

**AWM4**

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

Medical, Dental & Nursing

**Item number: 26/77/30**

**Title: 2nd Australian Sanitary Section**

September 1918



AWM4-26/77/30



**CONFIDENTIAL.**

ORIGINAL.  
DUPLICATE.  
TRIPLICATE.

Australian Imperial Force.

*Complete*

**WAR DIARY**

OF

*2nd Aust Sanitary Section*

FOR

*September 1918*

Signature of Officer compiling

*W Holmes Capt.*

Signature of Officer Commanding

*W Holmes Capt*



2ND  
AUSTRALIAN  
SANITARY SECTION.  
No. ....  
Date .....

Army Form C. 2118.

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
Bayonvillers.	1.9.18		General work of cleaning up villages, testing water supplies, inspecting camps etc, and installing public sanitary works, was continued. Water supplies were tested in Foucaucourt, Vermandovillers, Herleville and Soyecourt.	
	4.9.18		On 3.9.18. the Sanitary Area was changed (See Sanitary Instructions No 2. Aust Corps d. 2.9.18.) The Sanitary Section was withdrawn from the forward area, and given charge of the Villers Bretonx, Gailly and Morcourt areas. Inspectors were withdrawn from the Aubigny area, and from the forward areas, and detailed to portions of the new Sanitary area. Arrangements were made with Area Commandants of these areas to provide working parties for cleaning up work and for putting in public sanitary works in the villages.	Appendix I. San. Instr- -ctions to No 2.
	5.9.18.		Capt Holmes rejoined the Unit from leave. Capt Bothamley handed over, and rejoined his Unit. Inspected portions of the new area. Flies are very prevalent everywhere. There has been a long spell of very dry weather. The area recovered from the Germans is very insanitary, with heaps of accumulated refuse everywhere. Fly breeding has been facilitated by these conditions.	
	6.9.18.		Compiled the Monthly Sanitary Report. for August. with appendices, maps, and lists of wells tested and labelled during the advance. The chief points are (1) Prevalence of flies. (2) German insanitation. (3) Dirty condition of villages. (4) Greater care necessary in the protection of food supplies. (5) Need for the erection of many more incinerators by Units. The list of wells tested and labelled included 376 wells in the following villages. Aubigny. Fouilloy. Villers Bretonneux. Warfusee Abancourt. LaMotte en Santerre. Bayonvillers. Harbonnieres. Framerville. Rainecourt. Vauvillers. Herleville. Soyecourt. Foucaucourt. and Vermandovillers. The list is attached to this War Diary as part of the Monthly Report. See Appendix No 2. Inspected Harbonnieres and Morcourt. Saw Area Commandant re working parties for cleaning up the villages. He expects to get some Labour Company men tomorrow. The villages are very dirty. Dvr. Dennis went on leave to U.K.	Appendix No 2. Monthly Sanitary Report with Appendices.
	7.9.18.		Cpl Walker evacuated to Hospital with Haemorrhoids. Weather fine, clear and warm. Inspected Morcourt. Area Commandants men have arrived, and are at work under my inspectors, cleaning up the village, and putting in public latrines and incinerators. Similar work is also being carried out in Cerisy and Gailly. The troops are billeted mainly along the Somme valley, but most of the Australian troops have already moved forwards, and only a few remain in these areas. English troops are beginning to come up. Flies are still very prevalent everywhere. Diarrhoea is also prevalent. Dvr Toy rejoined Unit from leave to U.K.	
	8.9.18.		Box Car sent to workshops for repairs. Side car combination also has broken down and is useless at present. Weather. Thunderstorms ( local ) but mostly fine and clear. Inspected Bayonvillers. This village is now fairly clean. Public latrines and incinerators have been put in. Some old German latrines and civilian cesspits still remain to be filled in. There are very few troops in the village at present. It is impossible to get working parties.	

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Army Form C. 2/18.

18

Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
Bayonvillers.	8.9.18.		Received message from Aust Corps D.D.M.S. to be prepared to hand over my area to another San. Section tomorrow, and to move up to the forward area. Recalled my men from outlying parts of the area. All men reported back to Hqs by 8 p.m. Weather stormy and wet with much rain.	///
	9.9.18.		Motor cycle and side car sent to the workshops for repairs. This combination (Douglas) is very seldom out of the workshops. It is always breaking down in spite of the most careful usage, and in my experience is a failure under war conditions. Box car returned from the workshops to day.	
			Received Aust. Corps Sanitary Instructions No 3. dated 8.9.18. This San. Sectn. has been allotted the Corps left forward area, with the river Somme below Peronne as its rear boundary. No 23 San. Sectn will relieve me in this area. Went to Corps Hqs and saw D.D.M.S. re new Area boundaries etc. and arranged for a three ton lorry to be detailed to move Unit stores etc to the new location. Went up to the new area and looked for a suitable place to form Hqs of my unit. Area about Peronne is very crowded. Eventually found a vacant hut in Doingt, and left the S/Sgt. and one man to hang on to it as best he could. Returned to Bayonvillers. Night very stormy and wet. Roads, railway crossings and canal bridges blown up by the Germans have not yet been repaired. Had great difficulty in getting back to Bayonvillers by the St Christ crossing and did not get back to the Unit until after midnight.	///
	10.9.18.		Completed hand over papers for the relieving San. Sectn. Copy attached to this Diary. (Appendix No 3.) Employed the Unit improving the sanitation of Bayonvillers. Went to Peronne and Doingt and Bussu, but could find no better accomodation for my Unit than that obtained yesterday. Will probably build a camp of my own. There is plenty of material to be picked up in the vicinity of these villages for this purpose and for construction of sanitary appliances for the area. The area is in a moderately good sanitary state with the exception of Peronne itself which will take a lot of cleaning up. Weather Strong s.w. winds bringing up squalls of heavy rain. Very cold. This cold stormy weather is killing off the flies, and will do a great deal of good in this way.	///
	11.9.18.		Sent 9 men of the Unit to join the S/Sgt at Doingt. The O.C. No 23 San. Sectn is very slow in coming to take over the area. Obtained two of the new pattern Water testing and sterilising cases from Adv. Depot. Med. Stores. These are just as efficient and less than half the weight of the old pattern. Weather cold, wet and stormy.	///
	12.9.18.		Handed over Area to O.C. No 23 San. Sectn. with papers, and stores including corrugated iron, timber, cresol, chloride of lime. paint etc. Moved with the remainder of my Unit to Doingt, and established Hqs at Sht 62c. I 36 a. I.2. at 3 p.m. Notified location to D.D.M.S. Inspected water supplies at Doingt. Main supply for all this area at present is from three water sterilising lorries working on the Cologne brook. There is an ample flow of water, and after passing through the sterilising lorry, it is a perfectly safe supply. About 160 carts per day draw from this source. There are very few wells. Sent out San. Inspectors and Water supervisors to get all available information about water supply.	///

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices	
DOIGNT.	13.9.	18.	Reported to 1st Aust Division at Halle. My Area, under Aust. Corps Sanitary Instructions No 4. (which cancelled San. Instructions No 3.) includes the Peronne area, and the town of Peronne as well as the 1st Aust. Divisional Area, being the Corps Left forward area.	Appendix No 4.	
			Reported personally to D.D.M.S. Aust Corps, and obtained exact boundaries of my new area. Reported on Water supply and sanitation generally in the new area.	(San. Instr No 4.)	
			Obtained a marquee from 3rd M.A.C. to assist in forming a camp for the Unit. Picked a spot near Bussu. Sht 62c. J.I3. b. I.3. Began to construct a camp with material from the destroyed village. Water supervisors and Sanitary Inspectors are out in the new area on their duties. The area is not too clean. Water supply needs developing. There are many horselines in the area. Manure is mainly being packed in the horse lines between walls of old iron to protect horses in the lines from bombs. Weather is very wet, stormy and cold. Flies have almost disappeared.		
	14.	9.	18.	Inspected camp of British West Indians at near Mt St Quentin in reference to an outbreak of mumps. Advised precautions (see Report furnished to D.D.M.S. Correspd. Book. No 25. d 15.9.18) Reported personally to D.D.M.S. re area sanitation.	
	15.9.	18.	Shifted my Hqs to Bussu J.I3.b.I.3. and Notified D.D.M.S. Subdivided the Sanitary Area into subareas under Sanitary Inspectors and Water supervisors. See M 18. 503 of 14/9/18. Correspd Book No 25.) One Forward area, one Centre area, and Two Rear areas. See Maps attached to Monthly Sanitary Report. Sent to No 23 San. Sectn a list of all wells in the area handed over to him by me. with full particulars of water supply etc.		
BUSSU.	16.9.	18.	Pte Barrett. H.S. rejoined from leave to U.K. (13.9.18) Weather Overcast. Strong wind. Cold. for the past few days, has now turned fine and warm. Ground surface has dried up completely.		
			Reported to D.D.M.S. on the old Bore at J.I3 a.8.2. and recommended reopening this supply of water. Reported to A.D.M.S. 1st Aust Divn. re sanitation of the area, and in particular water supply. Arranged with him a scheme for dealing with the water question in the forthcoming offensive operations. I will place a trained water supervisor at the A.D.S. All samples of water from wells etc in the captured territory will be sent direct by the Engineers to the A.D.S. and will be at once tested there by my water detail. A Report will be made out and forwarded to the A.D.M.S at regular stated intervals (three times a day) with all particulars Map Location of the supply, and recommendation as to fitness of the water for use or otherwise. The A.D.M.S. will wire the Division Hqs these results and the information will at once be wired to Bde Hqs in the line who will see that the appropriate labels are at once attached to the wells. Meanwhile my water detail will prepare and send out to the line by the next runner, the labels to be affixed at the wells. These labels will bear map location of well and sample number, as well as information as to potability or otherwise, and degree of chlorination required. The labels will also be dated so that the troops will recognise the label as recently put up.	Appendix No 5. Copy of Report used in connection with water testing scheme.	

A6945 Wt. W11422/M1160 350,000 12/16 D. D. & L. Forms/C./2118/14.

*M. Holmes*



WAR DIARY

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSU.	17.9.18.		<p>Maps of the area run off for use of San Inspectors, shewing sub area boundaries. A list of the former water development of the area (prior to the German advance of March last) was received from Corps, and my inspectors are looking up and reporting on the present position with regard to these sources of supply. It will be possible to reopen many of these. Am also making a survey of water supply in the forward area. Water is rather scarce there. Stationed Pte Wardleworth at the A.D.S. Tincourt in connection with the water testing scheme previously explained. He will move with the A.D.S. and will test and report on all samples sent in by the Engineers. Pte Kennedy will assist him so that the work may be continued day and night until the operations opening tomorrow are completed. A.D.S. will billet and ration these men. A map of water supply locations will be kept. Called at D.H.Q. and saw A.A.Q.M.G. about these arrangements.</p> <p>Douglas side car combination broke down again on first trip after return from the workshops. This combination has spent all except 4 days of the past three weeks in the workshops. It is an unqualified failure. Box car also in the workshops with broken spring. These Ford Box Cars have absurdly fragile springs, and on these roads will carry no weight at all. Their own weight is sufficient to break the toy springs with which they are fitted.</p> <p>Weather. Heavy thunderstorms and rain last night. Fine and clear to day. Strong breeze.</p>	
	18.9.18.		<p>Sgt Holmes went to A.D.S. at Tincourt to assist in the water testing scheme. The battle opened this morning and has been completely successful on the Aust. Corps front. All objectives including exploitation line, gained.</p> <p>Pte Jennings evacuated (conjunctivitis) Pte Laidlaw put on to his work. Rations and Ordnance supplies.</p>	<p><i>[Handwritten initials]</i></p>
	19.9.18.		<p>Went to Adv. Depot Med. Stores and obtained fresh supplies of water testing reagents. Saw Area Commandant Peronne re sanitation in the Town. Will arrange details with him tomorrow.</p> <p>Paid Unit and made up Acq Roll (No 42) Inspected Peronne. Saw the Area Commandant and arranged for a Sanitary campaign in the town. Sanitary workshops will be opened up under supervision of one of my carpenters. Public incinerators will be built and a scavenging system instituted all refuse being collected from billets daily by a scavenging party with G.S. wagon or limbers. One Sanitary Inspector will be detailed to inspect all parts of the town and advise improvements. All unnecessary public latrines, which are in a bad state of repair will be filled in including all the very insanitary German latrines. One water supervisor will be detailed to test and report on all water supply. These men of my Unit will be billeted and rationed by the Area Commandant. Picked sites for public incinerators with the Area Commandant. Work will be begun at once.</p> <p>Went to Hervilly (A.D.S.) and Reisel re water supply. My men are doing good work testing water samples sent in as detailed in the scheme set out above. Regular reports are being sent in to A.D.M.S. as agreed.</p>	<p><i>[Handwritten initials]</i></p> <p><i>[Handwritten signature: J. Holmes]</i></p>

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSU.	19.9.18.		Inspected water supply etc in Roisel and Hervilly. Located dead horses and reported to 1st Aust. Divn for action. A deep bore at Hervilly (at present out of action, and engines destroyed) used to supply a wide reticulation scheme in this area. It could be put into operation again, though at considerable trouble and expense. But it is necessary as water is rather scarce, and not too good in these parts.	
			Returned to Bussu via Bernes and Boucly. Picked a site in Boucly for forward Hqs of my Unit, Inspected Brusle and Buire. Horse lines very numerous in this locality. Arranged with Area Co mandant Peronne to supply me with salved timber and iron etc from Peronne for constructional work in my workshops.	
	20 9.18.		Sent Cpl Brims with three other men to Area Commandat at Peronne, as arranged. Recalled Sgt Holmes, Pte Wardleworth and Pte Kennedy from Hervilly, the water testing work being temporarily finished with the settling down of the line. Any further water samples coming in will be sent back to me here.	
	21.9.18.		Weather mainly fine and clear, with sharp strong S.W. wind and occasional showers. Went to 1st Aust Div. Hqs. reference success of the water supply scheme as carried out in the last operations. They are very pleased with the result and the scheme will be laid down for operations in future. Saw A.D.M.S. re sanitation of the area which is improving. Notified him that Divisional Units could send carpenters to my workshops to make any necessary sanitary appliances in the same way as was done at Hasebrouck. Diarrhoea has much decreased with the decrease in prevalence of flies as a result of the recent cold stormy weather.	
			Went to Tincourt and Boucly on inspection. Sanitation of Tincourt railhead is being attended to. Issued Unit Orders. No 15. re Reporting by San. Inspectors. See Copy of Orders attached. Work in Peronne is going well. Plenty of labour is available from the Area Commandant. San. Sectn workshops in Peronne is going well.	Appendix No 6. Unit Orders No 15.
	22.9.18.		Weather fine with strong S.W. winds and occasional rain. Recalled Pte Kennedy from forward area, to go on Australia leave. Sent to Aust War Records Sectn a summary of the history of this Unit from the time of formation up till April 1916, when records are continued in the War diaries etc. ( See Appendix No 7. attached to this Diary)	Appendix.7. History of Unit.
			Dvr. Dennis R. rejoined from leave to U.K. Weather was fine with cold wind this morning. Overcast and wet this evening.	

