Squadron.
O.C. Signal Squadron.
O.C. Sanitary Section thro A.D.S.
O.C. Divisional Train.

ADMINISTRATIVE INSTRUCTIONS.

DIVISIONAL BATHS.



1. Divisional Baths will be available for use on and after *Friday 1st March*
2. Baths will be open from 0830 to 1700.
3. O.C. Sanitary Section will be in charge of the baths and his instructions will be adhered to by all ranks.
4. Parties will be paraded as under. Each man to bring the following articles :-
Water bucket, towel, and soap.
5. The Trench Disinfector and ironing board will be available for treatment of clothing while the men are bathing.
6. Brigades will detail an Officer to report to the O.C. Sanitary Section at 0815 on the day the Brigade is using baths to assist in maintaining discipline.
7. Time-Table is as follows :-
1st Party 3rd. Brigade.
2nd " 4th. Brigade.
3rd " 4th. Brigade.
4th " Divisional Troops.
and in the same order till further orders.
8. Parties will parade in batches of 30 each half hour commencing 0825. Last party for the day reporting 1625. Strictest punctuality must be observed as any delay will seriously interfere with arrangements.
9. Accomodation for Officers will be provided as soon as possible.

[Signature]
Lieut.
for A.D.S.
Australian Mounted Division.

24/2/18.

*Of San Section
Forward*

[Signature]

1/2/18



[Signature]

Copy

Appendix No 2

M2/9

March 18

ADMS.

Aust. Mounted Divisions

I beg to submit the following report on the sanitation of the divisions for week ending 2.3.18.

3rd L.H. Brigade. B.H.Q. Signal Troops & Canteens These units have been satisfactory all the week.

8th Regt. On Monday last manure was being buried in horse lines. Every day this week including today A Squadrons have been burying manure in horse lines. Sanitation otherwise good.

9th Regt. Manure roads in this Regt. are becoming much too thick. Sanitation otherwise satisfactory.

10th Regt. On Monday and Friday manure was being buried in horse lines. Sanitation otherwise good.

M.G.S. & F. Amb. Sanitation good. Small defects noticed during week have all received attention.

Y.M.C.A. Area around concert platform was very dirty, this has been cleared up by 8th Regt.

BAND. Latrine buckets has been provided here 8th Regt attending to same.

Areas The only area that requires cleaning up is that between 10th Regt and 5th Coy M.G.S. The sanitation throughout this Brigade is good with the exception of manure roads which are becoming too thick owing to lack of proper supervision.

4th Brigade 12th Regt. Manure has been buried in horse lines of transport section. Latrine quarters have been very insanitary during week. Much rubbish has been dumped in old dugouts near by. Access from latrine latrine have been buried. A quantity of rubbish has been buried at 'A' Squadron incinerator. Manure spread much too thickly. Canteens, grease traps, etc are good.

11th Regt. There is evidence of manure having been buried in horse lines. Incinerator area is clean. Much rubbish has been buried here. The sanitation of this Regt shows great improvements.

M2/10

March 18

4th Regt. Sanitation good no complaints.

B.H.Q. Signals, Tets. Early in the week a man from 12th Regt. was placed in charge of sanitation and main defects were attended to. Incineration fairly good, tins & rubbish often have to be returned. Grease traps should be treated with crude oil. Horse lines at B.H.Q. Regts are becoming very foul in places.

M.G.S. Sanitation here is much improved. Horse lines are becoming very foul. Their manure spread is getting very large but is well spread & was burning well today.

F. Amb. Sanitation satisfactory. Buckets, grease traps could be treated with crude oil more often.

Canteen YMCA Sanitation here is very unsatisfactory, kitchen refuse is exposed to flies and tins have not been emptied regularly. Grease traps & latrines do not receive proper attention.

Water Guard Latrine & urinal are receiving proper attention.

Rifle Range On Wednesday morning a latrine seat was missing from public latrines. This plate was found at markers cookhouse, chopped up for firewood. 10th Regt were using range at the time.

Mosquito breeding has been found in the water dump in this Brigade area, many pupae, larvae having been discovered.

Arms On seaward side of 12th Regt rubbish still exists.

'A' Regt. lines of 11th Regt bottles tins etc scattered about.

At rifle range area a good deal of rubbish exists.

5th Brigade Worters Incinerator area kept clean & tidy all faeces and rubbish burned. Empty tins frequently thrown from lineages and left on area between B.H.Q. and this unit. Ablution Area Dump required attention this morning. Pan Squad's complaint of having to do guards & pickets at night. I understand they should be exempt from this duty.

Gloucesters Latrine seats not washed daily, incinerator area always untidy. On Friday morning inspector unearthed a bag of kitchen refuse near incinerator. Sanitation of this regiment not up to standards of other regts of this brigade.

YMCA Great improvements here. Sanitation now good.

M2/11. March 18

Warwicki. Sanitation here is very good, no complaints.

F. Amb. B. To Q. Vets. Sanitation of these units is quite satisfactory

Manure roads throughout Brigades are becoming too thick.

No 6 Well. This is now kept in good order by F. Amb.

Areas between Worsters and the sea not yet properly

cleared also area between M & S and 10th Regt.

Dis Troop. D. To O. Some faeces exposed under tree

near Natives bivouacs, otherwise good.

Field Squadron. Incinerator areas very untidy and insanitary

There is no system in burning manure and every morning

rubbish can be found lying about incinerator, unburnt

refuse found in ash heaps. To west of camp, bottles, tins

etc are scattered about.

Signal Squad have commenced burning manure rubbish

lying about to E of camp, Sanitation otherwise good.

19th Bde R. H. & S. Tidbits satisfactory

B. A. C. Improvements in burning of manure, fine sates

latrine needs repairing.

'A' Battery Bottles etc lying about on E side of camp

'B' " " " " " " Sanitation satisfactory

Div Train. Sanitation is good, all manure, faeces &

refuse being burnt.

Disinfection. 350 O/Ranks have been disinfected during

week prior to going on leave, this includes Park Raid

Party. 60 Natives from Div Train 37th Coy were disinfected.

Chemical Baths. were opened on Thursday last, the following

numbers have paraded: 28th Feb. 45 O/Ranks D. To O

1/3/18 220 " 3rd Bde

2/3/18 233 " 5th "

The disposal of several dead animals has been supervised during week.

A new gang of Natives received during week consisting of 27 men

& 16 boys. There have been numerous complaints from units

& the Native labour is very unsatisfactory.

Herewith allocation of Natives & return of Sanitary Equipments

Belah.
2. 3. 18.

(sgd) Stanley Parker
OC 8th Bde

M2/12
March 18.

