

AWM4

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

Medical, Dental & Nursing

Item number: 26/77/15

Title: 2nd Australian Sanitary Section

June 1917



AWM4-26/77/15

WAR DIARY

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.

INTELLIGENCE SUMMARY.

(Erase heading not required.)

VOLUME 17

1270

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
1/6/17 BAPAUME.			<p>Paid visit of inspection to greater part of area occupied by 20th Division inspected FAUREUIL. BEUGNATRE. VAULX. VRAUCOURT & the area almost as far forward as ECOUST. MOREHIES area inspected previously. Found things generally very insanitary in all the villages, but more satisfactory in camps & sunken road bellets & dugouts. Work required throughout. Public latrines & incinerators: refuse accumulations to be removed. Cesspits to be felled in. Deep pit fly proof latrines are required in the sunken roads. Shellholes containing refuse should be filled over with earth. Water supplies visited. Good. But men are required for duty on wells & waterpoints to chlorinate all water leaving them.</p>	
	2/6/17.		<p>Saw DADMS 20th Division & discussed sanitary condition of area & the requirements in the way of working parties, transport (GS wagons) and water duty men. Put in a written application for men & wagons giving number required at the various centres. This will go to Q Branch arranged with ADMS 20th Div to supply ^{to him} a Daily State of all units inspected by Sanitary Section.</p>	
	3/6/17.		<p>Pte SEABROOK returned from leave. Inspection work during morning, at Beugnatre & towards Morey. Saw Q. Branch 20th Div. re details regarding working parties. GS Wagons & water duty men required & explained reasons for applying for these men. Application was favourably considered & these men will be available at 9 a.m tomorrow for VAULX. BEUGNATRE & FAUREUIL.</p>	

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4.6.17. <u>Bapaume</u>			<p>Took over working parties from 20th Division as follows Put these men on to the work required of them.</p> <p>Visited Town Major at VAULX. & discussed the work to be done in & around Vaulx. & Vraucourt. Arranged to billet & ration the party with Cpl Kelleth the sanitary section N.C.O. stationed at Vaulx.</p> <p>Saw Q Branch & reported all correct. Arranged further re GS Wagons & Water duty men. At Vaulx a stationary Water cart will be in charge of two men who will chlorinate & issue water out to those requiring it in ditches petrol tins etc. At other water points men from units will be provided & stationed on the water points as guards, & to chlorinate the water personally.</p> <p>Sent daily state of 20th Div units inspected to ADMS 20th Div. together with state as to condition of camp & billets of each unit, & the action taken re sanitary conditions.</p>	<p>Favencul 12 men Beugnotie 10 men Vaulx 12 men ~ 1 NCO</p>
5/6/17.			<p>Sent to Q. 20th Division Copies of detailed orders issued to men detailed for water duty at water points & wells, as regards control of water point, & chlorination of water.</p> <p>working parties provided by 20th Division are making good progress in sanitary improvement of the area; working under supervision & control of the sanitary section.</p>	
6/6/17.			<p>Visited VAULX - VRAUCOURT area. Inspected the work being carried out by 20th Division working parties under Cpl Kelleth of the sanitary section. Good progress being made.</p> <p>Established a forward dump of sanitary stores at VAULX. & sent Pte SEABROOK up as carpenter. Plenty of material is available from the wrecked dwellings in VAULX & VRAUCOURT & is being collected for purpose of making latrine seats & shelters.</p>	