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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSU.	23.9.18.		No II5I. Pte Kennedy went on leave to Australia. No II4I3. Dvr Toy.P. reported back to Ist Aust.M.T.Coy for duty. Dvr Houston reported to replace him and was taken on the strength of this Unit as attached from Ist Aust M.T.Coy.	
			A.F.B I22. Pte BUDGEN.F. sent to Officer i/c Records. Aust Sectn. 3rd Echelon G.H.Q. This man was evacuated to Hospital on 5/7/18.	
			Sent to Aust War Records papers dealing with Ist Aust. Divn arrangements for the campaign against flies Summer of I9I8. and details of classes of instruction in sanitation carried on by this San. Sectn. at Hasebrouck in July last.	
			Received Medical Instructions No 57. Aust. Corps, re relief of Ist Aust Divn by 30th American Division, about to take place. Two N.C.Os of the American Divisional San. Sectn. reported this evening to get details of sanitation and water supply in the area. Gave them all particulars and arranged for four of their men to be billeted and rationed with my Unit for a time in order to pick up points in construction of sanitary appliances, and general sanitary procedure etc.	
			Inspected BUSSU village and found it very dirty and insanitary. Saw Unit Officers and gave recommendations for remedying insanitation. Public latrines and incinerators are required, and will be installed by the sub-area Commandant. A large amount of cleaning up work is Required.	
	24.9.18.		Four men of the 30th American Sanitary squad reported for instruction in constructional work and will remain with this Unit until further orders.	
			Called and saw the Division Surgeon 30th American Divn. re co-operation between the Divnl. San. squad and this San.Sectn.	
			Received Aust. Corps Sanitary Instructions No 6. d. 23.9.18. ref. alteration in Sanitary Area. The forward Hqs of this Unit at BOUCLY will be made the main Hqs. Two N.C.Os and six men are stationed there already.	APPENDIX No 8.
			Inoculated myself and six men of Unit with mixed Ty and Para. vaccine. to bring percentage inoculated within the past 12 months up to 100%. Notified D.D.M.S. accordingly.	
			Arranged for public sanitary work in BUSSU with the sub area Commandant. Working party will be obtained. Inspected Peronne. Work going well forward. Reported to D.D.M.S. on the water supply of Peronne which requires developing, and made recommendations (See M.18/525 Comrespd Book 25.)	
			Reported personally to D.D.M.S. re arrangements with American Divn. re sanitation. Weather fine, bright sunshine.	
	25.9.18.		Two men of 5th Aust. San. Sectn reported and were taken on strength of my Unit as per D.D.M.S. instructions, to make up deficiencies in strength. No I458. Pte Grey. G.	
			Sent these men to Hqs of Unit at BOUCLY. No 349I. Pte Clarke. W.	
			Water survey of Peronne made.	
			Saw the Divnl. Sanitary Inspector of 30th American Divn. Went into the question of testing of water supply during an advance, and explained the method followed in the last advance by the Ist Aust. Divn.	



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Place	Date	Hour	Summary of Events and Information	Remarks and references to Appendices
BUSSU.	26.9.18.		Called in Sanitary Inspectors Monthly Reports, and reports on railheads and waterpoints. Working party for BUSSU duly reported and will continue at work until village is cleaned up and public sanitary appliances erected. Reported fully to D.D.M.S. on the question of water supply in Peronne which is not satisfactory. Gave details of four suitable sources of supply which could be easily developed. ( See M 18./526 d. 26.9.18. Correspd. book No 25.) General sanitation of Peronne is improving rapidly. Four large public incinerators have been built. Numerous public latrines. Many old latrines and cesspits filled in; and a scavenging system introduced for dealing with daily refuse. Weather overcast, heavy clouds, no rain.	
	27.9.18.		Inspection of Tincourt and Boucly area. Here there is an enormous concentration of troops of all kinds, billeted in the open, and under hedges and trees, and in old trench system, preparatory to the main attack on the Hindenburg line. Sanitation is difficult as the troops are inextricably intermingled, and are in constant movement so that no check on Units can be made. Shallow open trench latrine system has to be adopted until the concentration is relieved.	
	28.9.18.		Routine sanitary work. Reference water supply, the Aust Corps is using mobile air compressor plants mounted on motor lorries. These plants are hitch ed on to the various bores, and enough water for the day is forced up, and the plant moves on to another bore. This saves erecting a plant at each bore, and in addition these plants are available to develop the supply of water in captured territory at short notice. The plan is a very good one, and the water supply up forward is very well developed in spite of the continuous advance of the troops. Weather wet and stormy. Main attack on the Hindenburg line this morning. Said to be going well.	
BOUCLY.	29.9.18.		Recalled my N.C.O's and men from the Peronne, Doint, Halle and Mt St Quentin areas. Saw O.C. 3rd Aust. San. Sectn. and handed over this area to him ( San. Instrs No 6. Aust Corps d.23/9/18. Prepared Monthly Sanitary Report, sanitary maps, and appendices ( five copies). The report deals with the various changes of area during the month, and especially with question of watersupply and sanitation under conditions of rapid movement. My camp at Boucly was shellrd this morning, and the orderly room and cookhouse were badly knocked about and will have to be rebuilt. No casualties among my men. Weather, bright this morning, has turned wet and cold.	Appendix No 2. Monthly Sanitary report.
	30.9.18.		Went to Le Mesnil and handed over to 3rd Aust San. Sectn. all papers relating to the area passed on to him (Peronne Area) These papers included 1. List of all sanitary works existing in the area handed over. 2. Sanitary maps shewing location of all sanitary works. 3. List of all Wells and other sources of water supply, with particulars. 4. Copies of reports on water points. 5. Copies of reports on railheads. Explained all matters relating to the area, an inspection of which will be made with Capt. Brown tomorrow. Went to Aust Corps Hqs and saw D.D.M.S. re monthly report and questions raised in it. Arranged for working party for public sanitary work in Tincourt and Boucly which are very dirty.	Appendix No 9.

*20/10/18*

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## WAR DIARY APPENDIX

OF

2<sup>nd</sup> Aust. Sanitary Section

FOR

September 1918.

## LIST OF APPENDICES.

- | No.  | Subject.  |
|------|---|
| ✓ 1. | Aust. Corps. Sanitary instructions no 2.  |
| ✓ 2. | Monthly Sanitary Report for September with appendices   |
| ✓ 3. | Handover papers <sup>with map</sup> A. Saily - Morecourt area. to no 23 San. Section.   |
| ✓ 4. | Aust. Corps San. Instructions. no {3 <sup>rd</sup> / 4 <sup>th</sup> }  |
| ✓ 5. | Copy of Report form used in connection with water testing in captured territory. (9 <sup>th</sup> Aust. Div <sup>n</sup> adm. instructions issued with Battle instructions Series 'D' no 9 15/9/18) |
| ✓ 6. | Unit orders (2 <sup>nd</sup> San. Sectn). no 15.  |
| ✓ 7. | History of Unit (2 <sup>nd</sup> Aust. San. Sectn) from formation up to April 1918.   |
| ✓ 8. | San. Instruction no {5 <sup>th</sup> / 6 <sup>th</sup> } (Aust. Corps)  |
| ✓ 9. | Handover papers (Personne Area) to 3 <sup>rd</sup> Aust. Sanitary Section.  |
| 10.  | Map. Sheet 62 C. showing areas of 2 <sup>nd</sup> Aust. San. Sectn, & subdivision into inspection sub. areas.   |

2 <sup>ND</sup> AUSTRALIAN SANITARY SECTION.	
No. ....	
Date 30.9.18.	

J. Holmes Capt -  
OC 2<sup>nd</sup> Aust. San. Sectn



A U S T R A L I A N      C O R P S

FIRST AMENDMENT TO SANITARY INSTRUCTIONS No. 2.

- 1.            Para 1, sub-para i add after CAPPY, - "and forward".
- 2.            Para 1, sub-paras i, iii, and iv, delete "Corps".

*G. W. Barber*

Headquarters,  
September 2nd 1918.

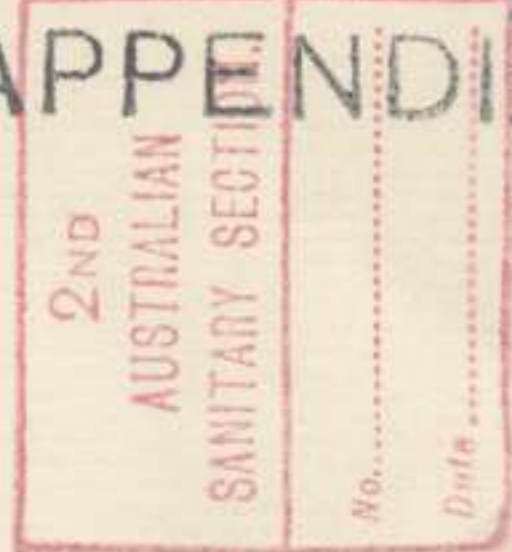
COLONEL,  
D.D.M.S., Australian Corps.

Distribution:- All recipients of Sanitary Instructions No. 2.

APPENDIX

19





A U S T R A L I A N C O R P S

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Sanitary Instructions No.2

In accordance with Australian Corps Administrative Instruction No. 14 for Operations. -

1. Sanitary Sections are allotted areas as follows, as from 3rd September 1918. -
- i. 1st Aust.San.Sect. - Proyart, Cappy, Corps area South of Somme and north of grid line running M.12 and M.13.
  - ii. 2nd Aust.San.Sect. - Villers-Bretteux, Morcourt and Gailly areas.
  - iii. 3rd Aust.San.Sect. - Bray area and Forward Corps area north of R.Somme.
  - iv. 4th Aust.San.Sect. - Framerville area, and forward Corps area south of grid line running M.12 and M.18.
  - v. 5th Aust.San.Sect. - Daours, Corbie, Aubigny and Hamel areas.
2. 3rd and 4th Australian Sanitary Sections will -
- i. be relieved in their respective areas on 3-9-18.
  - ii. on relief proceed to take over areas outlined in para 1.
3. Areas will be handed and taken over by mutual arrangement between C.Os concerned. Completion and location of headquarters will be notified to this office
4. Sanitary Sections acknowledge.

Headquarters  
2nd Sept.1918

*G. H. G. G. G.*  
COLONEL  
D.D.M.S. Australian Corps.

Distribution :-

Os.C. Sanitary Sections,  
A.Ds.M.S. Divisions  
"AQ" Aust.Corps  
D.M.S. Fourth Army  
Area Commandants  
War Diary.



2<sup>nd</sup> Aust. San. Section

Monthly  
Sanitary  
Report

War Diary  
Appendix.

2 <sup>ND</sup>
AUSTRALIAN
SANITARY SECTION.
No. ....
Date Sept 1918.



Area. AUSTRALIAN CORPS.

appendix APPENDIX 2

Report furnished to D.D.M.S. Australian Corps.

4th ARMY.

2ND  
AUSTRALIAN  
SANITARY SECTION.

2nd AUSTRALIAN SANITARY SECTION.

No. 30. 9. 18.

Date .....

AREA. Area. The area under charge of this sanitary section has changed several times with the advance of the Army during the month.

I. The Villers Bretonneux, Gailly and Morcourt areas came under supervision of this sanitary section on 3/9/18. ( Aust Corps San. Instrs. No. 2. d. 2/9/18. )

2. Under a subsequent rearrangement ( Aust Corps San. Instrs. Nos 3. & 4. d. 9/9/18. ) the above area was handed over to No 23 Sanitary Section with all sanitary stores on hand. A copy of the hand over statement, including lists of all wells and other sources of water supply, and of sanitary appliances existing in the area, is attached to this report. The 2nd Aust. Sanitary Section then moved up to take charge of the Peronne and Left Divisional forward area. Hqs were formed at Bussu. Area boundaries, and partition into Sanitary subareas are shewn in the Sanitary maps at the end of this report.

3. By a further rearrangement of Sanitary sections ( Aust. Corps San. Instructions No 6. d 23/9/18. ) this San. Sectn. handed over Peronne area to 3rd Aust. San. Sectn. at the end of the month, and continued its work in the Tincourt and "A" Divisional Area.