Allocation of Stations 2-3-18

3 rd Bde	8 th Regt.	2	
	9 th	1	
	10 th	2	
	M.G.L.	1	
	F. Amb.	1	
	B. T. Q.	1	
	Vets.	1	9

4 th Bde	4 th Regt.	2	
	11 th	1	
	12 th	3	
	M.G.L.	1	
	F. Amb.	1	
	B. T. Q.	1	9

5 th Bde	Worcesters	1	
	Warwick	1	
	Gloucesters	1	
	M.G.L.	1	
	F. Amb.	2	
	B. T. Q.	1	7

Div Troop.	D. T. Q.	1	
	Signals	1	
	Bldg.	1	
	R. T. A. Signals	1	
	"A" Party	1	
	"B"	1	
	Notes	1	
	B.A.C.	2	9

Local School	2
San. Section	6
Hospital	1
<u>Total</u>	<u>143</u>



Returns of Artillery Equipments in Possession of Units

Appendix 2

M2/13

March 18

8th Artillery Section

3. 3. 18.

Unit	Portable Artillery Equipments				Heavy Equipments		Unit	Portable Artillery Equipments				Heavy Equipments	
	Buckets	Seats	Provisional	Service Tubes	Buckets	Seats		Buckets	Seats	Provisional	Service Tubes	Buckets	Seats
3rd Btye Hdqts	5	5	1		5	5	5th Btye Hdqts	5	5	1		2	2
8th Btye	12	12	1	5	16	16	P. Q. S.	6	6	1		6	6
9th Btye	12	12	1		13	12	M. G. S.	6	6	1		8	8
10th Btye	12	12	1		12	12	Veh. Sec	2	2		2	2	2
M. G. S.	6	6	1		8	8	Tramway spc	12	12	2	4	16	16
P. Q. S.	6	6	1		7	7	Warranties	12	12	2		15	15
Veh. Sec	2	2	1		3	3	Gla. water	12	12	2		10	10
Water Guard of M. G. S.					1	1	Water Guard of M. G. S.					1	1
					1	1						1	1
4th Btye Hdqts	3	3	1		4	2	Divisional Hdqts	6	6	1	2	7	7
Veh. Sec	2	2			3	3	P. Q. S.				2	3	8
P. Q. S.			1		9	9	Signal Q. S.	5	5	1	3	7	7
M. G. S.	6	6	1		6	6	R. H. A. Hdqts			1		3	3
11th Btye	12	12	1	5	20	20	A Battery	4	4	1	2	4	4
11th Btye	12	12	2		17	17	B Battery	4	4	1	2	4	4
12th Btye	12	12	2		14	14	W. H. Battery	4	4	1	2	4	4
Water Guard of M. G. S.					1	1	19th B. A. C.	6	6	1	3	12	12
Rifle Range					2	2	Div. Train Hdqts	2	2	1		3	3
							35th Coy			1		6	6
							36th "			1	2	6	6
							37th "			1	2	5	5
							38th "			1	1	9	9
							8th Artillery Sec.			1	2	1	3



[Signature]

Ob. 8th Artillery Section
 Hqs. M. G. Div.

Note for war diary: This return accompanies the weekly return to A.D.M.S.

ADMS.

M2/14.

Aust. Mounted Divisions

March 18

I beg to submit the following report on

the sanitation of the divisions for week ending 9.3.18.

3rd Brigade B. & S. Signals, Scout Canteen, On Monday last these units commenced spreading manure prior to burning, burning commenced ~~completed~~ Tuesday. Grease trap at canteen has been condemned and new one put down. Sanitation otherwise good.

8th Regt. Sanitation here is very good, manure now spread & burnt

9th Regt. Manure plots were very untidy, these have now been marked off in regular plots, manure being well burnt, sanitation good.

10th Regt. On Tuesday the latrine in rear of transport lines was used as a dumping ground for bottles, these had not been removed on Friday. Thursday last Sgt. Mess bookhouse was

very dirty and untidy. B.S.O. spoke to orderly officers re same.

On Friday manure was being buried in transport lines.

Inspector spoke to officer who was supervising same, excuse was shortage of transport. This matter was reported to B.S.O. - manure now being spread ready for burning.

M.G.S. Up till Friday last, manure was still being spread on roads, this matter was reported to B.S.O. Sanitation otherwise good.

3rd Amb. Veh. Section & M.C.A. Water Guard. Sanitation in order.

4th Brigade B. & S. Signals. The San detail here is not

much of a success, takes no interest in his work & is slow to act on any advice given. Half burnt rubbish can always be found amongst the ashes. Incinerator area not tidy, grease traps not disinfected properly. Several urine tins unsatisfactory.

None lines are foul but no signs of fly breeding. A little manure has been spread out but no start made to burn it.

Veh. Section Manure still spread on roadway, two new urine tins they were advised to put down are still

M. G. S. None lines foul but no signs of fly breeding, manure plots could receive better attention.

4th Regt. Manure was being buried in lines. B.S.O. notified

M/2/15

March 18

Horse lines getting foul but no signs of fly breeding, otherwise very good.

Rifle Range Missing latrine seats has been replaced, there is still rubbish lying about this area.

7th Amb. Sanitation in order here, burning of horse manure carried on satisfactorily

12th Regt A number of refuse bins require covers, green traps require treating with crude oil. Horse lines satisfactory no manure burning since last report. Manure dump, manure is being burnt but spread too thickly to dry, hence manure is accumulating. Latrine quarters still untidy, jam tins & bottles etc are frequently noticed lying about lines.

11th Regt. Sanitation shows considerable improvement and is now satisfactory

Canteen Sanitation is now satisfactory

5th Brigade No attempt has yet been made in this brigade to burn manure, it is still being spread on roads.

7th Amb. B.T.O. Sanitation good.

Warwick. Sanitation satisfactory, no complaints

Westers

No 4. S. Sanitation good

No 6. Well. Now receiving proper attention

Dev Troops. D.T.O. Latrines unusable, horse lines etc are satisfactory, burning of manure has been rather low during week, a great proportion of same having been spread on roads.

Signal Regt. Sanitation now very good, manure burnt.

Field Regt. Incinerator area slightly improved but not yet up to standard, cookhouses latrines etc in order.

B.A.E. Sanitation good manure burnt latrines etc in order.

2nd A. Bde. Small amount of rubbish on each of A Battery, sanitation throughout this brigade now good, lots of B Battery & Regts are still spreading manure on roads.

Div Train. 36th Coy spreading manure on road, 38th Coy horse picketed to water cart a few yards from cookhouse, attention was drawn to this, 35th Coy burnt rubbish found on ash

M2/1
March 16

leaps, this was attended to.

Anti Mosquito work. A supply of paraffin was obtained and the treatment of pools and swamps commenced forthwith.

Numbered boards are being placed at each pool for reference purposes and a detailed report will be submitted later.

A number of pools cannot be treated as water is drawn from surface by means of a bucket for delivery into lower troughs.

The first siding of pools in the Divisional Area should be completed by Monday next.

