AWM4

Australian Imperial Force unit war diaries, 1914-18 War

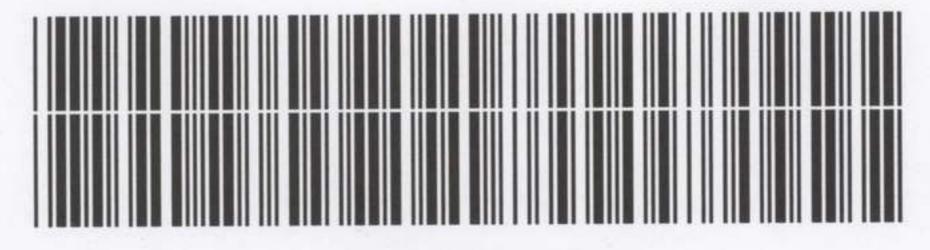
Medical, Dental & Nursing

Item number: 26/82/20

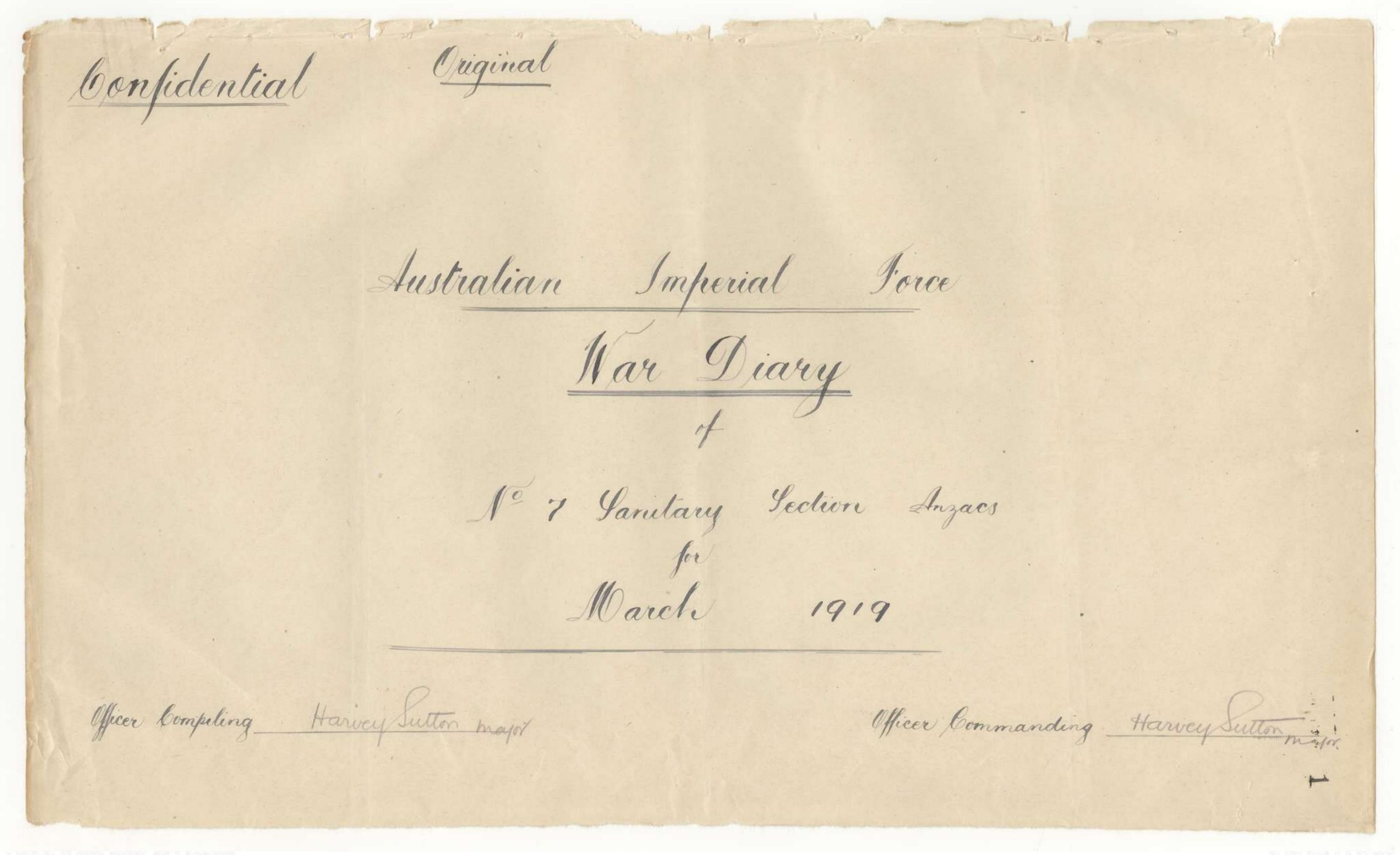
Title: 7th Sanitary Section, ANZAC

Mounted Division

March 1919



AWM4-26/82/20



AUSTRALIAN WAR MEMORIAL RCDIG1014759

Army Form C. 2118.