The 30th American Division which took over from 1st Aust. Divn. in the "A" Divisional Area on 24/9/18., brought in with it its own Sanitary squad. Arrangements were made with the Division Surgeon of the Division for co-operation between the San. squad of the American Division, and this Sanitary Section.

#### PERONNE AREA? and "A" Divisional Area.

I.

BILLETS. In the Peronne Area, billeting is mostly in the remains of houses and old hutments, and to a less extent under canvas. Accomodation is fairly good and adequate.

Further forward, the accomodation during the present concentration, is utterly inadequate, and the troops are largely under trench shelters, and rough shelters of various kinds constructed with any material at hand. Many of them are sheltering under trees and hedges, and in trenches, both to be concealed from observation, and because more suitable shelter is not available. As a result of this it is very difficult indeed to prevent insanitary conditions. Few permanent sanitary appliances exist. Units are freely intermingled, and movement of troops is so rapid and continuous that as yet permanent sanitary appliances cannot be installed. The open trench system of latrines has to be temporarily utilised, and efforts made to have the trenches properly covered.

Refuse is buried in shell holes. Very large numbers of horses have come in with the artillery and transport and there are horselines everywhere. In addition the area, and especially the villages, was left in a very insanitary state by the Germans. Efforts are being made to prevent further pollution of the soil surface, but when the concentration has passed, working parties will be urgently necessary to clean up this staging area.

Public latrines and other public sanitary appliances are being gradually installed.

2.

Water Supply. Water supply in the area is safe and fairly adequate, and is being rapidly improved. At present the strain on it is very great on account of the very large number of men and horses in the area. New sources of supply are being opened up by the Corps, and with the mobile air compressor apparatus, available sources of supply in the captured territory are rapidly put into action.

At Doingt, water sterilising lorries are turning out safe water from the Cologne brook. Elsewhere wells and bores are the main sources of supply. Forward of ROISEL and HERVILLY, the supply is not good at present. Some of the wells, especially at Jeancourt, shew strong evidence of pollution with manure or excreta, and it seems probable that wells may have been deliberately fouled in this way. No evidence of poisoning has



ever been detected. Particulars regarding the water points in the area are given in the attached Monthly Report on Water points. As explained in a special report on the Peronne water supply (27/9/18) a local water point is needed in Peronne where a great increase in the number of troops billeted has occurred.

All sources of water supply throughout the area have been tested and labelled. (see water lists appended to this report) A copy of these lists has been supplied to the Division in the line.

During the last advance, a new scheme for getting water from the captured territory tested and labelled, was tried and had very good results. Previous to the attack, instructions were given by the Division that samples were to be taken from all sources of water supply and sent to the Advanced Dressing station with all particulars, location etc. At the A.D.S. two men of the San. Sectn were temporarily stationed to receive and test these samples. Temporary labels were made out for each well according to the quality of the water, and these labels were sent up to the Engineer Coy in the line by the runner and were at once fixed on the wells. A Report on each sample was also listed on a special form, and the list sent three times a day to the A.D.M.S. who gave the information to Div. Hqs. and Brigade Hqs by wire. The plan worked very well. Wells were labelled without delay, and the Divisional troops and the San. Sectn. both obtained early information about the quality and quantity of the water supply in the area being occupied by the troops. A copy of the form used in connection with this scheme is attached to this Report.

Chlorination. In the case of water carts, chlorination is very regularly carried out. 73 water carts were tested during the month and in all cases the water was found to have been adequately chlorinated.

It is the water drawn from unauthorised sources in petrol tins and dixies etc, which escapes chlorination. Only 25 % of the samples of water taken from such small receptacles at cookhouses etc, was found to have been chlorinated. This is a matter for which the water detail men of each Unit should be held responsible. Fortunately the great bulk of the water for drinking purposes is drawn in the water carts and is properly chlorinated.

3. Food supply is satisfactory and adequate.

FOOD. Owing very largely to the continued movement forward into new areas, Units in the forward area are in most cases unprovided with proper meat safes, and food is not covered. At the beginning of the month when flies were very prevalent, this had serious results, but with the cold stormy weather, flies have practically disappeared, and there is seldom any dust. Diarrhoea in consequence has shewn a very marked decrease, during the past fortnight.

Collapsible safes of hessian spread over wire rings are very easily made and carried.

As always, more care could be taken in dealing with cookhouse refuse. It should be kept in covered receptacles until finally disposed of in refuse pits or incinerator.

4.

Baths. Corps, Division and Unit baths are in operation. Certain matters regarding disposal of drainage are being attended to.

Laundries. Nil in the Area.

6.

Disinfection. Except for general disinfection in the case of a number of very foul billets, no disinfection measures have been carried out.

Disinfection of clothing and blankets etc, when necessary, is carried out by Corps or Division.

7.

Latrines and Urinals. The area as left by the Germans, had a considerable number of latrines about the villages, but these were all in a very dirty condition and in a bad state of repair. There were also innumerable open pit latrines in a very offensive state, and in the villages old civilian cess pits opened up by shell fire. In some places wine casks had been cut in half and used as excreta receptacles, no attempt being made to render them flyproof. At the Peronne barracks for example, there were 13 of these large vats full of excreta.

A great deal of work has been necessary in dealing with these grossly insanitary conditions. More than 200 open pit latrines have been filled in by working parties obtained from Area Commandants, and the cask latrines have also been destroyed by burning or burial.

Where possible, repairs to existing public latrines were effected, and in other cases, new public latrines were installed in the villages by arrangement with the Area commandants who provided working parties to carry out the work under supervision of the Sanitary Section.



Many more public latrines are required.

In the camps in the rear part of the area, latrine accommodation is adequate. Material for constructing latrines etc has been easy to salve and the Units have utilised it.

In the forward part of the area, where there is at present a great concentration of troops, latrine accommodation is absolutely inadequate. There are very few permanent latrines as yet, and, in general, shallow open trenches are being used. Public latrines are being installed in the villages as rapidly as possible, and when proper camps are formed, Units will be made to fit them out with all sanitary appliances. At present all sorts of Units are intermingled. Men and horses are everywhere, and are constantly on the move.

8. Refuse Disposal. There are considerable accumulations of refuse to be disposed of. Public incinerators are being built in the villages, and where possible, a scavenging system introduced. The country is very suitable for the pit type of incinerator, and no Unit need have any difficulty in incinerating its refuse. No material is required in building these incinerators, except two or three lengths of angle iron or other iron bars to act as firebars.

In Peronne, a great deal of cleaning up work has to be done, billets to be cleaned out and refuse accumulations of all kinds destroyed. To get this done as quickly as possible, two Sanitary inspectors, and a brick-layer and carpenter from the San. Sectn. were billeted with the Area Commandant to supervise and instruct working parties. Three brick Public incinerators were built in the town, and one at the railhead. A daily scavenging system has been started and all refuse from all parts of the town, brought to the incinerators. Refuse accumulations are being cleaned up, old latrines and cesspits etc filled in, new public latrines installed and existing ones repaired, and in this way the town is gradually being cleaned up and made fit for occupation.

There have not been many dead horses to be dealt with in this area. Mainly they are buried by units without delay. 26 were buried by parties obtained from Area Commandants.

9. Horse lines. Manure, mixed with earth is being packed behind horselines to give protection from bombs. In many cases it is packed between parallel fences of damaged corrugated iron, and the top covered with earth, and this is a very satisfactory method.

Up forward, during the present activity, very little care is being taken regarding manure. There are horselines everywhere, and the units are

10. constantly moving.

Instruction in Sanitation. Very little has been possible in this respect during the month. Four men from the American Sanitary squad were sent to the San. Sectn. workshops to learn the details of constructional work, and remained working for about a week.

A branch workshops was started in Peronne, and a party of Pioneers worked under the San. Sectn carpenter.

Infectious disease. Diarrhoea has very much decreased during the past fortnight, since the cold weather killed off the flies.

An outbreak of Mumps at the B.W.I. camp near Mt St Quentin, was investigated and all necessary precautions taken.

No other cases of infectious disease came under my notice.

12. Workshops. Workshops were formed at Bussu on 14/9/18. and were mainly employed on the construction of latrine seats for public latrines in villages etc. The following work was turned out from the workshops during the month.

Latrines. (seats)	240.
Incinerators.	8.
Ablution benches.	3.
Grease traps.	1.(model).
Notice boards.	

Water supply	114.
Direction notice boards etc	42.

A branch workshops opened at Peronne was mainly employed in repair work.

Material. Sufficient material was salvaged from wrecked hutments etc.

Labour. Labour for all public sanitary work was obtained without difficulty from area commandants, and supervised by the San. Sectn. In Unit camps etc, the Units themselves supplied the labour necessary for sanitary improvements.



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General. Flies. Flies, which were extremely prevalent in the early part of the month, were killed off by the subsequent cold stormy weather. Diarrhoea at once rapidly decreased. The refuse accumulations found everywhere, and the open German latrines and cesspits etc gave every facility to fly breeding. The main work of the Unit has been directed mainly towards the removal of these grossly insanitary conditions. The chief difficulty at present lies;

1. In the paucity of sanitary appliances of any kind in the forward area at present.
2. In the very large concentration of troops and horses scattered indiscriminately without any fixed accomodation, and in the active movements of these troops which render it practically impossible to get sanitary measures carried out.

This will be remedied as soon as things settle down a bit, but at present sanitary conditions are not very satisfactory in the forward area. No Units in particular can be set down as responsible. Recommendation forms are served wherever there is a reasonable chance of the work being carried out, but consideration has to be given to the circumstances under which the Units are placed.

The Monthly report on railheads is attached.

A summary of work carried out during the month, and of sanitary works existing in the area is attached.

2ND AUSTRALIAN SANITARY SECTION.	
No.	30.9.18.
Date	

*W. Holmes Capt.*

O.C. 2nd Australian Sanitary Section.



Month of September 1918.-  
 Record of Samples of Water tested to check the regularity of Chlorination.

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APPENDIX

Not

Date.	Watercarts.	Dixies	Petroltins	Tanks	Chlorinated	Chlorinated.
11.9.18.	6	--	--	--	6	--
12.9.18.	6.	I	I	--	7	I
13.9.18.	6.	--	--	--	6.	--
14.9.18.	3	2	--	I.	4	2
15.9.18.	4	--	--	--	4	--
16.9.18.	6	3	I	--	6	4
17.9.18.	3	2	I	--	4	2
18.9.18.	8	--	--	--	8.	--
19.9.18.	8	--	--	--	8	--
20.9.18.	5.	--	--	-	5	--
22.9.18.	6.	--	--	--	6	--
23.9.18.	5.	--	--	I-	6	--
24.9.18.	--	4	--	--	-	4
26.9.18.	7	--	--	--	7	--
Totals	73	12	3	2	77	13

All watercarts examined were found to be Chlorinated.

The following Notices were erected by 2nd. Australian Sanitary Section, during September 1918.

Water Points.	No of Notices
Showing Amount of Chlorination necessary	6.
To Waterpoint $\longrightarrow$	4.
At Wells.-	
Drinkable after Chlorination.	
-- Measure B.p. per watercart.	72.
Unfit for Drinking.	5
Unfit for Use.	22
Washing water Only.	3
Cooking Water Only.	2.
Other Notices.-	
Public Latrine.	10
To Latrine $\longrightarrow$	15
Incinerator	7
To Incinerator $\longrightarrow$	6
Manure Dump	2
To Manure Dump. $\longrightarrow$	2
Total For Month.	156.

2ND  
 AUSTRALIAN  
 SANITARY SECTION.

No. ....  
 Date 30.9.18.

During the month 24 samples of water procured from country captured from the enemy were tested for Chemical Poisons and for degree of Chlorination necessary. Reports were issued to Units forwarding samples (Chiefly Engineers), & to ADMS of the Division in the line.



MONTHLY REPORT ON WATER POINTS. SEPTEMBER 1918.

283  
AUSTRALIAN  
SANITARY SECTION.

No. ....  
Date 30.9.18

Map Location	Supply.	No of men employed on Point.	Approx. No of carts per day.	Condition of point.	Provision of cover for tanks	Cleanliness of interior of tanks.	Provision of small tanks for water-bottles.	Sanitary condition of Catchment Area.	New camps or billets in the catchment area.	Remarks.
I.28 A.5.I. PERONNE.	Probably Springs	None	20	Bad.	No tanks	----	None	-----	-----	This supply has been used as a water point in the past but was almost completely destroyed & has not yet been repaired.
I.36 A.4.4. DOINGT.	Sterilization lorries on river Cologne.	3.N.C.O. 6.Ptes.	100	Fairly Good	No tanks	)----	None	A number of camps exist along the course of the river	New camps about Tincourt & Marquaix.	This supply is issued direct to watercarts as a sterilised water.
I.36.A.5.5. DOINGT.	Well with power pump	I.R.E. I.Pte.	80	Clean	Wooden covers provided.	Good.	Two 100 gal. Tanks 6.Taps.	Fairly Good. Camps near by in Village	Missen huts near W.P. are constantly occupied	This W.P. is also used for watering horses.
J.10.A.6.6. Near Driencourt.	Bore at T. Rds.	from 4. to 8.	150.	Good deal of Mud.	Small tanks covered but large tanks require covers	Clean.	Two 150 gal. tanks.	Fairly Good. Wet weather and traffic has cut the approaches up.	None in close proximity.	The approaches to this waterpoint require more metal to prevent cutting up
J24.A.3.8. TINCOURT.	Springs with Pump	3 men	250	Good.	Wooden covers on tanks.	Clean	Two.100 gal. tanks	Fair.Good deal of mud about approaches.	None in close proximity.	This point near Ry, Station is the main supply for surrounding areas.
K.15.C.5.2. Marquaix.	Springs With Pump.	I man	30.	Fair Only.	No tanks.	----	None.	Fair.Bad approach & Springs liable to pollution from backward drainage.	Numerous camps about surrounding country.	The Approaches to this point require attention.
K.16.C.8.0. Roisel.	Bore.	I.R.E. I.man	60 to 80.	Good.	Large tank Covered. Small tanks, not.	Clean	Two 100 gal tanks.	Fairly Good.	None in close proximity.	Small tanks require covers.