Divisional Baths have been in use every day during week but are not being used to the full extent, parties not parading up to strength, the instructions issued by division are not being strictly adhered to, the following numbers have paraded.

3	3	18	4 th Bde	2620/Ranks	7	3	18	4 th Bde	2700/Ranks
4	3	18	Div Troop	379 "	8	3	18	Div Troop	440 "
5	3	18	3 rd Bde	63 "	9	3	18	Inf.	
6	3	18	5 th "	130 "					

2000/Ranks have been disinfected prior to proceeding on leave. The disposal of several dead animals has been supervised during week.

Footfall ground areas badly require cleaning up, rubbish being scattered about, there is no scavenging gang available for this work.

Natives There have been five admissions to hospital during week. The work of the natives is very unsatisfactory and would like if possible to have the gang changed.

Return of sanitary equipments and allocation of natives herewith.

Belah

sgd. Harley Parker
D.C. 8th San Section



M2/17

March 18

Allocation of Natives

9.3.18.

3 rd Brigade	8 th Regt.	2	
	9 th "	2	
	10 th "	2	
	M. G. S.	1	
	P. Amb.	1	
	R. T. Q	1	
	Tents	1	10

4 th Brigade	11 th Regt.	2	
	11 th "	1	
	12 th "	2	
	M. G. S.	1	
	P. Amb.	1	
	R. T. Q	1	8

5 th Brigade	Was.	1	
	Work.	1	
	Elous	1	
	M. G. S.	1	
	P. Amb.	2	
	R. T. Q	1	7

Des. Troops	D. T. Q	1	
	P. Regt.	1	
	Regt.	1	
	R. T. Q. Hdqrs	1	
	Tents	1	
	A. Batty	1	
	B	1	
	B A C	2	9

Kelal School	2
--------------	---

Plan Rectory	3
--------------	---

Lairs	1
-------	---

Belat	Total	<u>40</u>
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9.3.18.

Copy

Appendix No 3

Return of Sanitary Equipments in Possession of Units.

M2/18

March 18

8th Sanitary Section.

10.3.18.

Units	Portable Sanitary Equip				Area Equipm ^t		Units	Portable Sanitary Equip				Area Equipm ^t	
	Bucket	Top	Urine Tubes	Incinerator	Bucket	Top		Bucket	Top	Urine Tubes	Incinerator	Bucket	Top
3 rd Bde Hdqts.	5	5		1	5	5	5 th Bde Hdqts.	5	5		1	2	2
8 th Regt.	12	12	5	1	16	16	2 nd Ambce	6	6		1	6	6
9 th "	12	12		1	13	12	M. G. S.	6	6		1	8	8
10 th "	12	12		1	12	12	Veh. Rec	2	2	2		2	2
M. G. S.	6	6		1	8	8	Warmk rps	12	12	4	2	16	16
2 nd Ambce	6	6		1	7	7	Worcester "	12	12		2	15	15
Veh. Rec	2	2		1	3	3	Gloucester "	12	12		2	10	10
Water Guards					1	1	Water Guard					1	1
of No. 6. A.					1	1	of No. 6. A.					1	1
4 th Bde Hdqts.	3	3		1	4	2	Divisional Hdqts.	6	6	2	1	7	7
Veh. Rec.	2	2			3	3	3 rd Bde Regt	5	5	3	2	8	8
2 nd Ambce	6	6		1	9	9	Rignal "	5	5	3	1	7	7
M. G. R.	6	6		1	6	6	R. H. A. Hdqts	2	2	2	1	3	3
14 th Regt.	12	12	5	1	20	20	A Battery	4	4	2	1	4	4
11 th "	12	12		2	17	17	B "	4	4	2	1	4	4
12 th "	12	12		2	14	14	Notes "	4	4	2	1	4	4
Water Guards					1	1	19 th B.A.C	6	6	3	1	12	12
of No. 6. A.					1	1	Div Train Hdqts	2	2		1	3	3
Rifle Range					2	2	35 th Coy ASC			2	1	6	6
							36 th " "	3	3	2	1	6	6
							37 th " "			2	1	5	5
							38 th " "	3	3	1	1	7	7
							8 th Amv. Rec		1	2	1	3	2



Harley Charles
 Lieut
 Q.C. 8th Sanitary Section
 Aus. MTD. Div.



M/2/19
March 18

Australian Mounted Division.

M/2/19
March 18

With a view to preventing the breeding of mosquitoes energetic action must be taken by each Brigade in its own area, on the following lines.

Each regiment will form an anti-malarial party consisting of 12 men trained by the Brigade Sanitary Officer in anti-malarial work.

The duties of these parties will be:-

- (a) To search for, and locate, likely breeding places for mosquitoes.
- (b) To drain pools and canalise streams.
- (c) To examine wells in villages. In many cases these are found to be favourite breeding places.
- (d) To carry out the paraffin treatment.

4-3-18.

(sd) E.F. Trew Brigadier General.
D.A. & Q.M.G. Desert Mounted Corps.

Headquarters

3rd. A.L.H. Brigade.	O.C. Signal Squadron.
4th. A.L.H. Brigade.	O.C. Field Squadron.
5th. Mounted Brigade	O.C. Divisional Train.
19th. R.H.A. Brigade.	Camp Commandant.
A. D. M. S.	O.C. Sanitary Section (through
G. S.	D. A. D. O. S.
	A. D. M. S.)

For information and necessary action.

The O.C. Sanitary Section acting under the instructions of the A.D.M.S. will co-ordinate the work of these anti-malarial parties and will be responsible that the same methods are adopted throughout the Division.

J. G. Jackson
Captain.

11-3-18.

for A.A. & Q.M.G. A.M.D.



Col. A.D.M.S.

Noted



M2/20.
March 18

B.S.O.: 3rd L.H.Bde.
4th L.H.Bde.
5th Mtd.Bde.
M.O.: 19th R.H.A.Bde.

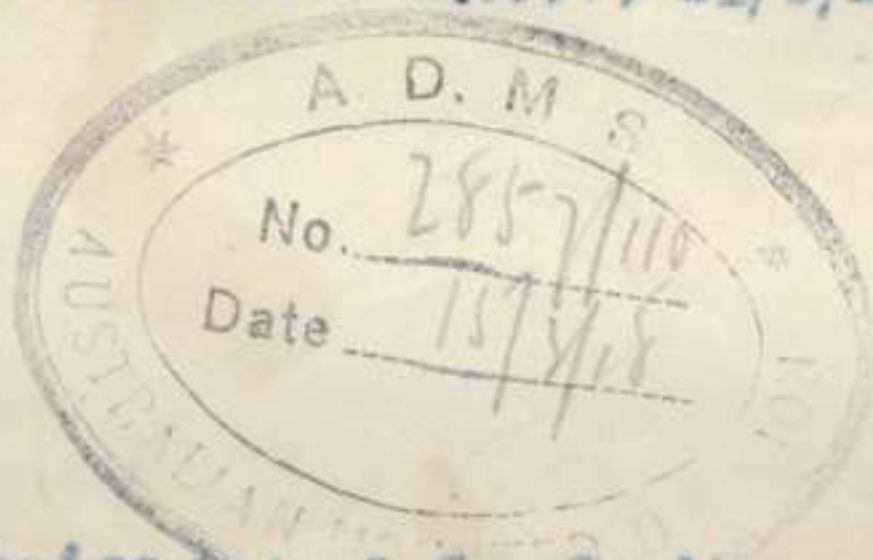
M2/

4/3^a

As the work of mosquito destruction in Palestine will be largely carried out independently by Brigades, it is important that the men detailed from Regiments for this work be trained in their duties by Brigade Sanitary Officers while in the present area.