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6. 6. 17 <u>Bapaume</u>			<p>for recetting the pits. Iron, hessian & other material will be sent up from sanitary section Hqs Camp near BANCOURT, so that the forward dump will be self contained.</p> <p>incinerators will be constructed in VAULX, but not further forward where observation might lead to trouble. All refuse forward of VAULX will be buried in shellholes & trenches. Saw Town Major VAULX with reference to the work now being carried out.</p> <p>Capt MILLIGAN, R.A.M.C. reported to me reference relieving me during my 10 days leave in England. He will remain with me until I go on leave, so as to learn the system on which work is being carried out.</p> <p>inspected the water points & wells in area & explained system of chlorination. Water duty men are provided by Divisions & placed on all wells & water points both to guard them & to personally chlorinate all water drawn in receptacles such as dippers, petrol tins, water bottles etc, the chlorination being carried out by means of a "stock solution" of bleaching powder. Men in charge of watercarts carry out their own chlorination, but it must be done under the supervision of the water detail at the waterpoint who sees that it is done properly. These water details are all under the direct supervision of the sanitary section, & receive their instructions from the sanitary section water superintendants on C.O.</p>	
7/6/17.			<p>inspected large part of area with Capt Milligan & explained system under which work is being carried out. Working parties from 20th Division & from the Corps Reserve Division have been placed directly under the sanitary section</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BAPAUME	9/6/17		<p>are employed on general cleaning up & sanitary improvement work, & on extending the system of public latrines & incinerators. Units in camp carry out their own sanitary improvements including latrines, incinerators, ablution benches, grease traps, soakage pits etc. The working parties deal with matters outside definite camps, & fill in cess pits, felled shell holes & dugouts & deal with any other matters requiring attention. In Bapaume the working parties are still at work cleaning out the filthy billets left by the Germans.</p> <p>9/6/17. Went through the system of office work & docketing of reports etc with Capt Milligan reported on leave to England.</p>	
	21.6.	17.	Returned from leave in England	
	22.6.	17.	<p>Resumed duty. Main points requiring attention are. (a) Manure disposal. (b) Drainage from Baths</p> <p><u>Manure disposal</u>. The method set down to be followed by Army orders is close packing but it is very difficult to get units to carry out this system with any intelligence. They skimp the work every chance they get & the matter leads to constant trouble between units & sanitary supervisors. In the forward area the difficulties are greater than in the more settled back areas, & in my opinion the former method of incineration, or burying in dugouts, trenches & shellholes proved more satisfactory. The method of scattering the manure broadcast over the open fields has proved very satisfactory in this area where large stretches of open country are available.</p> <p>In my opinion it is best to allow local considerations to influence the question of manure disposal. The scattering of the manure is certainly effective in preventing fly breeding during the summer & it is quite devoid of offence or nuisance. In the dry weather incineration is easy & efficacious. There</p>	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BAPAUME.	22.6.17.		numbers of dugouts & trenches to which manure could be carted & buried, & all these methods are preferable to the close packing as carried out by units. Close packing is good if intelligently carried out, but it is the intelligence that is so rarely found.	
	23.6.17.		Tour of inspection of area round FAUREUIL. BEUGNATRE, BIEFVILLERS & GREVILLERS. Good progress has been made in general cleaning up, & in multiplication of public latrines & incinerators.	
	24.6.17.		Steps being taken in connection with fly destruction & anti-breeding measures. Garage is being used out for meat safes etc. Sprayers & fly traps are not yet available.	
	25.6.17.		Inspected VAULX - URAUCOURT & the areas forward. 37 Public latrines have been installed in this area during past fortnight. Also 10 incinerators, & numerous ablution benches etc. The general sanitary condition is much improved. All water points in 20th Division area inspected to day, & report furnished to ADMS 20th Divn. Water supply much improved. A deep bore at Beugnatre now supplies these main water points with excellent water. Consequently some less satisfactory well supplies can now be closed down & this is being done. At Faureuil, a deep well has been thoroughly cleared out & extended by the Engineers & now supplies two water points, enabling two unsatisfactory wells to be closed down.	
	26.6.17.		Prepared & forwarded Monthly Sanitary Report to D.D.M.S IV Corps for transmission to Army. Main points. (a) Great general improvement in the sanitary condition of the area. (b) Water supply generally improved, & chlorination regularly carried out. Of 453 samples taken from water carts, petrol tins, dixies, water bottles etc during the month 432 or 95% were found to have been properly chlorinated. This is the result of placing men on wells & water points.	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BAPAUME	26.6.17.		for this duty. (c) Food supplies better protected. (d) Area now well equipped with collection benches, grease traps, & with public latrines & incinerators. Manure disposal is still not very satisfactory & units are being constantly reported.	
	27.6.17.		Inspected BAPAUME. Signy Thellog - La Bouque & Gréville. Wells at Signy Thellog require attention, & measures regarding observation could be improved. Wrote to C.O. 2nd Aust Pioneer Battalion re this. Two of the wells will be closed down, leaving two for use, which is ample. Gréville. A working party is required with G.S. Wagons for cleaning up this village which has been neglected. No divisional troops are in this village & therefore application for working parties is made direct to IV Corps.	
	28.6.17		Inspected. VAULX - VRAUCOURT, FAUREUIL, BEUGNATRE & BAPAUME. Bapaume has greatly improved. Many scores of billets are now habitable. The cleaning up has been going on since April & results are now very apparent. The town is infinitely cleaner throughout, & should it be required later on for winter quarters, the main work of preparation will have already been done, & only the carpentering & general strengthening of walls & repair of roofs & provision of benches will be necessary. There are 56 public latrines provided, & 7 public incinerators, & a scavenging system is in operation.	
	29.6.17.		20th Division moving out of the area, & 62nd Division moving in. Unfortunately ^{some} 20th Division units which kept their camps & billets in good order during occupation, have left them very dirty.	