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APPENDIX 214



## 2nd AUSTRALIAN SANITARY SECTION

HQs BUSSU. 62° J136 1.3

No. ....  
Date 16.9.18

Regt No	RANK	Name	How Employed
989	S/Sgt.	BELAND G	General coordination work
10528	Sgt.	Holmes. G.S.	Special water duties <sup>Orderly</sup> <sub>100m</sub>
2691	Cpl.	Walker. F.E.	Hospital. (off strength)
1966	Cpl.	KELLETT. W.	San. mops Forward Area
157	L/Cpl.	Brim. A.	San. mops. Peronne area
3451	Pte.	Akerman. G.	Carpenter. Bussu.
5633	"	BARRIT. F.	Camp orderly Bussu.
6237	"	BARRETT. H.S.	San. mops. Halle area
2569	"	<del>BURTON. A.</del>	Hospital. off strength.
8929	"	CURTIS. J. J.	Cook Bussu.
4102.	Div. M.T.	DENNIS. R. H.	On leave. (England)
2349	Pte	DONOVAN. K. J.	San. mops. Dougt Area
2427	"	HARVEY. G.	Bericklager Bussu.
6274	"	HUNT. T.	San. mops. { St. Quentin Foullacourt
8296 4	"	INGLIS. W. W.	San. mops. Bussu Area
1766	"	JENNINGS. J.	Q.M.S. Bussu
1151	"	KENNEDY. F.	Water supervisor Forward Area
1311	"	LADLAW. D.	Workshops Bussu.
1877	Div.	MOWDS. J.	Carpenter. Bussu.
1160	Pte.	NEAL. A. F.	Carpenter. Peronne.
1809	"	POLLARD. J.	Workshops. Bussu.
6577	"	Stiddig. W.	San mops. Bussu - Courcelles
17960	"	Stone. F. L.	Pratman. Post Orderly. Messengers.
11413	Div. M.T.	Toy. P. T.	Sec. Box Con.
2189	Pte	Webb. S.	Water supervisor Central Area
6114	"	Wasson. J. A.	Workshops Bussu.
3344	"	Whelan. J.	San. mops. Forward Area.
14551	"	Wardlaw. R.	Water supervisor Peronne area
3220	"	WILKS. J. F.	{ Workshops Bussu Carpenter.

2ND  
AUSTRALIAN  
SANITARY SECTION.No. 16.9.18.  
DateW.H. Holmes Capt  
oc 2nd Aust San. Sectn



2ND AUSTRALIAN SANITARY SECTION  
REPORT ON RAILHEADS.

2ND AUSTRALIAN SANITARY SECTION.  
No. 24. 9. 1878.  
Date

PERONNE.

NAME OF RAILHEAD *PERONNE* DATE *24. 9. 1878.*

- 1 Date of Inspection.
- 2 Name of Sanitary N.C.O at Railhead.
- 3 Sanitary Squad - number of P.E men employed on Sanitary duties.
- 4 Water Supply -
  - (a) Nature of Supply
  - (b) means of Distribution
  - (c) Quality of water.
- 5 Quarters of Railhead personnel.
- 6 Cook house -
  - (a) Disposal of Stops etc
  - (b) Means of keeping food free of flies and Dust.
  - (c) General Cleanliness
- 7 Latrines -
  - (a) For railhead personnel
  - (b) Public latrine accommodation
- 8 Refuse disposal.
- 9 Any general remarks suggested improvements etc.

24. 9. 18.

Cpl. Fox R.A.M.C.

Two. ( Also 6 german prisoners daily when available.)

Well No I6 near the station. Constant spring with brick coping.

Good quality. Tested I meas. B.P.

House opposite the station. Good.

To be built. Temporary structure at present.

Buried in pit and covered. Greasetrap in course of construction.

Cupboard with hessian screen. Meatsafe in course of construction. Very fair.

One 5 seat pan latrine. (Men)  
One 2 seat. do (Officers)

One I seat Officers  
One two seat  
Two 5 seat. (Men) One 3 seat Chinese

Incinerated. Brick incinerator erected by Sanitary section.

Sanitary staff at the railhead is insufficient. (One corporal and 2 men). The railhead is a very large one.

2ND AUSTRALIAN SANITARY SECTION.  
No. ....  
Date *26. 9. 18*

Signature. *J. Holmes Capt.*



2nd Australian Sanitary Section  
 Report on Railheads

APPENDIX 20

2ND AUSTRALIAN SANITARY SECTION.  
 No. ....  
 Date 26.9.18

Name of Railhead	Date	
	TIN COURT	QUINCONCE.
1 Date of Inspection	25. 9. 18.	23.9.18.
2 Name of Sanitary N.C.O. at Railhead.	L. Cpl Sullivan R.A.M.C.	Pte Rutter R.A.M.M.C.
3 Sanitary Squadron number of P.O. men employed on Sanitary duties.	I N.C.O. and 10. men daily	One Private.
4 Water Supply.	Water point at railhead. Pumped from a spring. Two tanks with standpipes. Quality good. I. meas. B.P.	From Doight by water cart. Also by tank truck on the rail. Also well with windlass at sugar mill.
(a) Nature of Supply.		
(b) Means of distribution.		Quality good I meas. B.P.
(c) Quality of the water.	Good. I meas. B.P.	
5 Quarters of railhead personnel.	Huts and tents. Fair.	Quarters very bad Sheds in bad state of repair and very dirty
6 Cookhouse	Open shed. Clean.	Open to all weathers No roof protection.
(a) Disposal of Staps etc.	Buried in pits daily.	Buried.
(b) Means of keeping food free of flies & dust.	Meat safes and boxes.	Practically none. No meat safes.
(c) General cleanliness	Satisfactory.	Bad.
7 Latrines	One I. seat (Officers) One 4 seat (men)	One I seat (Officers) One 3 seat (Men)
(a) For railhead personnel		
(b) Public latrine accomodation	One 2 seat (Officers) One II seat (Men)	One 5 seat (Men)
8 Refuse disposal.	Buried. No incinerator.	All refuse buried No Incinerator.
9 Any general remarks suggested improvements etc.	A good deal of cleaning up has been done at the railhead, and a number of old German latrines have been filled in.	This railhead require more public latrine accomodation. A large incinerator also is required. There is too much for one man to look after and the sanitary staff should be increased. Better quarters are necessary. Troops are using shell holes in the vicinity as latrines.

2ND AUSTRALIAN SANITARY SECTION.  
 No. ....  
 Date 26.9.18

Signature. *W. Holmes Capt.*



SYNOPSIS OF WORK carried out by and under the Supervision of 2<sup>nd</sup> Aust. Sanitary Section.

2<sup>ND</sup> AUSTRALIAN SANITARY SECTION.  
No. 30.9.18. 1918  
DATE

Area Australian Corps. (Forward) Army 4<sup>th</sup>.

For Month ending 30.9.18. 1918

Situation	Latrines Upr. Roof or Screened	Seats on Latrines	Urinals Erected	Incin- erators	Grease Traps	Ablution Benches	Meat Safes	Soakage Pits	Baths	Manure Thumps	Refuse Pits	Horses Buried or Burned	Billets Inspected	Billets Disinfect- ed.	Notices Erected	Water carts Inspected.
Villers Bretonneux Gailly & Morecourt areas Handed over to the 2 <sup>nd</sup> San 12.9.18. Section (incl 16 Public)	56	155	44	9	8	12	-	26		2	-	3	All billets etc.	8		
Peronne Dougt area. (incl 5 public)	21	94	31	5	24	19	21	89					Routine inspection		156 notices erected during the month.	73 water carts inspected found to be chlorinated.
Halle - Mt St Quentin area	19	51	20	-	4	15	-	18	2	1	-	2		9		
Bussu - Bussle area (2 public)	10	29	14	1	9	6	6	8	-	-	36	5		-	156	73
Tincourt & forward area (3 public)	11	40	10	6	28	9	15	39	-	-	41	16				
Totals.	117	369	119	21	73	61	42	180	2	3	77	26	-	17	156	73.

Signature. J. Holmes Capt.

J. Holmes Capt.

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SYNOPSIS OF WORK EXISTING IN THE AREA UNDER THE SUPERVISION OF 2<sup>ND</sup> Aust. Sanitary Section

Date 30.9.18.1918.

AREA Aust. Corps <sup>Peronne & Forward Area</sup> <sub>Left Division</sub> ARMY 4th.

FOR MONTH ENDING.

Situation	Latrines Dug, Roofed and Screened.	Seats on Latrines	Urinals	Inciner- -ators	Grease Traps	Ablution Benches	Meat Safes	Soakage Pits.	Baths	Manure Dumps	Refuse Pits	Notice Boards Erected	Laundries or other Sanitary Fixtures.
Peronne - - Dougout Area	96 (12 incomplete)	314 45	81	17	23	19	21	112	2	-	57		7 soap traps
Halle - - Mt St Quentin Area	95	247	82	26	21	17	?	38	2 (Camp)	1	67		
Bussle to Bussle Area	116	330	67	6	9	6	6	8	1	1	36		
Tincourt & Forward Area	7 (42 incomplete)	21 154	54	5	25	7	10	8	1	-			
TOTAL	368	1111	284	54	78	49	37	166	6	2	154 +	156	7

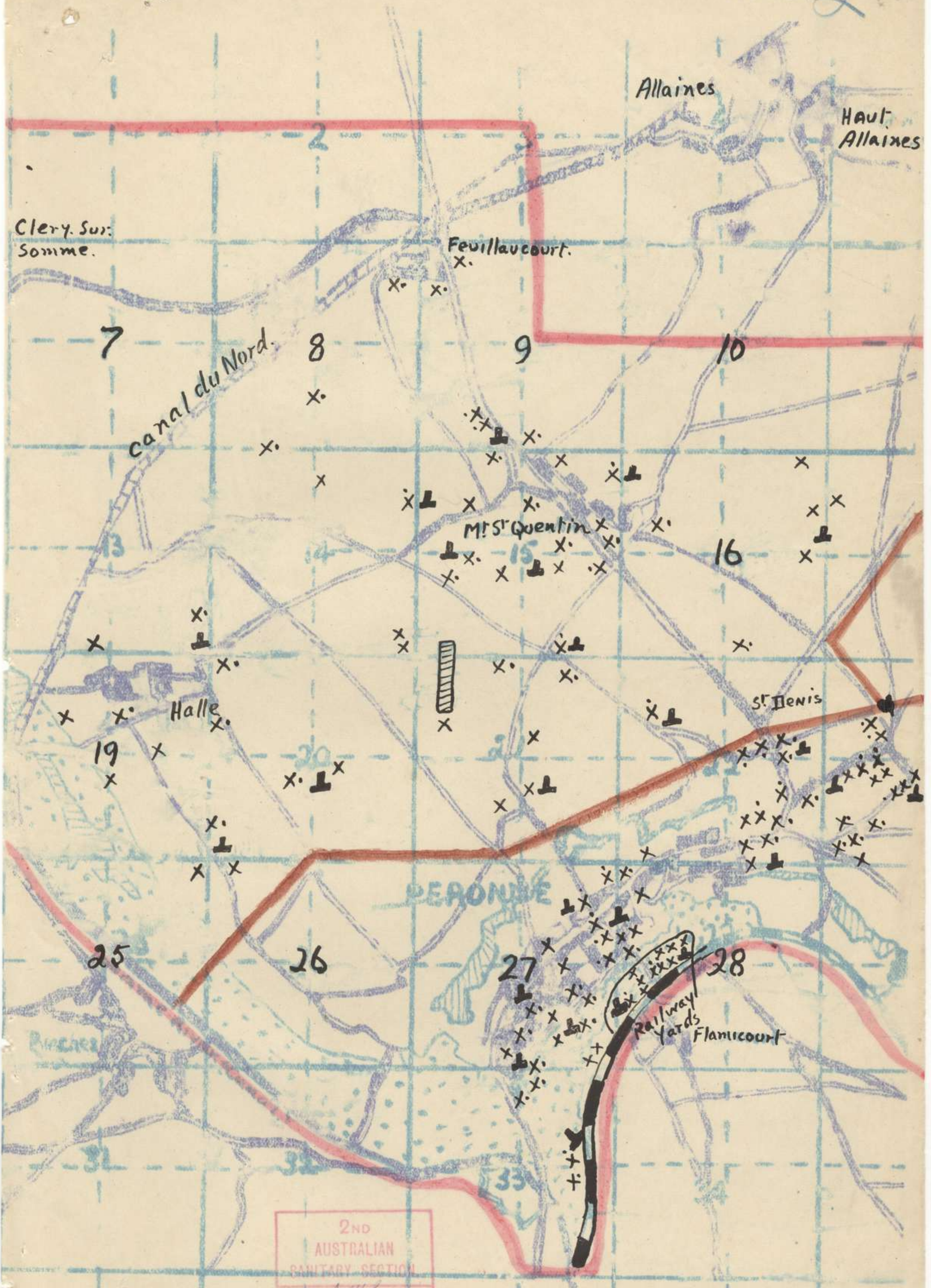
156 notices erected.

Numerous

Signature. W. Holmes Capt.