Lectures with theoretical part and life history of the mosquito should be given, and practical demonstration can be carried out in connection with the work now going on in the area under the supervision of the O.C., Sanitary Section.

Brigade Sanitary Officers will please undertake this work at once, seeing that the full quota of men (i.e. 12 per regiment) receive training (vide letter AQ.997, 11/3/18).



Spencer

Colonel,
A.D.M.S., Australian Mounted Division.

Copies to: O.C., Sanitary Section.
A. & Q.
War Diary (3).





M2/21
March 18.

Att. 3^a

Headquarters,
3rd. A.L.H. Brigade.
4th. " "
5th. Mounted Brigade.



With reference to this office letter A.Q. 997 of 11th. inst., re the forming of parties for anti-malarial work and letter No. 2887/110 dated 15th. inst., from the A.D.M.S. to Brigade Sanitary Officers on the same subject, the Regimental parties consisting of 1 N.C.O. and 11 men will report to the O.C., Sanitary Section on Monday morning 16th. inst., at 0830 for instructions.

Parties will parade with shovels. Rakes will be provided by the Field Squadron as soon as possible.

O.C., Sanitary Section will explain to the party the work to be done and the methods of carrying same out and will fix the numbers required to be at work daily in each Brigade area and arrange for their attendance and for the training of the remainder of the men.

Frederick Jackson

Captain,
for A.A. & Q.M.S.,
Australian Mounted Division.

H.Q., A.M.D.
16/3/18.

Copies to :-

- A.D.M.S.
- O.C., Sanitary Section.

MA



Copy

M 2/22

March 18.

Appendix No 4

A.D.M.S

Aust. M.D. Division

I beg to submit the following report on the sanitation of the division for week ending 16.3.18.

3rd Brigade B.T.Q. Signals Scouts & Antennae, Sanitation Satisfactory

8th Regt. Cookhouses, grease traps latrines & incinerators are being well looked after, Manure being burned.

9th Regt. Everything satisfactory except that all Manure is not being burned. Some is still being used in road making.

10th Regt. Again everything satisfactory except the disposal of Manure, a small amount of this is being burned but much is being used to make roads. On one occasion at least last week, manure was being buried in the lines.

M.G.P. The incinerator area was very unsatisfactory at the beginning of the week, but improved later when a new sanitary detail took charge.

2nd Amd Sanitation very good.

M.V. Section Satisfactory

Y.M.C.A Good

5th Brigade B.T.Q. Sanitary detail removed for other duties and latrines working without supervision.

2nd Amd Sanitation good.

Warwick upo very good.

Worcester & Gloucester Regts both very good.

Manure in this Brigade is not being burnt as units all say that they have had no orders to do so.

4th Brigade B.T.Q. Signals & M.D.A. Improvement in last week an effort has been made to clean up around incinerator. Very little attempt made to burn manure.

M.G.P. Horse lines very foul in parts, this unit is behind with burning of manure, probably owing to the weather. Sanitation otherwise good.

14th Regt. Sanitation good.

11th Regt. Good

Rubbish reported at rifle range last week is still the same.



M2/23
March 14.

(2)

Water Guard Canteen of No 6 A Satisfactory
Fla. Am. Goods.

12th Regt. Manure is being spread too thickly & is accumulating. Native quarters still unsatisfactory. Refuse bins at officers mess & transport cookhouses require lids.
Divisional Troop. D to Q Good.

Paid Regts. The sanitation is good here except for the incinerator & manure. The incinerator has been very badly looked after lately. A large amount of half burnt rubbish has been tipped out alongside incinerator. The manure also shows lack of attention & has accumulated very much.

Signals Very good

B A b. Very good

A R. A b. Good

B R. A b. Good except that manure is being spread.

Note.

Dis Train Sanitation good, all units are burning manure except 36th Coy who are burning some & spreading some on roads.

19th Bde R to A Good.

Inter Brigade Areas. Very scanty reports have come in about these areas but they seemed to be unsatisfactory.

Anti-Malarial work. The larger pools have been numbered & siling has been done this week. No cleaning up has been done as appliances have not been to hand.

A detailed account of the siling was handed in to ADMS office this morning.

Divisional Baths. The numbers of men who bathed here during the week were

10 3 11 5th Bde 120 o/Rank

11 3 18 4th " 171 "

15 3 18 Div Troop 263 "

16 3 18 3rd Bde 213 "

Total for week 837 o/Rank.

(2)

(3)

M/2/24
March 18.

The baths are not being used to the extent they should as it very rarely happens that the full quota of men is sent down. It should be insisted on that units keep to their correct times as one batch being late is liable to interfere with those following.

Brigades also do not seem to detail pumping parties but expect to find them at the baths. To get the best use from the baths pumping parties should be detailed.

160 of Ranks have attended for disinfection before going on leave - The disposal of several dead horses has been supervised during the week.

Return of Sanitary Material reallocation of Natives herewith.

Sgt. S. R. Hafford Capt.
i.o.c. 8th San Section

Belah.

16.3.18.



(3)

M/2/25
March 18.

Allocation of Natives 16 3 18.

3 rd Brigade	8 th Regt	2	
	9 th "	2	
	10 th "	2	
	B. T. Q.	1	
	F. D. Amb.	1	
	M. G. B.	1	
	M. V. B.	1	10

4 th Brigade	14 th Regt.	2	
	11 th "	1	
	12 th "	3	
	B. T. Q.	1	
	F. Amb.	1	
	M. G. B.	1	9

5 th Brigade	Waimick	1	
	Turroestus	1	
	Elancestus	1	
	M. G. B.	1	
	F. Amb.	2	
	B. T. Q.	1	7

Div Troops.	B. T. Q.	2	
	F. Regts.	1	
	Big "	1	
	R. T. A. Helgts	1	
	Notes	1	
	A. Batty	1	
	B	1	
	B. A. C.	2	10

Kelat School 2

Rans Rectory 7

Rais 1

Total 46

Copy

M2/26.
March 18. Appendix No 5

A.D.M.S

Insidit

I beg to submit the following report on the sanitation of the Division for the week ending 23.3.19.