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BAPAUME.	29.6.17		<p>order on evacuation. The impression on the incoming 62nd Division is bad & does not make the work of keeping the incoming Division up to a high sanitary standard any the easier. These units have been reported to 20th Division Hq.</p> <p>The 20th Division during its occupation of this area have improved the sanitary conditions very greatly, & it is unfortunate that some units should have destroyed the general impression of good sanitation in the area by their carelessness in evacuating their camps in a dirty state.</p> <p>30.6.17. Some difficulty is being experienced in getting material for sanitary works. Sometimes are especially difficult to obtain, & most of the work has to be done with material salvaged from wrecked houses, & elsewhere.</p> <p>Thus progress is slower than would be the case if ready made sanitary structures could be got from R.E workshops.</p> <p>With the change in Divisions, new arrangements have again to be made regarding working parties, B.S. wagons, water point details & other branches of sanitary work. It is in this direction that continuity in sanitary work is not attained, especially as Corps administration of the sanitary section also changes from time to time. Whenever a change of Divisions takes place, there is for a few days disorganisation of the system for ensuring water chlorination because the water details supplied by the outgoing Division are withdrawn & it takes several days to get new men for the water points out of the new Division.</p>	

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Official Copy APPENDIX

2ND
AUSTRALIAN
SANITARY SECTION.

8

Sanitary Report for month of JUNE 1917

Date

Forward Area3rd Army.2nd Australian Sanitary Section26.6.17.

Furnished to DDMS. IV Corps

I.

Billets & other Quarters.

a. Position. In the front line & in reserve & support line the troops are mostly in trenches or in shallow dugouts in banks of sunken roads or folds of ground.

In the intermediate area & back area troops occupy billets in the villages, Beaumont, Favencil, Bapaume, Beaufort, Berthel, being Thellog, & La Barque, or are camped under canvas around these villages.

(c) There is no overcrowding.

(d) General conditions.

Villages. In the previous report the very dirty & insanitary state of the villages was emphasised & attention directed to the necessity of obtaining permanent working parties under the supervision of the Sanitary Section to clean up these villages. These working parties were made available during this month by the Divisions occupying the area. The working parties being handed over to the Sanitary Section to be used for general sanitary improvement purposes, with the result that the sanitary condition of the area generally, & of the villages in particular, has been very markedly improved.

Daily working parties totalling in all 73 men, were kept constantly at work during the month cleaning out billets

which had been left in an indescribably filthy state by the Germans; burning & burying refuse accumulations, filling in filthy swamps & cess pits, & shell holes fouled by troops, cleaning out dugouts, erecting public latrines & urinals, burying dead animals, spraying offensive midden heaps, & spraying over without the offensive ponds of stagnant water which could not readily be filled in. In this way a great deal of fly breeding material was dealt with, & much offensive matter buried or burnt.

The working parties had several G.S. wagons working in connection with them, & many hundreds of loads of refuse were collected in Bapaume & other villages & dealt with by incineration or burial.

The work of cleaning up is still being carried on, & the incoming Divisions will be asked to provide the working parties & G.S. wagons required.

The Camps are being maintained at a high sanitary level, & the 20th Division which has occupied the main part of this sanitary area during the month, has not only kept its camps & billets in very satisfactory order, but has carried out a large amount of cleaning up work & has in addition provided the working parties for erecting numerous public latrines & incinerators, & for carrying out general sanitary improvements under the supervision of the Sanitary Section. The consequence is that this area is in a far better sanitary condition than was the case a month ago.

Particularly in the forward part of the area about Vaulx - Vrancourt, & the suburban roads beyond, the sanitary conditions have improved & there are now numerous fly proof deep pit latrines which have replaced the former shallow trenches, or very imperfect pan system. Refuse has been dealt with by burial in shell holes or disused dugouts.

2.
WATER
SUPPLY

a. Nature of supplies.

The water supply is obtained.