APPENDIX





2ND  
AUSTRALIAN  
SANITARY SECTION

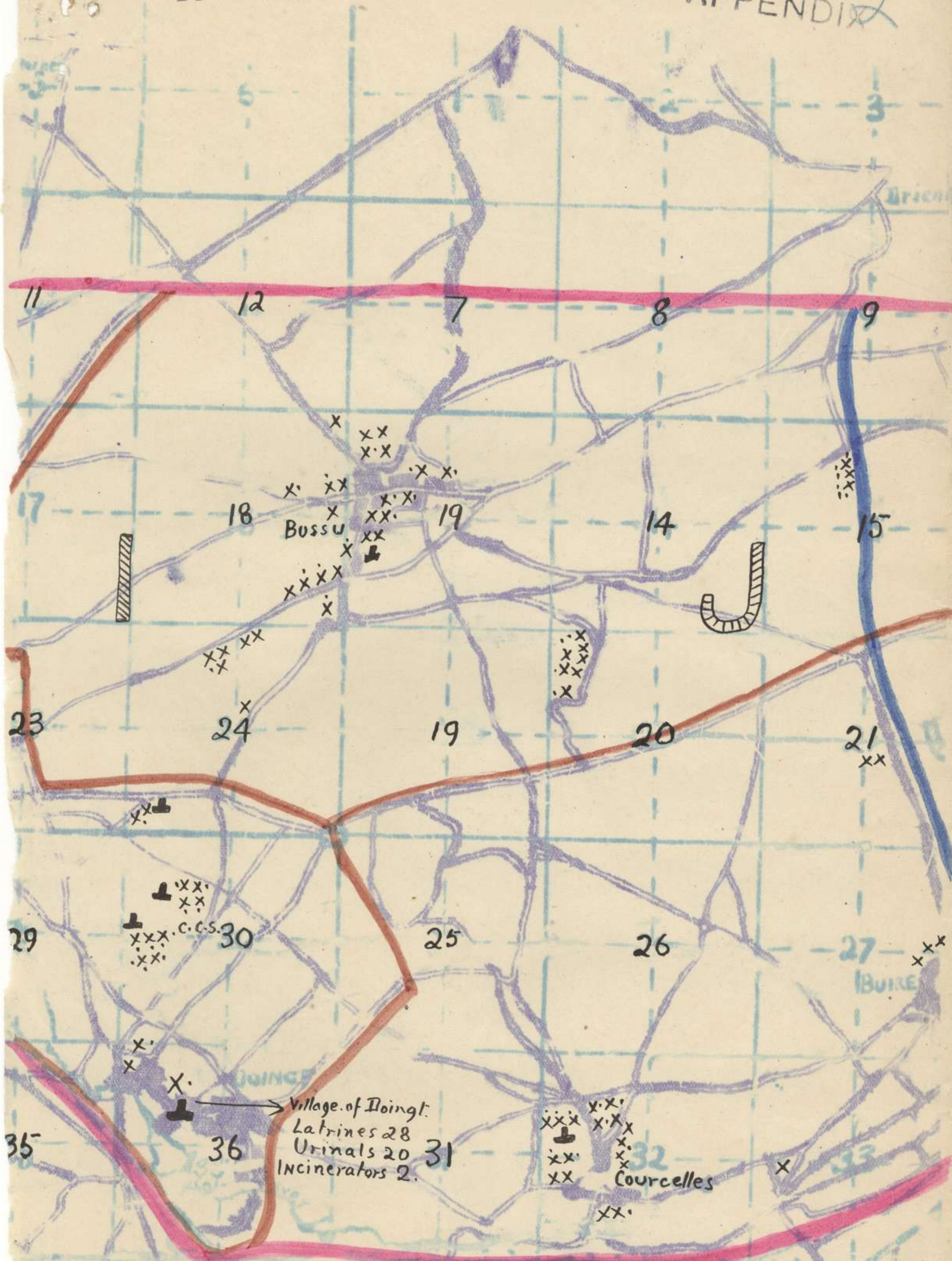
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Date *30.9.18*

x. Latrines.  
 • Urinals.  
 ▣ Incinerators.



APPENDIX 2

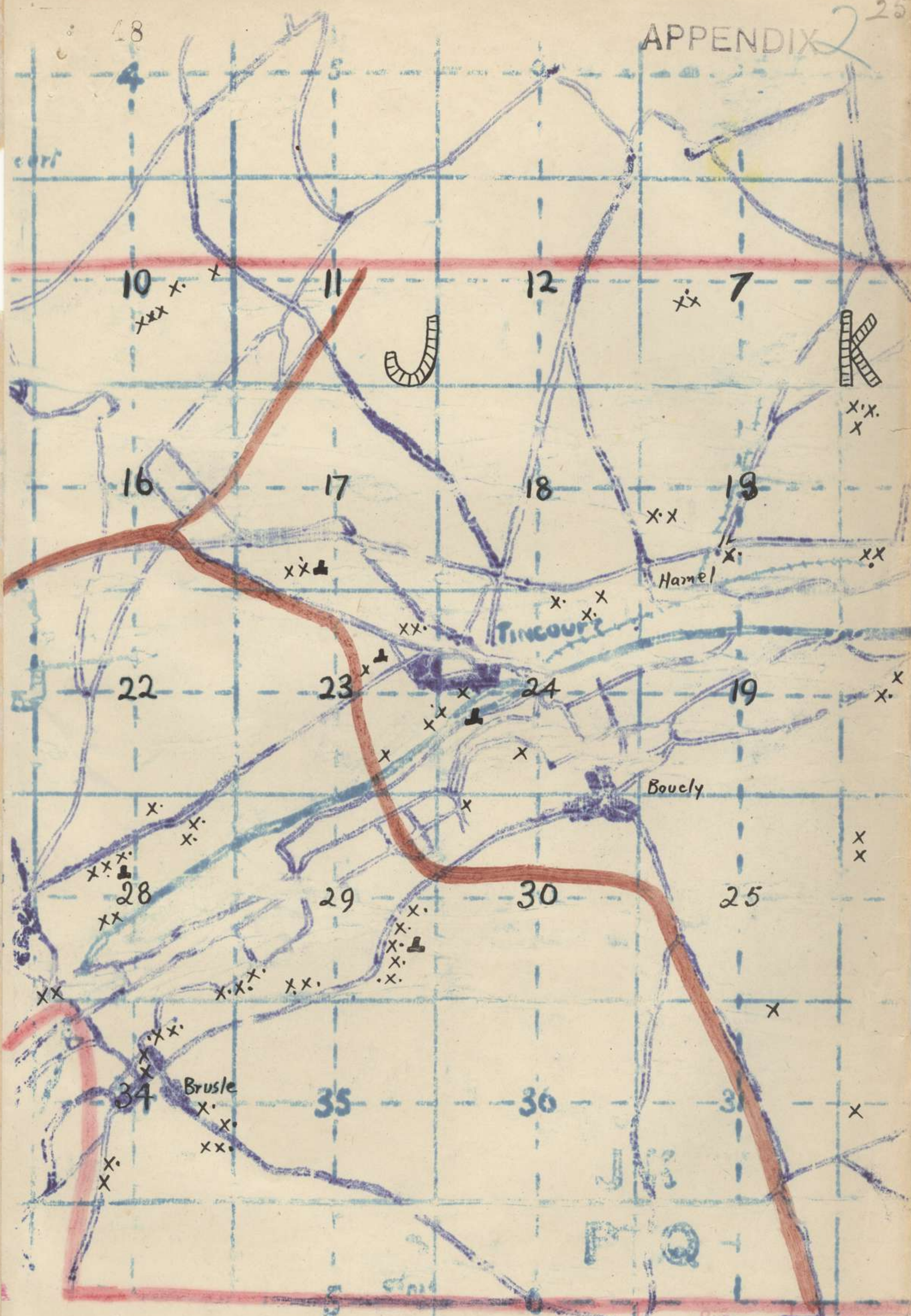


2ND AUSTRALIAN SANITARY SECTION,  
 No. *W. Holmes*  
 Date *30.7.18*

Cologne River.  
 Cambrai Railway

x Latrines  
 • Urinals  
 [Icon] Incinerators





x Latrines  
 . Weirs  
 x Main canals

AUSTRALIAN  
 SANITARY SECTION.  
 No. *W. Johns*  
 Date 30.9.18



			Village of Cerisy.									
Billet No or Map Location.	No of Well.	Depth of Well	DESCRIPTION OF WEEEL	Possible sources of Pollution.		Sediment.	Appearance of Water.	Result of Test.		Remarks. Notices erected.		
No. 83.	--	--	Well in yard with endless chain & bucket. Drain away from well is good.	Not liable to much pollution from surface drainage		Very Little	Clear	B.P. I. Measure		Drinkable after Chlorination or Boiling.		
No II.	--	50.ft.	Well in yard .In good general order. Drain away Good.	Do	Do	Do	Clear.	I.	Do	Do	Do.	48
----	3	--	Pump on well in yard. Drain away Good.	Do	Do	Do	Clear.	I.	Do	Do	Do.	
)))	--	--	Pump on well in yard in good general order.	Do.	Do.	Do.	Clear.	I.	Do.	Do.	Do.	
----	5	--	Pump on well in yard. In Fair order. Drain away requires attention.	Liable to, pollution from surface.		Small Amount.	Clear.	I.	Do.	Do.	Do.	
No. 80.	--	--	Pump on well in Yard. Fair surroundings.	Do	Do	Large Amount.	Dirty & Smells	(--	--	Unfit for Use.		
No. 4.	--	--	Pump in yard. water shows traces of Manure.	Do	Do	Do.	Dark	--	--	Unfit for Use.		
----	--	--	Well, with a large amount of debris in yard. Well.	Do	Do	Do	Dirty.	--	--	Unfit for Use.		
----	--	--	Well, with refuse and tins thrown down into well.	Do	Do	Do	Dirty	--	--	Unfit for Use.		
P. 12. A. I. 8.	--	30ft.	Open well with Windlass and rope. Drain away good.	Liable to small amount of Pollution from surface.		Small Amount.	Chalky.	2. Measures B.P.		Drinkable after Chlorination or Blng		
W.P. at Q. 8. A. 7. 7.	--	Very Deep.	Water point on Cerisy-Hamel Rd. Engine and pump. 2000 gals storage. 2 pipes for carts. II taps for dixies. Two small tanks for Chlorinating Drinking Water.	Not liable to Pollution from surface.		Very Little.	Clear.	I	Do	Drinkable after Chlorination or Boiling.		

			Village of Morecourt.									
Billet No.	No of Well.	Depth	DESCRIPTION OF WEEEL	Possible sources of Pollution.		Sediment.	Appearance of Water.	Result of Test.		Remarks. Notices erected.		
No. 31.	--	--	Pump at well in yard. In good order. Drain away good.	Not liable to much pollution.		Small Amount.	Clear	B.P. I. Measure.		Drinkable after Chlorination or Boiling.		
" No. 30.	--	30ft.	Pump at well. Cover required for top of well. Surroundings fairly Good.	Liable to some pollution until cover of well is repaired.		Small Amount.	Clear.	I.	Do	Do.	Do.	
" No. 45.	--	30ft.	Pump at well in yard. In good Order. Good drain away,	Not liable to much pollution.		Do	Clear.	I.	Do	Do.	Do.	

APPENDIX

2ND AUSTRALIAN SANITARY SECTION

No. Do. 10-9-16

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Billet No-or Map Location.		No of Well.	Depth of Well.	Village of MORCOURT. DESCRIPTION OF WELL.		Possible sources of Pollution.	Sediment.	Appearance of Water.	Result of Test.	Remarks. Notices Erected.
Billet No.19.				Pump at well in yard. In good general order. Drain away from Well-Good	Not liable to much pollution from surface.	Very Little	Clear.	B.P. I.Measure.	Drinkable after Chlorination or Boiling.	
"	No.95.	--	--	Well in yard badly damaged by shell fire.	---	---	---	---	Unfit for Use.	

48

House in village No. Billet No.		)	80.ft.	Village of HAMEL. DESCRIPTION OF WELL.		Possible sources of Pollution.	Sediment.	Appearance of Water.	Result of Test.	Remarks. Notices Erected.
Do	Do	--	50 "	Well in yard. Windlass and Rope wanted. Drainage Good. Well in yard. Pump requires repairs. Drain away Good.	Not liable to much Pollution. Do	Small Amount. Do	Chalky. Clear.	B.P. I.Measure I. Do	Drinkable after Chlorination or Boiling. Do Do.	
Do	Do	--	--	Well in yard. Contains refuse	Polluted from surface	Large Amount	Dirty & Smells.	-----	Unfit for Use.	
Do	Do	--	--	Well. Contains rubbish and debris	Do. Do.	Do	Discolored	-----	Unfit for Use.	
Do	Do.	--	--	Well. Badly damaged by Shell Fire.	LIABLE to pollu- tion from surface	Brick Dust	Muddy.	-----	Unfit for Use.	
Well on roadside	--	--	--	Open well at side of road. Surroundings Bad	Do Do.	Large Amount.	Discolored.	-----	Unfit for Use.	
House in Village.	--	--	--	Well in yard. Surroundings & drainage Bad.	Do Do	Do	Dirty.	-----	Unfit For Use.	

Troops in the vicinity of the above Villages secure a portion of their water supply direct from the River Somme and strict supervision is necessary to ensure that Chlorination of this water is carried out. Chemical analysis of this river water shows it to be fairly Good but Bacteriological analysis shows fairly high Pollution.

APPENDIX 227

2ND  
AUSTRALIAN  
SANITARY SECTION  
Date 10.9.18  
Homes Capt



2ND AUSTRALIAN SANITARY SECTION.  
Date .....