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.

WAR DIARY

(Erase heading not required.)

WILL DO	Proposes	in manus	cript. (Erase heading not required.)	
Place	MARCH Date	Hour	Summary of Events and Information	Remarks and references to Appendices
RAFA	18t2n		Inspection unca somes. , somes	#
	300	0915	Inopection yman 2mmas., 2mBrog. Lecture to one half NZ Brigade at YMCA Fent on Personal Health	35
			Board Inspected areas around main road	K
	34		Lecture postponed (openair) on account of herce wind and dust	
			Work on Deasmal Graph of malaria	\$
	-		extremely wet and windy this morning	
	5			*
	1	ngan	U.K Leave party 30K. by Wollhupton Golffeaton Spr Physps left for Moascar. worked High Seventh regimental areas High arrived mesterday - arranged about latimage	
	6.	700	Topic court of the state of the	The state of the s
	-	1100	Martiel Brancerator ana	
	4		Medical Board Frist Bygade Major Manusaring Passwent	
	1	1		*
	1	1000-	Medical Board First Bde	
	8	1315 -		B
	-	10:00-121		
	9	1400 1600		1
	10	0915	Lecture one half NZMRBde (B class) at ymeA A Healthy Farms'	
	10	10.30	Medical Board Figst Brigade	To leave the second
191		1330 30	Lecture one half N3 MR Bde (A class) open our " Healthy Telegen"	
	11	0915	DANOS ne Hyrasnes - Swalters et	B. # .
			Horses boarded. But sent + 2 draughts exchanged with Rignal Squarson	
1	10		Inspected watering area - inconerators	
	/2		D. D. & L., London, E.C.	20
			(A8004) Wt W1771/M2031 750,000 5/17 Sch. 52 Forms/C2118/14	

Welczelie ?

Value 3 Army Form C. 2118.