1. From water points on main roads, water being pumped from deep bores or wells.
2. From wells, especially in the front area

b. (b.) Chlorination. has been very regularly carried out during the month. Out of 454 samples taken & tested from water carts, petrol tins, dippers, tanks etc during the month, 95.2% were found to have been effectively chlorinated.

The details are given in the Special water report & summary attached to this report.

c. Water points. Several new water points have been installed during the month in the area forward of Bapaume & Favreuil, & the position as regards water supply in the whole area is satisfactory.

The provision of these new water points has made it possible to close down several wells with consequent increased facilities for the supervision & control of the water drawn by troops. A deep bore at Beugnatie supplies three water points in this neighbourhood with a big supply of good water, much safer than the former well supply. A well at Favreuil has been extended & improved by the Engineers with consequent improvement of the water supply in that area.

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Water points & Wells are situated approximately as follows

Place	Location	Nature of Supply	Remarks.
NOREUIL.	C 10 d 1.1	Well.	drinking water safe
"	C 10 c 8.2	Well	drinking water safe
"	C 16 a 4.9	Well.	For washing purposes only
LAGNICOURT.	all wells condemned. Fouled or poisonous		
VRAUCOURT	B 24 d 7.6	Well.	Pump supplies a Water point.
VAULX.	C 26 a 7.2	Well.	Canvas band pump { supplies a Water point { house troughs
	I 1 b 7.4	Shallow well	For washing water only
BEUGNATRE	H 11 c 9.2	{ Water point { House troughs	} all supplied from deep bore
	H 17 b 6.9	{ Water point { for Water carts	
	H 17 b 5.7	{ Water point { House troughs	
FAUREUIL	H 16 a 5.2	Well.	Baths supply
	H 16 a 3.2	Water point & House troughs.	Supplied from Well by pump.
	H 15 b 9.1	Water point for Water carts.	Unfinished, but will shortly be in use
BIEFVILLERS	H 19 a 9.1	Well.	For washing water only
GRÉVILLERS	G 30 a 9.2	Water point	{ Compression pump to supply water point: 4 lifts { HQS: • C.C.S from deep well.
BAPAUME.	H 34 d 7.3	Water point & house troughs	} all supplied from Peronne Rd pumping station (former town supply to Bapaume)
	H 34 e 8.7	Water point & house troughs.	
	H 27 d 1.1	Town Hall.	
	H 27 a 9.2	Sucserie.	
	H 28 e 6.1	Well (deep)	safe drinking water
	H 34 a 2.9	well (deep)	do do!
Leqny Thilloz	Two wells.		

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Monthly Water Report

2nd Australian Sanitary Section.

JUNE 1917.

Return of water carts, dixies, petrol tins, tanks etc from which samples were taken & tested to check the regularity of water chlorination in the area.

DATE.	Samples Tested				Results.	
	Water Carts	Dixies	Petrol tins	Tanks	Chlorinated	Unchlorinated
May						
28.5.17	6	8	3	—	17	—
29 th	4	2	—	—	6	—
30 th	9	4	2	—	15	—
31 st	7	7	—	4	18	—
June						
1.6.17	9	2	—	3	13	1
2 nd	6	8	2	2	16	2
3 rd	7	2	4	—	11	2
4 th	11	4	7	1	18	5
5 th	8	5	1	9	19	4
6 th	11	1	3	6	21	—
7 th	10	7	4	2	21	2
8 th	1	1	2	1	4	1
9 th	9	10	1	2	22	—
10 th	4	8	1	—	13	—
11 th	1	2	1	1	5	—
12 th	13	4	6	3	26	—
13 th	7	3	1	3	14	—
14 th	5	1	1	1	7	1
15 th	7	9	—	2	18	—
16 th	7	6	5	2	20	—
17 th	5	3	2	1	11	—
18 th	6	5	10	2	21	2
19 th	8	—	3	1	11	—
20 th	5	2	1	1	8	1
21 st	7	3	3	3	16	—
22 nd	10	—	4	1	15	—
23 rd	13	3	—	2	17	1
24 th	5	—	—	—	5	—
25 th	6	10	6	1	23	—
TOTAL.	207	120	73	54	432.	22.

2ND AUSTRALIAN
 SANITARY SECTION.
 No. 26/6/17
 Date

7.
change over of divisions, when wells & water points were unattended pending obtaining men for the purpose from the incoming division. It was in these few days 1st - 5th June that most of the unchlorinated samples were detected.