AREA. Area handed over. Villers Bretonneux; Gailly; and Morcourt Areas

Australian Corps.

This area as evacuated by the Germans was in a very dirty state. The work carried out up to date has been mainly.

1. Cleaning up filthy billets
2. Filling in cesspits, and old German latrines of the open pit type which were very numerous.
3. Removal and burial or incineration of accumulations of refuse.
4. Burial of dead horses.
5. Erection of public latrines and incinerators in villages etc.
6. Testing and labelling all sources of water supply.

Labour for all this work was obtained partly from area command-ants, and partly from the Division and Units in the area.

Much work is still necessary in cleaning up villages, fouled trenches, machine gun positions and gunpits where accumulations of filth are leading to fly breeding.

No dead horses remain in the area.

All wells and other sources of water supply have been tested and labelled. Particulars of all wells etc is attached.

The area is not yet properly equipped with sanitary appliances.

A statement of all sanitary appliances erected in the area, is shewn below.

Area.	Latrines.				Urinals	Incinerators		Grease traps	Abln. benches	soap trap	Public manure dumps
	Public		Camp			Public	Camp.				
	No.	Seats	No	Seats							
Villers Bretonneux.	9	44	56	79	44	3	2	5	-	-	3
Warfusee Abancourt	3	12	11	33	14	1	2	4	-	-	-
Gailly Area.	6	24	31	81	38	-	11	19	8	6	1
Morcourt Area.	3	12	41	98	23	3	3	-	-	-	-
Cerisy Area	4	16	10	21	24	1.	-	-	-	-	1
Bayonvillers	6	24	14	38	27	2					
TOTAL	31	132	163	350	170	10	18	28	8	6	4

2ND AUSTRALIAN SANITARY SECTION.  
12/9/18.  
Date .....

*H. Holmes Capt.*

O.C. 2nd Aust. Sanitary Section.



Billet No. or Map Location.	No of Well	Depth of Well	DESCRIPTION OF WELL	Possible sources of Pollution.	Sediment	Appearance of Water.	Result of Test	Remarks. Notices Erected.
PERONNE. I.22.D.7.4.	Old German	--	Well or Bore with rotary hand pump and overhead storage. Would make a good waterpoint if opened up.	Very Little as well is Closed in	----	No sample available	----	This point could very easily be made into a good supply,
Billet No.74 Rue. Australia	----	--	Well, covered in. Pump in good order. Drainage Good.	Do. Do.	Very Little.	Clear.	B.P. I. Measure	Drinkable after Chlorination.
Billet No 62. Rue Australia.	----	50ft.	Well. Covered in. Pump in good working order. Drainage Fair.	Do. Do.	Very Little.	Clear.	B.P. I. Measure.	Drinkable after Chlorination.
Billet No.22. Rue Australia,	----	----	Well with pump in good working order. Surroundings Fair.	Do. Do.	Very Little.	Clear.	I. Measure B.P.	Drinkable after Chlorination.
Billet No.44. Rue de Kanga.	----	----	Well with pump in good working order. Drainage Fair.	Do. Do.	Very Little	Clear.	I. Measure. B.P.	Drinkable after Chlorination.
Billet No.6. Rue Delta.	----	50ft.	Well with windlass and rope. Good order. Drainage Good.	Do. Do.	Very Little	Clear.	I. Measure B.P.	Drinkable after Chlorination.
Mopoke Street I.27.D.3.4.	9. old.No.	----	Well with pump in good working order. Drainage good.	Do. Do.	Very Little	Clear.	I. Measure B.P.	Drinkable after Chlorination.
Billet No 30. York Road.	----	30ft.	Well. No pump or windlass. About 4 feet water in well.	Liabile to pollution from surface.	Debris in well	Fairly Clear.	2. Measures B.P.	Unfit for Use Washing water Only.
Opp. Billet No. I. York Road.	----	30ft.	Do. Do.	Do Do.	Do	Do	2. Do.	Do Do.
Old W.P. I.28.A.6.3.	----	----	Pipe fed from spring at unknown location. This could be made into a good waterpoint with very little trouble. Very good supply.	At present liable to pollution at ground level	Very Little	Very Clear	I. Measure B.P.	Drinkable after Chlorination.
Old. W.P. I.27 B.2.2. Wombat Road.	----	----	Old waterpoint in town. All machinery has been removed. Overhead storage and standpipes. Not in operation.	-----	-----	-----	-----	No sample available. Could be developed as a waterpoint.
Sugar mill. I.22.A.5.8.	----	60ft.	Well. 40ft to water. Windlass & rope in good order. Good supply. Surroundings fair.	Liabile to pollution from surface drainage.	Small Amount.	Clear	I. Measure B.P.	Drinkable after Chlorination.
Old standpipes on Mt. St. Quentin Rd. I.22.A.7.9.	----	----	Old waterpoint. Could probably be reopened.	-----	-----	-----	-----	At present out of order.

2ND  
AUSTRALIAN  
SANITARY SECTION.  
No. 219  
Date

APPENDIX 329



Billet No or Map Location.	No of Well	Depth of Well.	DESCRIPTION OF WELL	Possible sources of Pollution.	Sediment	Appearance of Water.	Result of Test.	Remarks Notices erected.
Villeret L.II.D.5.7.	--	100ft.	Well with windlass and Rope. In fair general Order.	From Surface drainage. Well is being repaired by Engineers	Small Amount.	Fairly Clear.	I.Measure B.P.	Drinkable after Chlorination. 4
L.I7.B.9.9.	)	20.ft.	Underground Tank. Contains rubbish and other filth.	Polluted from surface by Manure.	Large Amount	Very Dirty.	))))))	Unfit for Use.
Fervague Farm L.I6.C.7.8.	--	Very Deep.	Deep Well at Farm. In Fair order. Surroundings Fair.	LIABLE to a small amount of pollution from surface.	Fair Amount	Slightly Discolored	2 Measures B.P.	Drinkable after Chlorination.
Hargicourt. L.4.D.9.4.	)	100 Ft.	Well. with windlass and Rope Repaired by Engineers.	Do. Do.	Do.	Do.	B.P. 2.Measures	Drinkable After Chlorination.
Chateau. L.23.A.B.4.	--	---	Well at Chateau. Grand Preil Woods, In fair order.	Do. Do	Do	Do.	2.Measures	Drinkable After Chlorination.
Jeancourt. L.26.C.7.3.	--	35.ft.	Well in Village. In Bad order Polluted With Manure.	Fouled by direct Pollution.	Large Amount.	Very Dirty.	12.Measures B.P.	Unfit for Use.
L.26.C.6.6.	--	60. "	Well. In Fair order but water tastes strongly of Tar.	Probably fouled with tarred Rope	Fair Amount.	Slightly Discolored	5.Measures B.P.	Unfit for Drinking.
Sugar Factory K.36.D.I.4.	--	--	Well at Sugar Factory near Railway Line.	Surface Drainage to a small extent.	Small Amount.	Fairly Clear.	2.Measures B.P.	Drinkable after Chlorination.
Pond. K.36.B.2.I.	--	--	Surface catchment forming Pond. Surroundings Fair. Probably will be used as a Horse Water Supply.	Surface Drainage to a large extent.	Fair Amount.	Cloudy.	4.Measures B.P.	Unfit for Drinking.
Jeancourt L.26.D.3.9,	--	80.ft.	Deep well. at Chateau. Polluted with rubbish.	Fouled by direct pollution.	Large Amount.	Very Dirty.	8.Measures B.P.	Unfit for Use.
Hervilley K.23.D.90.45.	--	60 "	Good well in good order with windlass and rope. Old German W.P. Surroundings Good. Good Supply. Used as point for water carts to fill.	LIABLE to surface pollution to a small extent.	Little	Fairly Clear	2.Measures B.P.	Drinkable after Chlorination.

2ND  
AUSTRALIAN  
SANITARY SECTION

No. ....  
Date 19.9.18

APPENDIX

30



Location etc.	No of Well	Depth of well.	DESCRIPTION OF WELL	Possible sources of Pollution.	Sediment	Appearance of Water	Result of Test.	Remarks. Notices erected.
Hervilley. K.24.C.I.7.	--	Deep Bore.	DeppBore opposite Church.Old engine and pumping machinery. Would make a first class supply if put into working Order.	None.	----	----	----	No water available fB for testing purposes.
K.24.C.I.7.	--	20ft.	Underground Tank.Small supply Surroundings Clean.	From surface.	Fair Amount	Cloudy.	B.P. 4.Measures	Washing water Only. Unfit for Drinking but fit for Cooking purposes.
K.23.D 85.30.	--	60 "	Well.Not in working order.	From Surface.	Do.	Do.	3. Do	Unfit for Drinking but Fit for Cooking
K.23.D.5.2.	--	50"	Well. No windlass or Rope.Top of well blown in.In bad order	From Surface drainage	Do.	Do	2. Do	Unfit for Drinking but Fit for Cooking
Roisel. K23.A.I.6.	6--	60"	Well with Windlass and Rope. Good Raised Copin g round Well	Not liable to much pollution.	Small Amount.	Fairly Clear.	I. Do.	Drinkable After Chlorination.
K.22.B.2.3.	--	60 "	Well.With windlass and Rope. Surroundings Fairly Good.	Do. Do	Do	Do.	I. Do.	Do. Do.
K.22.A.45.90.	--	60 "	Do. Do. Repaired by Engineers.	Do. Do.	Do	Do.	I. Do.	Do Do.
K.I6.D.25.I5.	--	60 "	Do. Do.	Do. Do.	Do.	Do.	I. Do.	Do. Do.
K.23.A.8.0.?	--	---	Old Water point. Do.	Do Do	Do	Do.	I. Do.	Do. Do.
K.I0.D.I.8.	--	60 "	Well near Railway yards. Surroundings Fair.	Water shows signs direct pollution.	Large Amount.	Dirty.	6. Do.	Unfit for Use. Drinkable after Chlorination.
K.I0.D.2.7.	--	Bore.	Bore with pump in working order.	Not liable to much pollution.	Very Little.	Clear	I. Do.	Chlorination.
Jeancourt. L.32. A.5.8.	--	80"	Well at X.roads to Vendelles In good general Order.	Not liable to much pollution.	Small Amount.	Clear.	I. Do.	Drinkable after Chlorination.
Marquaix. K.I5.AI5.05.	--	60 1/2	Well.In fair general Order. Good supply.	Do Do.	Do.	Clear.	I. Do.	Drinkable after Chlorination.
K.I4.D.8.9.	--	20 "	Open well with Windlass.In good order. Drainage Good.	Liable to pollutio from surface.	Small Amount.	Clear	I. Do.	Drinkable after Chlorination.
K.I4.D.5.7.	--	20"	Openwell.Pump broken by shell fire. Drain away Fairly Good.	Do Do.	Do	Clear.	I. Do.	Drinkable after Chlorination.
K.I4.C.7.6.	6--	30.	Open well with no windlass or pump Drainage Bad.	Do. Do.	Large Amount.	Dirty.	7. Do.	Unfit for use.
Hamel. K.I4. C.I.2.	--	25.	Open well with windlass.In good order.Drainage good.	Do Do to small extent	Small Amount.	Clear.	I. Do.	Drinkable after Chlorination.

2ND  
AUSTRALIAN  
SANITARY SECTION  
Date 19.9.1918



Billet No or Map location.	No of Well	Depth of Well	DESCRIPTION OF WELL	Possible sources of Pollution.	Sediment	Appearance of Water	Result of Test	Remarks, Notices erected.
Mt. St Quentin I.15.D.9.9.	--	----	Well with power pump. Requires repairs. Would make a good water point. Surroundings Good.	Not liable to Pollution	-----	-----	-----	No sample available as point is not in working order. Drinkable after Chlorination.
St Denis. I.22.A.8.8.	--	30ft.	Open well with windlass and rope. Drainage bad and needs attention	Liabile to pollution from surface	Small Amount	Clear	I. Measure B.P.	Drinkable after Chlorination.
HALLE. In village.	--	30 "	Open well in old building. Rope and windlass required. Bad drain away from well.	DO. DO.	Do	Chalky.	I. Measure B.P.	Drinkable after Chlorination. <sup>4</sup> 0
Do.	--	60 "	Open well with windlass and rope. Drain away from well, Fair	Do	Do.	Cloudy.	I. Measure B.P.	Drinkable after Chlorination.
Do.	--	40."	Open well. Windlass and Rope Wanted. Drainage Bad.	Do.	Do.	Cloudy.	I. Measure B.p.	Drinkable after Chlorination.
Feuillaucourt. In Village.	I.	20 ft.	Only well in Village. Requires general repairs.	Do	Do.	Do.	I. Measure B.P.	Drinkable after Chlorination.
Waterpoint I.36.A.4.4. Doingt.	---	---	Two water sterilization lorries on bank of Cologne river. unlimited supply. Clean Surroundings	-----	-----	-----	Clear.	----- This water is issued as a Chlorinated Supply.
Waterpoint. I.36.A.5.5. DOINGT.	---	70ft.	Bore near church in Doingt. Engine and pump. Good storage. 2 standpipes for carts. 2 small tanks feeding 6 taps for waterbottles. Also horse watering point. Surroundings Clean.	Not liable to pollution.	Very Little	Clear.	B.P. I, Measure	This water requires I. Measure B.P. per watercart.
Bore at C.C.S. near Doingt. I.30.A.8.5.	--	--	Bore not yet completed. Boring plant still in operation. 27/9/18.	-----	-----	-----	-----	-----

Units are to a small extent drawing some of their water supplies direct from the River Cologne and also from the Somme where they happen to be camped close to the banks of the Streams . Water from the Cologne is fairly good and gives a test of I. measure B.P. per 100 gals in most samples taken from it. The Somme water is not so good and requires 2. Measures B.P. per 100 gals. in those samples tested. In most cases where water is drawn from the river direct it is used for Cooking or for washing purposes.