WAR DIARY

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Hour

1130

0915

1030

1430

0930

0900

0930

1400-1030

Date

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19

20

22

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Place

RAFA

0930 provided ormance rollamet 5 storages

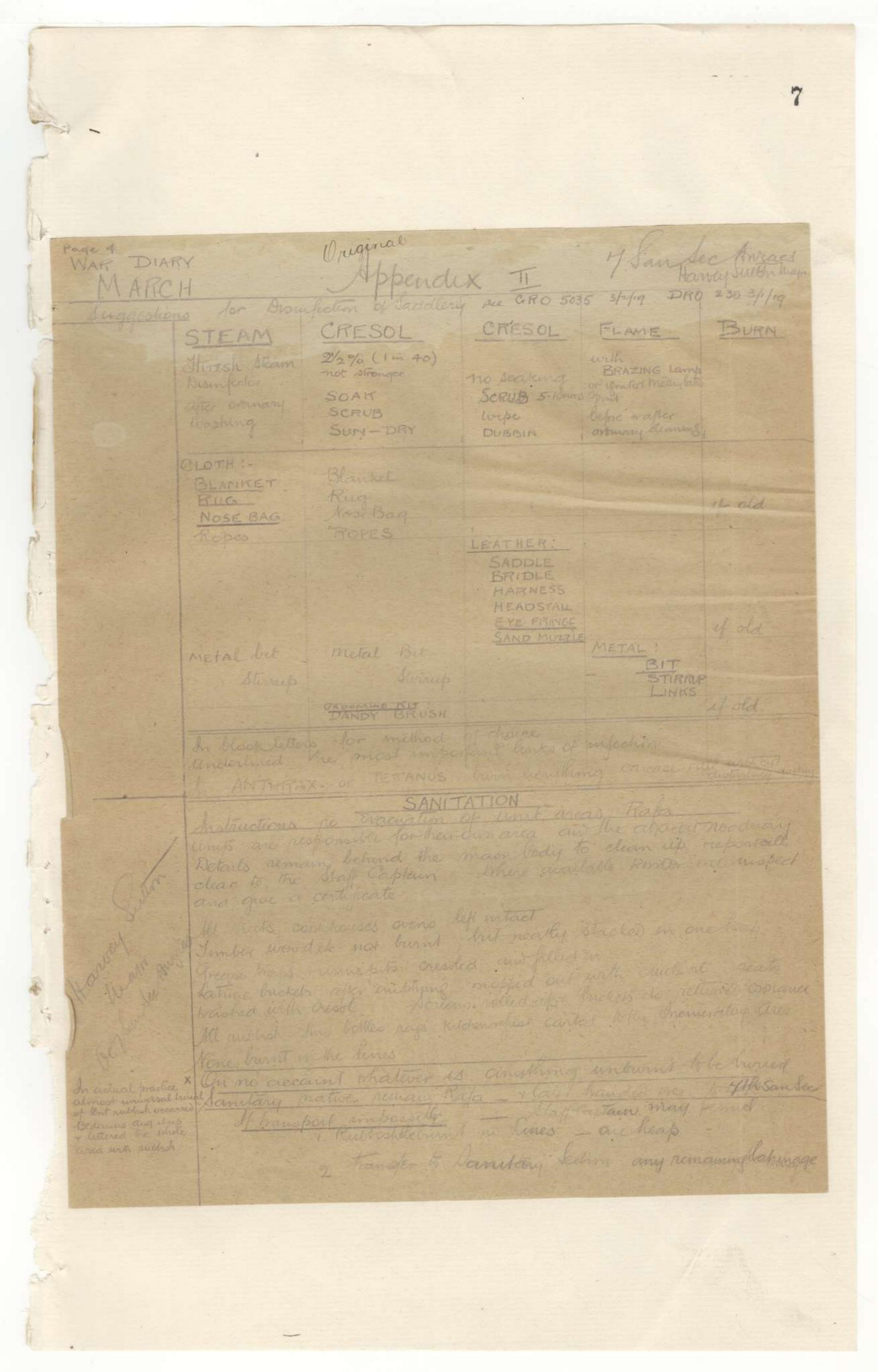
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Summary of Events and Information	Remarks and references to Appendices
215 Medical Board First Brigade Inspected camps 1st. 2 m Regi - Brig who marched out last night	B
	8
	*
Disunfested 50 Drw. Train Egyptians	0
Meeting of CO's at GOC Angos regarding Conditions in general	18
Lecture NZMR Be "B" Class in ymca " Eugenics"	怎
mispectos NZ Box area (Box les last exemp) details at work cleaning up	#3
Medical Bourn	
Pala Station pe Turbush Thresh 500 DAAG Angad 20R inspectors for NZMRBde left that night	B
	*
dropected total rago areas when moving out	AN A
Inomerator inspectes: Three Thresh Assurfactors 2 on loan 1 unpossession handed over to Scothahltorse F.A.	B
Incomerator NZ area; Sandary Report forwarded DMS 9HD as per mohuchon ADMS	\$
Saw major Hampel . Plate Capt Chagum La Chander regarding the area find the Bedown interference	AND THE PARTY OF T
One pratice conversal incurrence hours 32 m Con Dr. Train evacuates are influenza facilists hired & Anon's	2
+ ordered separate tricks fortrain with rodation Raulasa Wanwing momeratury area and area and exacualis to the Station	40
unspected outs before morning (H-1200 humply board our knot	5
Farmed at Kantara, Malerial by wolor born to tamp pute near 3 Egypth Hoof I roll Pof W camp.	8 - I
mode DHQ, pais AHAMS and DASOS	#
would go lander rollamed 1 strang Some formalin tento Brionaco Sant Con aprayed by Set Jones	100
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(A8004) Wt W1771/M2031 750,000 5/17 Sch. 52 Forms/C2118/14 (MS u al meterleonis & general vanilary work carried and oc.	of the San Sect