(14 out of the total of 22 for the month). This further emphasises the benefit of placing men on the water points & wells for chlorination purposes. This system has the added advantage that these men not only chlorinate the water, but see that it is drawn in a clean manner, & that the wells are not polluted by careless drawing with dirty tins & buckets, such as occurs if wells are not guarded.

Tests have been made at intervals to control the quantity of Bleaching powder required for sterilisation of water at these wells & water points. As regards the wells, less bleaching powder as a rule is required now, than formerly.

The number of wells in use has been reduced to a minimum so that better control can be exercised over the chlorination of the water drawn by the troops.

3 FOOD.

is good. Fresh meat plentiful. Bread of good quality. Vegetables, potatoes & onions in use.

More care is being taken in the protection of food from flies, rats & dust; & safes and covers for food are being made by units.

Supplies of butter muslin, issued to sanitary sections by Ordnance, are now available for use of units.

Cookhouses in general are being kept clean & cookhouse refuse properly disposed of.

usually by incineration; but in the front part of the area, by burial in shellholes.

Grease traps & soak pits have been introduced.

very extensively throughout the Camps during the month.

4
BATHS

Divisional Baths are in use at
FAUREUIL. 20th Division
BAPAUME. 2nd Australian Division

In addition a large number of plunge baths & battalion baths have been formed & are run in a cleanly manner with satisfactory provision for disposal of waste water. The plunge baths consist of a tarpaulin holding water, let into a pit in the ground. Foot baths are also in use, ground sheets being let into shallow trenches for the purpose.

5
LAUNDRIES

There are no laundries in this area.

6
DISINFECTION

Disinfection of clothing, blankets etc is carried out by disinfectors in connection with scabies, lice & infectious disease.

The Foden boiling steam disinfectors are not now controlled by the sanitary section.

Disinfection of premises, or billets, is when necessary, carried out by the Sanitary section.

7
LATRINES
URINALS

The number of deep pit Public latrines in BAPAUME was increased from 37 to 54 during the month, & this town is now amply provided with latrine accommodation, & all troops billeted in the town use Public latrines only.

In the various villages in the area, Public latrines have been erected during the month by the sanitary section, & the system is being extended along the main roads & routes used by troops. The labour for sinking the pits & erecting the shelters is obtained from the Division occupying the area, the working parties carrying out the work under the personal supervision of the

Sanitary section men who are placed in charge of the working parties.

The following Public Latrines have been created during the month.

	<u>Public Latrines</u>	<u>Seats.</u>
BAPAUME	17	71
FAUREVIL	12	54
HUN DUMP	3	15
BEUGNATRE	9	38
VAULX	39	156
BIEFVILLERS	3	18
GRÉVILLERS	3	14
LIGNY THILLOY.	5	20
<u>Total Public Latrines created during month.</u>	<u>91</u>	<u>Seats. 386.</u>

Urinals have been provided with all these latrines.

The latrine accommodation has been much improved in the front line area, where deep pit latrines have been introduced wherever possible, in scrubland roads etc, to replace the old shallow trench system, & the more or less unsatisfactory pan system. The latrine boxes are made of old wood from wrecked houses, & no shelters are erected, so that the latrines are not at all conspicuous.

Practically no open pit latrines or temporary latrines exist in the sanitary area. All have been standardized. More public latrines are being put down in the neighbourhood of staging camps, & along main roads & troop routes, because of tracks & sidings for the convenience of marching troops & working parties.

In the camps themselves units provide their own fly proof deep pit latrines & urinals. Where difficulty in obtaining the necessary box seat latrines, or material to make them

excits, the units are encouraged to send any men with a knowledge of carpentering to the sanitary section Hqs workshop, where they can build for themselves the box seats required by their unit.

REFUSE DISPOSAL

In the area back of VAULX - VRAUCOURT, refuse is disposed of by incineration.
In the area forward of VAULX. It is buried in shellholes etc.

In the villages, which were in an extremely filthy state, working parties are employed day by day, collecting the large accumulations of old standing refuse, & bedding or bedding in shell holes, old open latrines, gunnery latrines, & trenches, pits & shellholes found by troops and filled in by these parties. A large amount of work has been done in this way by working parties provided by the 20th Division & the Division in Corps reserve. Many hundreds of loads of filthy refuse were removed from Bapaume alone. Public incinerators have been built in the villages by the sanitary section for the disposal of refuse from units billeted in these villages. The work in villages is carried out in conjunction with the Town Wagon. In Camps, units build & maintain their own incinerators.