3rd Brigade B.T.O. Big Troops Scenti canteen cookhouses, latrines
and greasetraps satisfactory. Some manure was buried in
horse-lines early in week but was rectified later. Some
manure still being spread on roads but most being burnt.

8th Regt. The sanitation of this regiment is very good except for
the horse-lines. Manure was buried early in the week alongside
the sick horse lines whose lines are not properly cleaned each
morning.

9th Regt. Sanitation generally good. This regt is still spreading
manure on the roads. There is absolutely no need for this as it
can quite easily be burnt. Also some manure was buried
in horse-lines during the week. Horse lines here are dirty also.

10th Regt. Here again sanitation good except the horse-lines
manure buried in the lines during the week. Horse lines
very dirty.

M.G.D. Sanitation generally good. horse lines dirty.

I. Amb. Satisfactory

M.V.D. Good.

Y.M.C.A. Satisfactory

The horse lines in this brigade are in a very dirty condition.
The lines do not seem to have been properly marked out
at any time. There is a great deal of old manure lying on
the lines. A little more seems to be left on the lines each
morning & no attempt made to clean up the old manure. No
evidence of fly breeding.

11th Brigade B.T.O. M.V.D. Rigs Grease traps foul & not fly proof
otherwise sanitation good.

M.G.D. Grease traps very dirty. This was reported early in the week
but there was no improvement at the end of the week. Bags
used for kitchen refuse were filthy & attracting flies.

Y.M.C.A. A horse is kept in the vicinity of this canteen but no
attempt is made to keep the area clean.

M 2/27
March 18

4th Regt The sanitation of this regt was generally good. Early in the week, there was a very large amount of muck, raked up behind horse lines on one Squadron. This has since disappeared & was probably spread on roads. Correspondence from R.S.O. to R.A. Sec sent to DADMS.

11th Regt. Sanitation good

12th Regt. The sanitation generally is good, grease traps, muck are not fly proof & more disinfectant could be used with advantage. Incineration satisfactory. Latrines as a rule in the brigade are not fly proof but ^{unless} the authority is given for the use of bags it will be very difficult to overcome this.

5th Brigade Worcester Regt. Sanitation here is very good except for horse lines which are very foul.

Gloucester Regt. The incinerator area is still untidy tho much improved. Complain the one incinerator is not sufficient. Am writing today to try to obtain one from the 4th L.F. Bde.

Warwick Regt. Sanitation good.

Divisional Troops Regts 2 & 6 A Regts Sanitation satisfactory

A Battery 4A6 Grease traps at Regt Mess has no lid & coal houses untidy having tins & other rubbish lying about.

Still some manure spread on roads. Sanitation otherwise good.

B Battery 4A6 This unit is also spreading some manure on roads, otherwise satisfactory

6th Battery Similar to B Battery.

Dis Train. Sanitation satisfactory, manure is being burned but is rather untidy as burning areas are not divided into plots.

2d Regt. Muck improved. Manure burning now well in hand. Grease traps now fly proof, incineration satisfactory.

Regt Regt. Satisfactory.

B. A. C. Satisfactory

D. T. G. Good

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Dismissal Bath The number of men who bathed here during the week are

3 rd Bde	20 ofRants	5 th Bde	165 ofRants
4 th "	455 "	Div Troop	440 "

Total for week 1080 ofRants.

63 ofRants attended for disinfection from to preceding on leave during the week.

Returns of sanitary equipments & allocation of Natives herewith.

Inter Brigade areas are satisfactory

sgt. J.R. Stafford Capt
"OC 8th Section

Allocation of Natives 23 3 18.

3rd Brigade B.M.Q. 1
8th Regt. 2
9th Regt. 2
10th " 3
M.L.S. 1
7th Amb. 1
M.V.P. 1 10.

4th Brigade B.M.Q. 1
M.L.S. 1
7th Amb. 1
11th Regt. 2
" " 1
12th " 3 9.

Div Troop. D.M.Q. 2
Signals 1
7th Regt. 1
B.A.C. 2
A H.A.C. 1
B " 1
Kett 1
R.H.A. M.L.S. 1 10

5th Brigade Quartermasters 1
Transporters 1
Communications 1
M.V.P. 1
7th Amb. 2
B.M.Q. 1 7

With Section 13
Rais 1
Total 50

4 Natives were returned to Section from hospital during the week.

Copy

M2/29

11/11. 11.05

March 18

A.D.M.S.

Turkey

I beg to submit the following report on the anti-malarial work done during the week ending 23.3.11

4th Brigade. All permanent water areas in this brigade have been cleared up of debris & sown during the week & the surface of each pool siled. The pool near the M.G.P. however is used for ablution purposes, was nearly cleaned but not siled.

Numerous small holes in the area which contained water with larvae were filled in. Two constructed pumps still remain in 4th Regt. lines. These have not been treated. One of these is practically filled in but the other is being used for ablution purposes. Two holes near rifle range were filled in. No holes except those mentioned remain in 4th Brigade area.

This work has been carried out by the gang from the 12th Regt. No more than one gang being needed.

3rd Brigade. This area contains more swampy ground than any other within the Division. Consequently the three regimental gangs have been employed. A large swamp near 3rd Coy. Scouts has been drained into a permanent pool about half its original size. A sand bank constructed round the pool, all rushes & reeds removed & the surface siled. Marsh ground around the area was covered in with sand. Mosquito larvae & pupae were very numerous, but application of oil destroyed them. Two holes were filled in as well here. Large pool near 14th Coy. Scouts has been siled. This is drying up fast so siling is the only treatment necessary. The large swamp in front of 9th A.L.H.R. lines has been cleared of rushes etc. & a large part filled in with sand. The surface of the water was then siled. Swamp at 10th A.L.H.R. watering trough has been canalised, the canals have been & water surface siled. Water hole at ablution area here has not been siled. At 8th L.H.R. sick lines a pool hole was filled in. Same has been reopened & contains many larvae & pupae.

5th Brigade. There are no pumps in this brigade, all the water being drawn by buckets. This makes it impossible for siling to

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M 2/30.

March 19

(2)

be carried out. Have asked DADMS to find out which are authorized watering places so that others can be siled. At present the only way of treating areas is by weeding & cleaning. Numerous small holes filled in. A small swamp in Ambulance lines has been filled with sand. Swamps bordering the lake are being weeded & banks sanded preparatory to siling. All water surfaces where practicable have been siled during the week. In this Brigade also, the three regimental gangs have been employed.