KANTARA

Appendix I 7. San Sec. Airgas Harvey Sullar WAR DIARY MARCH - (c) An important and to burning of feces was INCINERATION introduced by Staff Sqt Banogrove The first method. was to dump the buckets on top of a small mound of Abben then transfer the tothe incinerator or win burn on a larger heap of libbin on the ground I made a nule that no repest of any description was to so in the French weighing must do not the incinerator. The device adopted allowed this rule to be effectively followed up four Old Buckets were obtained these perforated in sides and bottom for use as strainers these were placed on two vim bours whiche they lengthurse over a Though of cornigated iron leading to alonge absorption put with bucket strainer at the entraince the Unit truckets intents arrival were quietly dumped with these receptables authoritethed to the limbers so that auch transport was not in any way delayed and the traffic did mot become conjuted the featman came in each morning between 100000 -1100 - then the wine had stramed off a maker of a few minutes_ methese won "colandors" the relatively dry - Jeces mired with tiblin were develod on anothering weinerater and more littles friton the 166 This meetine of feces and talon formed so he speak the soing of the cake of million and, restrict time in the fire below. Itsoon down + durappeared in Conduction the priest newloss in The whole affair is a numinim thest feces donot smell in the make is not malvacrous. won trough had to watched Itwas trumbent lines weekly with C'Solishon recesoled daily. Then fraily removed when the area was closed up it was free from over or musauce dut disposal of write wen though Jecal standed efective and complete One difficulty alone in connection unto incineration was not overement, namely smoke. This is the one advantage that a well-built incomerator municipal destructor possesses - shote by a draught, andustion changer and chunney can be completely diminated. We tried direct having the turning the Northwesterfe beward of prevailing winds Then whileying the leeward pides of the papeare unwhether 26 moinerators were arranged This was a failure for the wond chopped about and - offen Doontry 26 would be infull that. The smake was high to the eyes and two white maties required agebrathe motor Eggles would have been helpful. The time yexposure however was poughty about the mette morning the hours Erice the mountains were filled they

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	Second Bode	+ 2 wagmloads	11 bogs 10 "	21	71/2	1800	
	Artillery .	19	2	F			
		119 +	17 Gago 12 Vales	37 buckets	12 homisto	3000 to 3000 app	eK.
	her bleton	1/	10	11	11/2	an mem	
	Scene Bole	28	16 bags 5 Vales	17 buchels	44	day	
	Attillery	5	0	1	. 1/4		
	THO area	2 wasmitout	. 29 bags . Stales	2	4		
		44 +	53 + 13	34	85/10		
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March

Appendix 1.

Incineration

A feature of sanitation - the chief feature in fact - was the establishment of a divisional incinerating area. The scheme had original points. In Kantara well constructed large brick destructors carry out similar work more in municipal fashion. The Rafa camp idea was the adaptation of field service conditions to base camp methods. Instead of disposal of refuse and excreta by individual units it was found practicable to combine all this and concentrate the whole work to one area under the control (direct) of the Divisional Sanitary Section. Units thus carried out collection and transport the rest was done for them. Two circumstances helped to bring about the adoption of this Divisional scheme the first of its kind I believe North of Kantara.

- 1. The Divisional Site was unusually compact Unit camps close together and generally concentrated hence unit incinerationwould have been a nuisance and camps full of smoke concentration too lessened amount of transport. The incinerating area was situated to leeward.
- 2. The spells of stormy wet weather occuring during the winter rendered the complete burning of human feces difficult and units therefore less keen on keeping the responsibility of disposal. This difficulty was overcome at the incinerating area by (a) more efficient type of incinerator - Boxtype i.e. a box open at both ends and at the top made of 4 sheets of corrugated iron two as a floor and one at each side supported on a framework like a & bed of 3 sets of three angle irons or iron props arranged as two uprights and one crosspiece to support each end and the middle. Wire mesh held in the rubbish at each end. The floor level is about 18 inches to 2 ft. from the ground partly for air draught partly to suit off loading being about the level of the timber floor. The Iron sheets are perforated (not essential) the iron props pegged together by iron nails and tied with wire - wire alone first used tended to melt and give way with the heat. Such an incinerator once it is going well is difficult to put out, the tins in the rubbish get red hot and retain the heat well and even in wet weather will burn completely out.

(b) To get them going well we used at times C solution but mainly relied on dry tibbin. A large heap of damaged forage was made and even in the rain by digging under the top damp layer fresh supplies of dry tibbin could always be obtained. The incinerators were raked out each morning and unburnt portions again put on the fires.

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Harvey Sutton Major OC 7 San. Sec.

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One difficulty alone in connection with incineration was not overcome mainly smoke. This is the one advantage that a well built municipal destructor possesses - smoke by a draught, combustion chamber and chimney can be completely eliminated. We tried at first having the incinerators to Northwest of leeward of prevailing winds then utilizing the leeward sides of the square in which the 26 incinerators were arranged. This was a failure for the wind chopped about and often 20 out of 26 would be in full blast. The smoke was trying to the eyes and two or three natives required eyebaths. Motor goggles would have been helpful. The time of exposure however was roughly about 2 hrs. in the morning one hour in the afternoon. Once the incinerators were filled they looked after themselves.