In the Villages the Public incinerators are attended by men obtained from the Town Wagon, & units are responsible for carting their refuse to the incineration.

9 HORSE REFUSE

Manure is being packed & blended with earth by units possessing large numbers of horses but it is difficult to get units to carry out this method intelligently. With units possessing only a few horses, the manure is usually buried in trenches & shellholes

11.

or is incinerated. The Pit incinerator, a sketch of which is attached, works very satisfactorily in the incineration of manure.

Large accumulations of horse manure existed in this area at the time it was taken over, & units had not only to dispose of the manure produced from day to day, but also had to deal with these deposits which had accumulated at the time when the fighting was very heavy & weather conditions very severe.

10.

Anti louse & scabies measures are carried out by Disinfectants

11.

Destruction of Rats. No special measures taken. Rats are not prevalent.

12.

Instruction in Sanitation. In given to working parties & to men employed on water points & wells

13.

Infectious diseases.

A. There are no civil inhabitants in this area.

B. Methods of Control. Instructions are issued

in individual cases of infectious disease,

regarding isolation of patients & contacts where

necessary, & any special measures necessary

such as naso-pharyngeal douching in C.S.M.

Disinfection is carried out as far as possible

under the various conditions in which a

patient is situated when he contracts the disease.

14.

General remarks.

Flies. Have not become very prevalent. Anti fly measures are being taken.

1. In controlling horse manure disposal.

2. In protecting food & food waste from access to flies

3. In early incineration of refuse

4. In instituting leaf pet fly pads of latrines & bins

5. Fly traps (only small numbers yet available)

6. Oil spraying. Very effective.

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HORSE
REFUSE.

is now supplied by Divisions in a very satisfactory way; the working parties being handed over to the Sanitary Section to be used as required. The daily parties throughout the area numbered 73.

Material.

Is partly obtained from R.E. workshops but mostly from wrecked dwellings, the wood, iron & bricks of which are good enough for sanitary work.

Particular features of the area.

The area dealt with in this report was largely taken over by this Sanitary Section at the end of May, the area formerly worked by my Section being handed over to the 5th Australian Sanitary Section.

There are no features of special difficulty since the co-operation of Divisions in providing working parties, & men for water duties, enables sanitary work & water supply control to be effectively dealt with.

The Units of Divisions occupying the area have carried out their duties as regards sanitation very satisfactorily & the Divisional Staffs have given me every assistance.

H. H. Jones Capt.

O. C. 2nd Australian Sanitary Section.



2nd San. Section

Office Copy
H. H. Jones

FORWARD AREA.

5th ARMY

JUNE 1917

Synopsis of work carried out by or under supervision of 2nd Australian Sanitary Section during June 1917

Situation	Latrines (standard) erected or renewed	Seats	Latrines in course of construction	Urinals erected	Urinals in course of construction	Incinerators erected	Incinerators in course of construction	Refuse pits dug	Ablution benches erected	Ablution benches in course of construction	Grease traps	Soak pits	Bellies inspected	Baths opened	Latrines erected	Water carts inspected
BAPAUME.	11 public latrines	62	3	18	4	2	-	4	6	2	10	6	-	2	Public latrines	
CENTRAL AREA. FAVREUIL AREA.	131 erected or renewed	451	5	135	-	58	-	109	83	27	181	193			Public latrines	
LIGNY. Thillois & ALBERT-BAPAUME RA	30	120	11	31	-	14	-	1	14	4	18	7		2	Public latrines	
GREVILLERS Area	9	41	-	11	-	5	-	7	6	-	12	9		3	Public latrines	
BIEFVILLERS AVEGNES Area	21	97	1	29	-	12	-	18	11	1	21	18		2	Public latrines	
BEUGNATRE Area	41	120	3	37	3	14	-	11	8	-	14	8		-	Public latrines	
VAULX - VRAUCOURT & Forward Area	73	213	3	46	3	11	-	29	9	-	16	10		4	Public latrines	
TOTAL for JUNE.	316	1104	26	307	10	116	-	189	191	34	272	251		38		207

25th unit baths - Plunge baths.

207 water carts inspected & treated during the month. See monthly water report attached.

2nd AUSTRALIAN SANITARY SECTION.

Date 11/9/17

APPENDIX

1270

1270