Incidental Area Mosquito gang reported 2/3/18 has been used since. Small swamp near Raw Section drained into smaller & more permanent pool weeded, banks sanded & area siled. Four pools round Field Sqdn similarly treated. One swamp Roman well siled. One very deep swamp contains larvae & pupae. This swamp has not been treated as it is used for ablution by 2/8 Sqdn. Today I saw Ob. & obtained his permission to sil swamp. Two swamps used by Batteries for ablution water have not been treated. Five job holes filled in at 2/8 Sqdn. lines. Weeding & siling have been cleared of reeds etc. All pools where possible have been siled & all small holes filled in. The great majority of mosquitoes breeding were culas only very few Anopheles larvae found. As you will see in following report there are some pools which have not had correct treatment. There are pools here & there that should most certainly be siled or closed. Some of these are being used by ablution by Regiment. Can you please tell me whether Ob. Ramtan Section can order these to be closed? Again the treatment of drinking water areas is different as sometimes the area is pumped nearly dry & soil would probably be sucked thro' the pump. During the week I had instructions from DADMS to make a start of the treatment of the lake. This seems to me to be too large an undertaking for the men I have. Would it be possible to have an inspection of the lake early this week. If possible I would like the DADMS to make an inspection of the whole area under treatment so that improvements might be suggested.

24.3.18.

(2)

sgt. SR. Stafford Bull
ac v. Ben Lachie

Copy

①

M2/31 App. No 7
March 18.

A.D.M.S

Ausdw,

I beg to submit the following reports on the Anti Malarial work done in the divisional area for the week ending 30.3.18.

The brigade areas this week have been attended to by one regimental party each & the divisional area was worked by a combined party of 16 men from 19th Bde R. to R. & 2nd Bde R.

The remaining six regimental parties have been employed on the lake.

11th Brigade This area contains 13 pools & 4 swamps representing an area of about 1220 sq. yds. water surface. All pools have been kept clean of reeds, weeds etc. The edges have been kept sanded. The surface of the water was oiled on 27/3/18. 30⁺ pints of oil were used. Owing to the continuous heating of water from the pumps & abatement pools, the oil does not remain for any time in these places. An arrangement for the pools to be oiled in the evening is being made. By this arrangement the oil would remain on the surface during the night. The work here has been very satisfactory.

3rd Brigade This area contains 8 pools 3 potholes & 4 swamps representing a total area of about 3000 sq. yds., 75 pints of oil were used in this area. The work necessary to keep this area in proper condition has proved too much for one party, although they have done very good work. Another party will be added for the next week. The swamps in front of the 9th Reg lines have occupied the party for practically the whole week. A canal properly sanded has been made to carry the water from the soakage area to the swamps. A pad soaked in oil has been placed in the canal so that a continuous film can be kept on the surface. The party has done a lot of work cleaning out the weeds from the swamps. This is now completed & the edges sanded. All water surface in the brigade area has been oiled except one near the C/O. Tank. This was not oiled as it is sometimes pumped dry. The job holes at the 9th Reg sick horse lines was oiled. This was

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M 2/32

March 14.

②

filled in & another dug by the regiment during the week.

The job hole at ablation area is still open but has been treated, no larvae or pupae found.

Divisional Area. This contains 8 pools & small swamps, Roman well & 2 pumps making a surface area of about 1280 sq yds.

The pool near drinking water area was filled in. All pools have been cleared of weeds & debris. Pumps have now been placed in official watering areas. All surface has been siled during the week. The pumps in B.A.C. area, close to 3rd Bde. cantons have not been filled in as we were waiting for authority to do so.

5th Brigade This contains 9 pools & 3 swamps with a surface area of about 2900 sq yds. The swamp at field Amber, has been filled in & all other pools weeded & channeled with the exception of that marked E. Time did not allow cleaning of this. Pumps have been placed in all official watering areas & all surface water area siled during the week, 72^{1/2} pints of oil were used.

Lake Area. Rec. regimental parties have been at work here for the week. The stagnant pools round the edge of the lake have been filled in & the edge of the lake itself, cleaned & sanded for a distance of about 400 yards on the sea side of the lake. Also a large marshy area at the NE end of the lake, has been shut off from the main body of the water by means of a sand bank. This area is now being drained into a pumping channel & should be dry in about a week. A similar area on the Belah side of the lake is to be treated in the same way next week. No mosquito breeding was noticed in any area except the lake.

30 3. 18

Belah



(sgd.) SR. Jefford Capt
i.c. 8th San Section.

②

M/2/33
March 29/18.

Appendix 6.

A.A. & Q.M.G.
Australian Mounted Division.

I desire to bring to your notice the fact that the sanitation of the Division in many respects continues to be unsatisfactory.

Weekly Reports are sent to Brigades by Brigade Sanitary Officers and routine inspections are made by the D.A.D.M.S. with no result whatever, as units continue their insanitary practices with a happy disregard of any criticism and any suggestions. This is particularly the case with the reports of the Brigade Sanitary Officers which week by week mentions the same defects still unremedied and the same holds good but to a lesser degree, with the criticisms set out in reports by the D.A.D.M.S.

Unless recommendations made in these reports are enforced by disciplinary measures, the work of the Sanitary Staff of the Division is nullified, and if greater care is not taken throughout the Division in the prevention of fly-breeding and the protection of food from flies, the number of cases of Dysentery, Typhoid Fever, and other fly-borne diseases, will shortly increase to an alarming degree.

The following are the chief defects which have been from time to time pointed out :-

1. Burying of unburnt material which is so productive of flies.
2. Imperfect incineration. It is essential that all faeces and refuse should be burnt to a fine ash, and incinerators cleaned out daily. If any material is only partially incinerated it should be re-burnt, as it will otherwise certainly form a home for flies.
3. Manure, notwithstanding Divisional Orders to the contrary, is in some instances being spread on roads instead of being burnt and in some Units it has even been buried. The square should be adopted throughout and the spreading should be thinly done, as it is usually spread much too thickly. The horse lines are often not well cleaned up and manure is often left inches deep.
4. Cookhouses are still in some Units very dirty, and cooks persist in using the kitchen as a dressing room and storehouse for their dirty clothes. This has been reported constantly in some Brigades with no result. Safes are frequently not fly-proof and food left exposed to flies in the vast majority of cases. I think this matter important enough to take severe disciplinary measures in the case of cooks or men leaving food of any kind exposed to flies in the kitchens or bivouacs. Grease Traps are frequently not fly-proof, and even if a good type is provided, the cooks often leave the lid off or throw the greasy water around the outside of the kitchen. The cook in himself is very often dirty in appearance and not provided with facilities for keeping himself clean. These remarks apply, not to all cookhouses but to certain ones which are reported from time to time without any improvement taking place.
5. The Lines are frequently in a dirty condition which is not only a disgrace to their Officers, but to the Division to which they belong.

The whole condition seems to point to a deplorable lack of interest on the part of Officers in Sanitation, which is so essential to the health of their men, and it is strongly urged that measures be taken to enforce strict Sanitary Discipline. This is particularly necessary in regard to the smaller units attached to the various Brigade Headquarters.

(sd) G.P. Dixon. Colonel.
A.D.M.S., Australian Mounted Division.

26/3/18.

M2/34
March 18.