ESTIMATE OF AMOUNT OF REFUSE DISPOSED OF DAILY

Specimen Day Unit	Rubbish	Tibbin	Fecal	Incinerators Full	O&OR	Horses
First Bde. (second part)	30 Sacks	4 Sacks I 2 Bales	11 Buckets	21/2	700	99
Second Bde. Complete	70 + 2 Waggon Loads	Bags I 10 Bales	21 Buckets	72	1800	
Artillery	19	2 Bags	5	2	300+	
=========	119 + 2 Waggon Loads	12 Bales	37	12	3000 Approx.	=======
Incomplete 2nd. day 1st. Bde. less 1 Reg.	11	10	11	12	An incom- plete day	
Second Bde	. 28	16 Bags 5 Bales	17	41		
Artillery	5	0	1	4		
D.H.Q. Area	2 Waggon Loads	27 Bags 8 Bales	2	4		
=========	44+	53+13	31	10		

The above notes were made when units were already dispersing the B Bde. and Divisional units gone and first part of 1st Bde embarked. Again only a few horses, transport animals and officers chargers remained with unit, still it gives an idea of the approximate amounts dealt with ordinarily.

FECES 3000 men = 37 buckets at 80lb.+ a bucket =2960lbs. = 11/4 tons and approx. 1 lb. a man.

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In the full division when about 7000 men were dealt with = over 3 tons daily

INCINERATORS Capacity of a well packed incinerator = 9ft x 4ft x32ft high = 120 cubic ft per incinerator = 12 diam. x 120 = 1440 cft of rubbish

Calculated on Sp Gravity Water - 1440 cft = 90000 lbs. = 40 tons approx. In full working order at least 20 sometimes 24 were used

10 15 1 cft water = 1000 ozs. = $\frac{20 \times 120 \times 1000}{3}$ = 150,000 = 66 tons

= $\frac{120}{24} \times \frac{120}{120} \times 1000 = 180,000 = 80 \text{ tons}$ 1000th.

16 Daily eration

70 tons then is a conservative estimate for mass incinerated while Incin- considering the great mass of tibbin not burnt but put on the heap the total might have at times approached 100 tons daily.

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In the full division when about 7000 men were dealt with = over 3 tons daily

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Calculated on Sp Gravity Water - 1440 cft = 90000 lbs. = 40 tons approx. In full working order at least 20 sometimes 24 were used

l cft water 10 15 $\frac{20 \times 180 \times 1000}{1000} = 150,000 = 66 \text{ tons}$ = 1000 ozs. =

 $\frac{1000}{16}$ th. = $\frac{94 \times 1000}{16} \times 1000 = 180,000 = 80$ tons OF

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MARCH

APPENDIX II

Major.

Suggestions for Disinfection of Saddlery see GRO 5035 3/2/19 DRO 230 3/1/19

STEAM Thresh Steam Disinfector after ordin- ary washing	CRESOL 22% (1 in 40) not stronger SOAK SCRUB SUN-DRY	CRESOL No soaking SCRUB 2-10 mins. wipe DUBBIN	FLAME With BRAZING Lamp or ignit- ed Methylated Spirit before or after ord- inary cleaning	BURN
CLOTH: - BLANKET RUG NOSE BAG Ropes	Blanket Rug Nose Bag ROPES			If old
		LEATHER SADDLE BRIDLE HARNESS HEADSTALL EYE FRINGE SAND MUZZLE		If old
Metal Bit Stirrup	Metal Bit Stirrup		METAL: BIT STIRRUP LINKS	
	GROOMING KIT DANDY BRUSH			If old

In block letters for method of choice
Underlined the most important links of infection
In ANTHRAX or TETANUS burn everything carcase and all without disturbing anything.

SANITATION Instructions re evacuation of Unit areas Rafa.

Units are responsible for their own area and the Aracat roadway Details remain behind the main body to clean up report all clear to the Staff Captain. Where available R.M.O.o& S.M.O. inspect and give a certificate.

All huts cookhoused ovens left intact
Timber wood etc., not burnt but neatly stacked in one heap, grease
traps and urine pits cresoled and filled in. Latrine buckets after
emptying mopped out with crude oil. Seats washed with Cresol.
Screens rolled up and buckets etc., returned ordnance.
All rubish tins, bottles, rags, kitchen refuse carted to the Incinerating Area. None burnt in the lines.

- On no account whatever is anything unburnt to be buried

 Sanitary Natives remain Rafa and later handed over to 7th San. Sec.

 If transport impossible Staff Captain may permit:-
- In actual practice almost universal burial of tent rubbish (2) Transfer to Sanitary Section any remaining littered the whole area with rubbish.

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