*James Capt.*

2ND  
AUSTRALIAN  
SANITARY SECTION.  
No. ....  
Date 21.9.18.

APPENDIX 3  
32



Billet No or Map Location.	No of Well	Depth of Well	DESCRIPTION OF WELL	Possible sources of pollution.	Sediment	Appearance of water	Result of Test.	Remarks Notices erected
TINCOURT Contd.			Open well with windlass in good order. Surroundings fairly good.	From surface drainage.	Small Amount	Clear.	I. Measure B.P.	Drinkable after Chlorination.
Well J.24.A.3.4.	--	25ft.						
" J.24.B.3.5.	--	20.ft.	Well. Open with windlass in good order. Surroundings fairly good.	Do Do	Do	Clear.	I. Measure B.P.	Drinkable after Chlorination.
" J.23.B.9.3.	--	30.ft.	Open well. Damaged and with no windlass or pump. Drainage Fair	Do Do.	Large Amount	Dirty.	4. Measures B.P.	Unfit for Use.
" J.24.A.7.7.	--	30.ft.	Open well in fairly good order windlass, Drainage good.	Do. Do	Small Amount.	Clear.	I. Measure B.P.	Drinkable after Chlorination.
" J.24.A.5.5.	--	30.ft.	Open well with damaged pump, in bad order. Surroundings fair,	Do. Do	Large Amount.	Dirty.	B.P. 3. Measures	Unfit for Use.
MARQUAIX.								
Springs.	--	--	Used as a waterpoint. Fitted with large hand pump. One stand pipe. No Dixie filler. Approach is bad and requires attention. Plentiful supply.	LIABLE to pollution from drainage around springs.	Small Amount.	Clear	I. Measure B.P.	Drinkable after Chlorination.
K.I5.C.5.2.								

*W. P. Holmes Capt.*

2ND  
AUSTRALIAN  
SANITARY SECTION.  
No. ....  
Date 21.9.15

APPENDIX 3  
33



Billet No or Map Location	No of Well	Depth of Well	DESCRIPTION OF WELL	Possible sources of pollution.	Sediment	Appearance of water	Result of Test	Remarks Notices erected.
BUSSU. Bore at -- J.I3.A.2.3. B.3.3.	Bore	195 Ft.	Deep bore.Machinery for pumping is damaged and out of Use.	None.	-----	-----	-----	Repairs wanted to bore & Machinery. Drinkable after Chlorination. 48
Well. J.I3.A.5.4.--	--	70 Ft.	Well in Village.Windlass and Rope. Drainage Good.	From surface to a small extent.	Small Amount	Fairly Clear.	I.Measure B.P.	48
Well. J.I3. C.I.7.	--	70 "	Well. Requires a new Windlass an rope.Surroundings Fair	Do Do	Do	Do	2.Measures B.P.	Drinkable after Chlorination.
Well.I.I8.D.9.7.	3.	60."	Well in fair order.	Do Do.	Do	Chalky.	I.Measure	Drinkable after Chlorination.
Well I.I8.B.8.3.	4.	70."	Well. Requires cleaning out and new windlass erecting.	Do. Do.	Fair Amount.	Dirty.	3.Measures.	Unfit for drinking.
Courcelles. Well.J.32.A.2.2.	--	60"	Well used as W.P.Has a good hand pump.Fair supply.	From surface Do Drainage.	Small Amount.	Fairly Clear.	I.Measure B.p.	Drinkable after Chlorination.
Well.J.32.C.7.6.	--	50"	Well. Shallow in fair order Drainage Fair.	Do. Do.	Do.	Chalky	I,Measure.	Drinkable after Chlorination.
Cartigny. Bore.P.3.B.0.9.	--	--	shallow Bore.Has been put into working order by Engineers,as a waterpoint.	Not liable to much Pollution.	Do.	Opaque.	B.P. 2.measures.	Drinkable after Chlorination.
Buire. J.34.A.2.8.	--	13"	Shallow well.Requires cleaning out and windlasserecting.Fair drainage	Do Do.	Do	Opaque.	2.Measures B.P.	Drinkable after Chlorination.
Driencourt. J.I0.A.6.6.	)	--	Bore situated at T roads near Driencourt.Standpipes,Dixie filler and horsetroughs.Fair order.	None.	Very Little.	Clear	I.Measure B.P.	Drinkable after Chlorination.
TINCOURT. W.P. J.24.A.3.8.	--	Springs	W.P.In good order and extensively used, Surroundings Good.Stand pipes and Dixie filler.	Not liable to much Pollution	Do	Clear	I.Measure B.P.	Drinkable after Chlorination.
Well.J.24.A.8.3.	--	15ft.	Well.Covered,with hand pump in fair order.Drainage good.	Do.	Small Amount.	Clear.	I.Measure. B.P.	Drinkable after Chlorination.
" J.24.A.8.I.	--	20."	Open well with windlass and Rope in good order.	From surface drainage	Do	Clear.	I.Measure	Drinkable after Chlorination.
" J.24.A.7.4.	--	15."	Covered well with hand pump. Fair general order.	Do,to a small extent	Do.	Clear.	I.Measure.	Drinkable after Chlorination.
" J.24.A.9.4.	--	30 "	Open well with windlass in fair general order.Drainage fair.	Do. Do.	Do.	Clear.	I.Measure.	Drinkable after Chlorination.
" J.24.A.4.4.	--	30."	Open well.No windlass orpump. Surroundings fairly good.	Do. Do.	Do.	Fairly Clear	2.Measures B.P.	Drinkable after Chlorination.

2ND AUSTRALIAN SANITARY SECTION.  
 No. 24915  
 Date 24/9/18

APPENDIX 334



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SECRET

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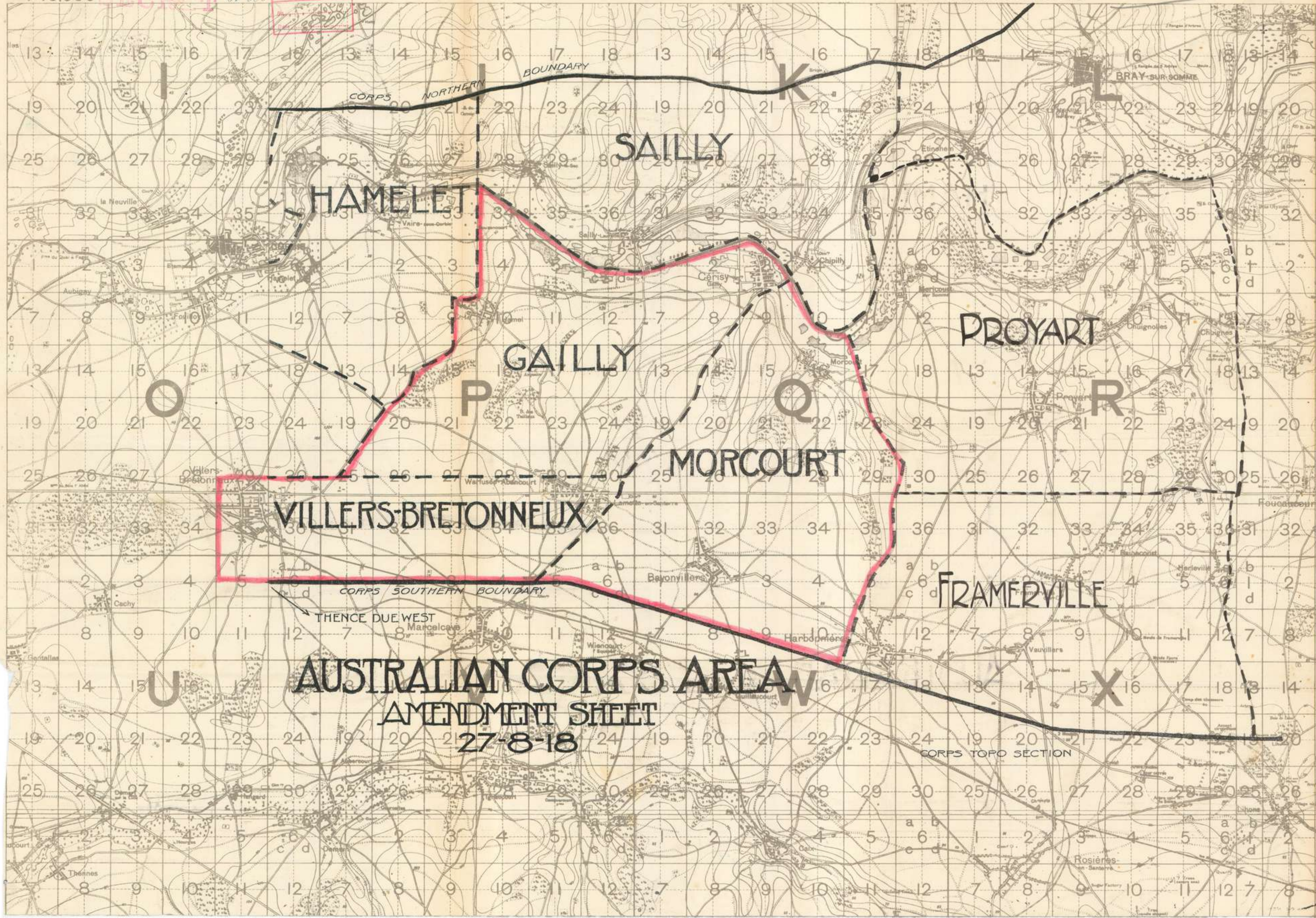
2ND AUSTRALIAN SANITARY SECTION

2nd Aust. Sanitary Section Area 3/9/18 to 11/9/18.

AS

HARBONNIERES APPENDIX 3

35



AUSTRALIAN CORPS AREA

AMENDMENT SHEET

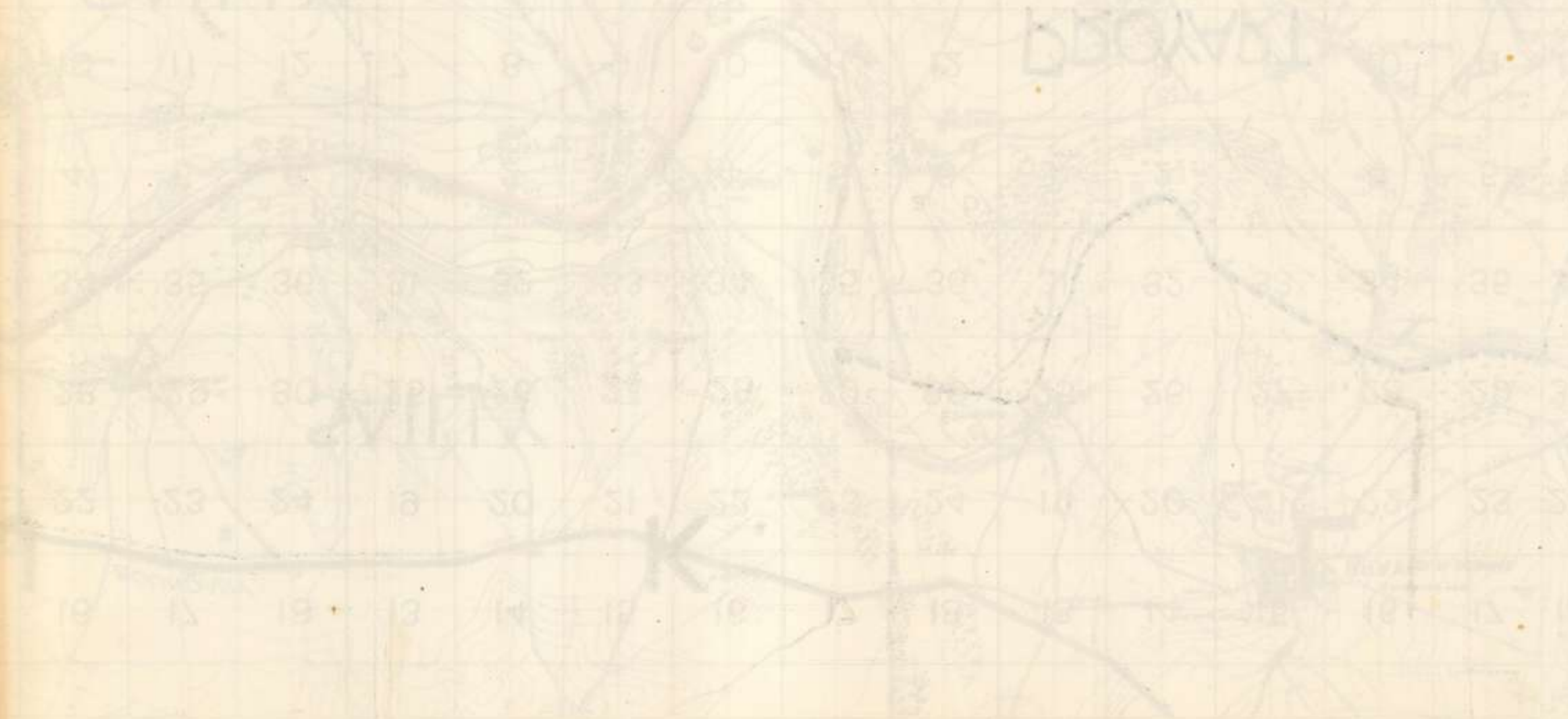
27-8-18

CORPS TOPO SECTION



249  
AUSTRALIAN  
MILITARY SECTION  
Date

War Diary  
Sept 1918  
Appendix to 3.