Headquarters.	O.C.	Signal Squadron.
3rd A.L.H. Bde.		Field Squadron.
4th " "		Divisional Train.
5th Mounted Bde		Sanitary Section.
Camp Commandant.		
O.C., 19th R.H.A. Bde.		

The attached report from the A.D.M.S. is forwarded for your information.

It discloses a state of matters in certain Units which is the reverse of satisfactory. With the near approach of the hot season it is absolutely essential that every sanitary precaution should be taken to prevent avoidable sickness and disease.

The General Officer Commanding wishes the matter to be taken up personally by all Brigadiers and Officers Commanding Units of Divisional Troops and failure to remedy the defects to which attention has so frequently been drawn should in the interests of the general health and fighting efficiency of the Division be dealt with by the severest disciplinary measures.

Johnston Jackson

Captain.

for A.A. & Q.M.G.

28/3/18.

Australian Mounted Division.

Copy to A.D.M.S.

(Handwritten initials)

ADMS

Copy

M/2/35
March 18. A/p/ No 7

A.D.M.S.

Ausdis

I beg to submit the following report on the sanitation of the divisions for the week ending 30 3 18.

3rd Brigade B. & Q Pigs Scant's canteen A new grease trap has been placed at canteen. All latines are flyproof & properly disinfected, grease traps & cockhouses satisfactory. Horse lines bad, especially Pig Troop, but no signs of fly breeding. Incineration satisfactory. Some manure spread on roads early in the week.

8th Regt Sanitation in this regt. very much improved & quite satisfactory. A grease trap is now placed at the foot of each line for use of men other than cooks. This works very satisfactorily. The horse lines in this regt. had moved.

9th Regt Sanitation here is good. Manure was still being spread at the beginning of week but now is being burned. Horse lines fair.

10th Regt. The sanitation here is good except that the horse lines are fair & that manure is still being spread on roads. The area in front of mess platform is littered with paper bottles.

M & B. The sanitation here has improved greatly in the last week. A few bottles & papers were lying in rear of lines. Horse lines dirty otherwise everything satisfactory.

3rd Amb. Satisfactory

M. V. B. Satisfactory

4th to 6th. "

Inter Brigade Area Between 10th Regt 15th Bde a few bottles & papers scattered.

4th Brigade. B. & Q This area was very unsatisfactory indeed at the beginning of the week. Area around incinerator very untidy. Refuse bags needed at motor cyclists as they are dumping refuse in the sand. Grease trap needed at Bde ordnance & the trap at police lines is very unsatisfactory.

There is a suspiciously small amount of manure being shown for the number of horses about. Some was seen burned & crude oil not being used sufficiently.

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March 18.

③

4th Regt. Sanitation good on the whole. Horse lines foul but
no signs of fly breeding.

11th Regt. Satisfactory

12th Regt. Grease trap at officers cookhouse unsatisfactory

Regt's Mess

Drivers

here bags are being

used as covers & are not satisfactory. The urine bin is blocked

Rubbish & faeces are being buried, latrine seats not

satisfactory, crude oil not being used enough. Bottles &

rubbish being dumped in pits behind Regt's Mess in C. Regt.

M. & P. Grease trap at officers cookhouse is not fly proof

fly pupae found on iron used for mixing faeces. Manure

spread rather thickly. Horse lines foul but no signs of

fly breeding.

Field Amb. Seats at Natives latrine needs mending, buckets

need crude oil

Canteen of M. & P. Water Guard & Public latrine. Satisfactory

Inter brigade area satisfactory

5th Brigade Warwick Regt. Sanitation good except for horse

lines. There are foul & fly breeding is going on. recommended

that lines should be moved & old sites dug up.

Worcester Regt. Sanitation generally good, but manure is not

being dealt with successfully & is accumulating.

Gloucester Regt. New incinerators have been installed &

burning on ground discontinued. Still room for improvement

as manure, straw refuse is sometimes not touched for

several days.

M. & P. Sanitation good.

Y.M.C.A. Unsatisfactory. Latrine bucket not emptied for two days

& number of bottles lying around the stage

B. 16.9 Satisfactory

Divisional Troop B. 16.9 Satisfactory

B. 16.8 Regt's. Manure spread is very bad. This area is

getting very little attention at all. There is no system attempted

in the burning of manure otherwise satisfactory

A Battery Similar to Regt's. B Battery similar to Regt's.

④

M 2/37
March 18

Notes Battery Improvements in burning of manure in last two days

B.A.C A column safe is broken & is not fly proof. Russian cones of grease traps being replaced by wooden. Manure patch unsatisfactory. Horse lines not good.

3rd Bde Latrines, kitchens, horse lines & grease traps are satisfactory. Manure burning is now being coped with.

Regnal Bde Sanitation good except for manure. This is not being burned properly.

Divisional Train Tents satisfactory, 35th Coy manure area had small amounts of rubbish scattered about. Camp site otherwise satisfactory, 36th Coy still some manure being spread otherwise good. 37th Coy camp site good with exception of manure area. 38th Coy, good with exception of tents & 38th Coy no system is used in spreading & burning manure.

Divisional Baths The numbers of men who bathed here during the week are:

3 rd Bde	3300	Ranks	5 th Bde	212	Ranks
4 th " "	261	"	Div Troops	197	"

Total 1000 Ranks

60 men were disinfected prior to leave. Blankets disinfected for 4th L.T.F. Amb. 30 to 40 men per day came independently to Baths to do their washing - no pumping parties provided. On 22.3.18. 892 men had their kits fumigated at the disinfecting train Belah under the supervision of this unit.

Return of sanitary equipments & allocation of natives herewith.

31.3.18.
Belah

sgt. J.R. Hafford Capt.
Joc 8th San Section



M2/34.

Allocation of Natives

31. 3. 18.

March 18.

3 rd Brigade	8 th Reg	2	
	9 th "	2	
	10 th "	2	
	M.G.D.	1	
	M.T.D.	1	
	F. Amb.	1	
	B.T.Q.	1	10

4 th Brigade	11 th Reg	2	
	11 th "	1	
	12 th "	3	
	M.S.D.	1	
	F. Amb.	1	
	B.T.Q.	1	9

5 th Brigade	Warwick	1	
	Worcester	1	
	Manchester	1	
	M.G.D.	1	
	F. Amb.	2	
	B.T.Q.	1	7

Div Troops	B.T.Q.	2	
	Rigs	1	
	F. Regt	1	
	B.A.C.	2	
	A Batty	1	
	B "	1	
	Notes	1	
	19 th Bgh RHA	1	10
	With Section		13
	Rais		1
	Total		<u>50</u>

Two extra natives loaned to F. Regt for the week.

31. 3. 18.

SECRET.

M2/39
March 18.

Copy No. 4.....

Medical Instructions by Colonel G. P. DIXON, A.D.M.S.
Australian Mounted Division.

Appendix 8

31st March, 1918.

Reference 1" map, sheets 19, 16, 13.

- (1). The Division, less Warwick Yeomanry, will march to SEIMEN in Brigade groups leaving BELAH on April 1st, 1918.
- (2). Ambulances complete will accompany their Brigades in full marching order as for operations. Dismounted personnel of Tent Divisions will be carried in Ambulance Wagons and Motor Ambulances.
- (3). All surplus baggage and personnel will be sent to the Divisional Dump at BELAH to-day.
Area stores will be left in present site, and Ordnance Stores not forming part of equipment will be handed in to R.O.O., BELAH.
3% Portable Latrine Equipment and 1 portable incinerator will be carried.
- (4). Current days rations for man and horse will be carried and renewed at each camping place.
- (5). Sanitary Section will move with Divisional Troops, leaving BELAH at 1100 April 1st under orders of A.D.M.S.. O.C., Sanitary Section will arrange for sanitary natives to march with the units to which they are at present attached.
- (6). Acknowledge.

Issued at 1.000.....

G.P. Dixon Colonel,
A.D.M.S., Australian Mounted Division.

- Copies to:-
1. 3rd L.H.Fld.Amb.
 2. 4th L.H.Fld.Amb.
 3. 5th M.B.Fld.Amb.
 4. 8th Sanitary Section.
 5. "G"
 6. D.D.M.S.
 7. D.D.M.S.
 8. File.
 - 9, 10, and 11. War Diary.



Appendix 8

March Table to accompany Divisional Order No. 1.

M2/40.

Date.	Bivouac for night at	Div. Trps. Group.		4th Bde Group		5th Bde Group		3rd Bde Group		Group representative to report to A.A. & Q.M.G.	Place.	Remarks.
		Time of starting.	Approx. time of arrival	Time of starting.	Approx. time of arrival	Time of starting.	Approx. time of arrival	Time of starting.	Approx. time of arrival			
April.												
1st	GAZA	1100	1330	1200	1430	1330	1530	1500	1730	1200	ALI MUNTAR.	
2nd	MEJDEL	1000		1030	1230	1130		1230		1100	H.Q. Admincom MEJDEL.	Units will be prepared to march from GAZA from these hours at ½ hours notice but will await orders from Divl. H.Q.
3rd	SUKERBEIR	0900	1200	0930	1230	1030	1330	1130	1430	1030	SUKERBEIR camp	
4th	DEIRAN	0900	1200	0930	1230	1030	1330	1130	1430	1030	H.Q. Desert Mtd Corps DEIRAN.	
5th	SELMEH									1100	SELMEH.	

Note: Units will water before marching each day.



M2/40.
March 18.



Anti-Malarial Work

M2/41

Appendix 11³9

Divisional Area Belah. March 18.

Pool Number	Position	Area Surface	Amount Oil Used	Date of Lining	Remarks	
1	5 th Bgde.	250 sq ft	6 1/2 Pints	31.3.18	Each pool received the following treatment:- Banks around the pool were made smooth with sand. Weeds & debris removed. Alga scum taken off from the banks and bottom of pools. The water surface was then oiled. This process was repeated weekly. Many small "fox holes" were filled in. The pools were free from Mosquito breeding when last inspected.	
2	"	200 "	5 "	"		
3	"	180 "	4 1/2 "	"		
4	"	90 "	2 1/2 "	"		
5	"	400 "	10 "	"		
6	"	180 "	4 1/2 "	"		
7	"	80 "	2 "	"		
8	"	300 "	7 1/2 "	"		
Total.		1680	42.			
9	Divisional	120 sq ft	3 pints	28.3.18	Pools received similar treatment to those of 5 th Bgde. Five pumps were filled in by order D.A.D.M.S. No mosquito breeding found, when pools were last inspected.	
10	Tranquil Area	180 "	4 1/2 "	"		
11	"	100 "	2 1/2 "	"		
12	"	30 "	1 1/2 "	"		
13	"	100 "	2 1/2 "	"		
14	"	60 "	1 1/2 "	"		
15	"	100 "	2 1/2 "	"		
16	"	90 "	2 1/2 "	"		
17	"	40 "	1 "	"		
44	"	180 "	4 1/2 "	"		
45	"	40 "	1 "	"		
46	Filled in by order D.A.D.M.S.					
Total		1040	26			
18	3 rd Bgde	120 sq ft	3 pints	29.3.18		Pool 22 was originally a swamp containing many weeds & rushes. Mosquitoes (Anopheles) were found breeding. All rushes were grubbed out of the pool. The water drained into a smaller space. Sand banks made around same and water surface oiled. Pool 43 was originally a large swamp formed by drainage from Sand dunes. The weeds & rushes were removed from swamp. Part of swamp filled in and a sand drain constructed to carry surface water from Sand dunes. Eight small "fox holes" were filled in by order of D.A.D.M.S. No mosquito breeding found on last inspection of pools.
19	"	100 "	2 1/2 "	"		
20	"	180 "	4 1/2 "	"		
21	"	40 "	1 "	"		
22	"	150 "	3 1/2 "	"		
23	"	80 "	2 "	"		
24	"	50 "	1 1/2 "	"		
25	"	60 "	1 1/2 "	"		
26	"	40 "	1 "	"		
27	"	400 "	10 "	"		
43	"	3000 "	75 "	"		
Total		7820	195 1/2			
28	11 th Bgde	350 sq ft	8 1/2 pints	27.3.18	These pools received similar treatment as 5 th Brigade. Three pumps near the rifle range, not in use, were filled in by 11 th Reg. Party. No mosquito breeding was found on inspection of pools 26/3/18.	
29	"	60 "	1 1/2 "	"		
30	"	40 "	1 "	"		
31	"	80 "	2 "	"		
32	"	100 "	2 1/2 "	"		
33	"	50 "	1 1/2 "	"		
34	"	40 "	1 "	"		
35	"	100 "	2 1/2 "	"		
36	"	60 "	1 1/2 "	"		
37	"	40 "	1 "	"		
38	"	80 "	2 "	"		
39	"	90 "	2 1/2 "	"		
40	"	40 "	1 "	"		
41	"	6 "	30 gals	"		
Total		1136	28.10 gals			

Total Water Surface in Divisional Area = 11,676 sq ft. Oil used for work = 292 Pints.



M2/42.

March 18.

(2)
Lake Area Remark.

Appendix 11^o9

On inspecting stagnant water around edge of the lake, numerous pools were found to contain larvae of Anopheles mosquito. The stagnant pools were filled in with sand and the banks made smooth. The large lagoon was separated from the lake by a sand bank. The work of draining the lagoon was in progress when the Division moved out. Filing was done by 118th Sanitary Section General. Three parties from each Brigade and one from Div Troops received instructions on Anti Malarial work. The gangs being employed on Brigade Areas were about.

[Signature]

OC 8th San Section