HARBORNEER



SECRET.MEDICAL ARRANGEMENTS, FOURTH ARMY.OPERATIONS NO. 47.

The following areas will be allotted to Sanitary Sections from noon, September 7th, 1918.

Sanitary Section.	Headquarters.	Area.	Administered by
16	BRESLE.	Left Corps Area.	IIIrd Corps.
23	PICQUIGNY.	CAVILLON Area.	Army.
48	MORLANCOURT.	Left Corps Area.	IIIrd Corps.
50	BECOURT.	Left Corps Area.	IIIrd Corps.
58	BERTEAUCOURT.	YZEUX Area.	Army.
59	MERICOURT L'ABEE	Left Corps Area.	IIIrd Corps.
61	RIVERY.	RIVERY & DURY Entraining Areas, AMIENS including LONGPRE & MONTIERES.	Army.
77	LES ALENCONS.	MONTIGNY Area.	Army.
1. Aus. Dv.	PROYART.	Right Corps Area.	Aus. Corps.
2. Aus. Dv.	BAYONVILLERS.	Right Corps Area.	Aus. Corps.
3. Aus. Dv.	BRAY.	Right Corps Area.	Aus. Corps.
4. Aus. Dv.	HERLEVILLE.	Right Corps Area.	Aus. Corps.
5. Aus. Dv.	CORBIE.	Right Corps Area.	Aus. Corps.

"Medical Arrangements, Fourth Army" - Operations No. 43, dated 27.8.18, is cancelled.

H.Q., Fourth Army.  
7th September, 1918.  
G.

*M. W. O'Keefe*  
Major-General,  
Director of Medical Services.

To: - H.Q., Corps, Fourth Army.  
D.D.S.M.S. for distribution to Os.C. Sanitary Sections.  
Os.C. Nos. 23, 58, 61 & 77 Sanitary Sections.  
D.G.M.S., B.A. in F.  
Fourth Army "A", "Q", A.C.A.F.A., & A.C.A.A. } for information.  
A.D.M.S., (Sanitation), A.P.O.S.I.





*Appendix No. 4*

A U S T R A L I A N C O R P S



*Cancelled 9/9/18*

Sanitary Instructions No.3.

In accordance with Australian Corps Administrative Instructions Nos.15 and 17 for Operations -

1. New Corps areas have been formed and are allotted as follows :-

1st Aust.San.Sect.	-	Horbecourt area
3rd Aust.San.Sect.	-	Peronne area
4th Aust.San.Sect.	-	Estrees area

2. 2nd and 5th Australian Sanitary Sections will be relieved in their respective areas by 23rd Sanitary Section on 9-9-18 and on relief will move to and take over the following areas from 1st, 3rd and 4th Sanitary Sections.

5th Aust.San.Sect.	-	Forward area east of R.Somme bounded on south by Corps boundary. on north by grid line running east and west between 0.10 and 0.16.
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2nd Aust.San.Sect.	-	Forward area, bounded on north by Corps boundary, on west by R.Somme and south by grid line running east and west between 0.10 and 0.16.
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3. Areas will be handed and taken over by mutual arrangements between C.Os concerned. Completion and location of headquarters will be notified to this Office.
4. Sanitary Sections acknowledge.

*J.W. Backer*

Headquarters  
8th . . . Sept. 1918

D.D.M.S. Australian Corps.

COLONEL

Distribution :-

Os.C. Sanitary Sections  
A.Ds.M.S. Aust.Corps  
D.M.S. Fourth Army  
"AQ" Aust.Corps (copies for area Commandants)  
War Diary





A U S T R A L I A N C O R P S

*38*

2ND  
AUSTRALIAN  
SANITARY SECTION.

Sanitary Instructions No.4.

In accordance with Australian Corps Administrative Instructions No. 18 for Operations new Corps areas have been formed as follows -

ATHIES	MESNIL
HERBECOURT	VILLERS CARBONNEL
PERONNE.	

1. Sanitary Instructions No. 3. are cancelled.
2. Areas are allotted as follows :-
 

1st Aust.San.Sect.	-	Proyart, Cappy, Bray and Suzanne areas.
<del>2nd Aust.San.Sect.</del>	-	<del>Peronne area and Left Divisional area.</del>
3rd Aust.San.Sect.	-	Mesnil and Athies areas.
4th Aust.San.Sect.	-	Framerville, Villers Carbonnel and Herbecourt areas.
5th Aust.San.Sect.	-	Centre and Right Divisional areas.
23rd San.Section	-	Daours, Glisy, Corbie, Aubigny, Hamelet, Villers Brettoneux, Gailly and Morcourt areas.
3. Relief of the 2nd and 5th Australian Sanitary Sections by the 23rd Sanitary Section is postponed to 10-9-18.
4. Areas will be handed and taken over by mutual arrangement between C.Os concerned. Completion and location of Headquarters will be notified to this Office.
5. Sanitary Sections acknowledge.

*ack'd [initials] 17/9.18.*

Headquarters  
9th Sept. 1918

*A. J. Collins Major*  
COLONEL  
D.D.M.S., Australian Corps.

Distribution :-

Os.C. Aust. and 23 Sanitary Sections.  
A.Ds.M.S. Aust. and 32nd Division  
"AQ" Aust. Corps (copies for area Commandants)  
D.M.S. Fourth Army  
War Diary.



A8

SECRET

2ND AUSTRALIAN SANITARY SECTION.	
No.....	Copy No....
Date.....	

39

A U S T R A L I A N   C O R P S

---

Medical Instructions No.53.

In accordance with Australian Corps Battle Instructions  
Series "D" No. 4. -

1.
  - i. The A.D.M.S. 1st Australian Division will take over from the A.D.M.S. 3rd Australian Division the medical arrangements for the clearance of the Left Divisional Sector and area.
  - ii. The relief will be completed by 6 am 11th Sept. 1918, details being mutually arranged between A.Ds.M.S. concerned.
  - iii. Medical Units of the 3rd Australian Division so relieved will be at the disposal of A.D.M.S. 3rd Australian Division.
  
2.
  - i. The A.D.M.S. 4th Australian Division will take over the medical arrangements for the clearance of the Centre Divisional Sector and area, from the A.D.M.S. 5th Australian Division.
  - ii. The relief will be completed by 6 am 11th Sept. 1918 details being mutually arranged between A.Ds.M.S. concerned.
  - iii. Medical Units of the 5th Australian Division so relieved will be at the disposal of the A.D.M.S. 5th Australian Division.
  
3.           Acknowledge.

Headquarters  
8th Sept. 1918

*A. J. Collins Major*  
for Colonel  
D.D.M.S., Australian Corps.

Distribution :-

Copy No. 1 A.D.M.S. 1st Aust.Div.  
           2 A.D.M.S. 3rd Aust.Div.  
           3 A.D.M.S. 4th Aust.Div.  
           4 A.D.M.S. 5th Aust.Div.  
       5-10 "AQ" Aust. Corps  
       11-13 "War Diary  
       14 File.

Copies for information to :-

D.M.S. Fourth Army  
 "G" Aust. Corps  
 "Q" Aust. Corps  
 O.C. 3rd M.A.C.  
 A.D.M.S. 2 Aust. 32nd Divs.  
 O.C. 2nd 5th Aust. San. Sects.



FIRST AUSTRALIAN DIVISION

Divisional Headquarters,  
16th September, 1918.ADMINISTRATIVE INSTRUCTIONS issued with Battle Instructions,  
Series "D", No. 9 of 15th September, 1918.1. TENTS, TRENCH SHELTERS, etc.

All Tents, Trench Shelters, etc. at present in possession of Infantry Brigades will be collected under Brigade arrangements at one central spot prior to units moving to the assembly positions. A guard will be left in charge of these shelters and the location of the dump notified to Divisional Headquarters.

2. PACKS AND VALISES.

All Packs, Valises and Officers' kits will be dumped under Brigade arrangements at a central point near a good road and placed under guard, location of each Brigade dump will be notified to Divisional Headquarters.

3. AMMUNITION, ETC.

S.A.A. Section is located at HAMELET. Brigades will notify "Q" Branch as early as possible of the location of Brigade Ammunition Reserves, which should if possible be situated on a good road and screened from view.

All units will move with full Echelons of Tools and Ammunition.

4. R.E. MATERIAL

R.E. Dump is situated at TINCOURT. Material should be demanded through Field Companies.

5. WATER.

Each B brigade in the Line will be supplied with Tanks of a total capacity of 300 gallons. These will be dug in and will be kept full under Divisional arrangements. The Right Brigade Tanks will be at K.50.a.5.2, those for the Left Brigade at K.18.b.30.95. Each Brigade will be supplied with 500 empty petrol tins which will be filled and stored under Brigade arrangements. When they are empty they will be refilled from the tanks allotted to Brigades.

The following Wells, etc. are reported to exist East of ROISEL. The C.R.E. is arranging for these locations to be explored, and any wells discovered to be put in a state of repair. A representative of the Sanitary Section will be located at the Advanced Dressing Station for the purpose of testing water. All samples of water from Wells, etc. in captured territory should be forwarded to Advanced Dressing Station for testing. The AD.M.S. will arrange for reports on all water tested to be wired to all B brigades and D.H.Q. at the following hours, 6 a.m., 12 noon, and 6 p.m.

Reputed locations of Wells, etc.

No.	Locality	Remarks.
1	K.10.d.0.5	Two Wells covered.
2	K.16.a.2.1	Requires buckets and windlass.
3	K.16.b.3.4	Two measures required per water cart.
4	K.16.d.2.6	Covered in, apparently a good supply of water.
5	K.22.a.5.9	In use.
6	K.23.a.1.6	
7	K.23.a.8.0	Recently erected.
8	K.23.d.8.4	Ready for use.
9	K.24.a.2.1	

P.T.O.



5. WATER (Continued).

No.	Locality	Remarks
10	K.24.c.0.9	Cleaned and ready for use.
11	L.13.c.3.3	To be in working order by 12 noon of 18th instant.
12	L.13.a.2.4	do. do.
13	L.13.c.2.8	To be in working order by evening, 17th instant.
14	K.23.d.7.5	To be in working order by 12 noon, 18th instant.
15	L.23.a.7.9	do. do.
16	L.26.a.8.2	To be in working order on evening of 18th instant.
17	L.2.b.8.6	
18	L.2.d.1.9	

6. ORDNANCE.

An Advanced Ordnance Dump will be established at HAMEL. All battle stores and urgent fighting necessities such as Oil, Flannellette, Lewis Gun Magazines, etc. may be obtained at this location.

7. BATHS AND CLEAN CLOTHING.

A quantity of clean Socks will be available on demand at Advanced Ordnance Store. Baths at BUIRE will be moved to MARQUAIX on 18th instant.

8. TRANSPORT LINES.

Units will advise "Q" Branch of the location of their Transport Lines as early as possible. Any change of location of a unit's Transport Lines will be notified to "Q" Branch immediately. The instructions contained in 1st Aust. Div. Memo. 89/513 of 12th August, 1918, - "Protection of horses against hostile bombing" - will be strictly complied with in all cases.

9. VETERINARY.

Advanced Collecting Station is at J.33.c.2.9. The Daily Remount Casualty wire called for by this office 89/521 of 11th ultimo will be rendered daily until further notice.

10. BAGGAGE WAGONS.

Baggage Wagons will remain with units until further orders and may be used for the conveyance of R.E. Material and Water during operations, but not for Ammunition.

11. PRISONERS OF WAR.

Prisoners of War Collecting Station will be located at K.27.b, Corps Cage at FLAMICOURT. D.A.P.M. will arrange necessary escorts to collect prisoners at this location.

12. STRAGGLER POSTS.

Straggler Posts will be manned on the line of Railway from K.10. to K.26. At Zero plus 4 hours this line will move forward to the line JEANCOURT, HESBECOURT, VILLERS-FAUCON Road.

13. TRAFFIC CONTROL.

The D.A.P.M. will arrange control of all roads in forward area and have sufficient traffic control men available to man roads in vicinity of and forward of present front line, to be posted where required. Notice boards will be erected by D.A.P.M. at all important road junctions in forward area.



To.A.D.M.S.

Ist. Australian Division.

Date.	Time Sample was Received.	Unit supplying Sample.	No of Sample.	Source of supply Well, Spring, Stream etc.	Map Location	If in Village Village, Street,	Billet No.	Nature of Label Recommended to be placed on well etc.	Degree of Chlorination. Required.	Remarks.
£										<p><i>Copy of Report form used in connection with water testing scheme. Samples from captured Territory</i></p> <p><i>Was Drawing (Sept) Appendix no 5-</i></p>

2nd  
AUSTRALIAN  
SANITARY SECTION.  
No. \_\_\_\_\_  
Date 30.9.18

APPENDIX 5-42



48

2nd Australian Sanitary Section.

Unit Orders. 21.9.18.

APPENDIX 6  
Appendix no 6. 1918

no 15.

Sanitary Inspectors will pay particular attention to the supervision of the sanitation of Prisoners of war cages and to Railheads in their areas.

The Monthly Report on railheads is to be made out on the special Form, and is to be handed in on the 25th of each month.

A short report on P.O.W. cages is to be made out weekly on the back of the Weekly Sanitary Report sheet.

The Monthly report on Water points is to be made out on the special form, and is to be handed in on the 25th of each month.

A copy of every recommendation made to Units and to Area commandants, R.T.Os etc, and of the action taken in each case, is to be kept by the San. Inspectors on the special Form attached. One copy of this form is to be kept by the Unit, or Area Commandant etc; the other copy to be kept by the San. Inspector.

When recommendations are not carried out, the San. Inspectors copy is to be sent in to me without delay.

When the recommendations are carried out, the San. Inspectors copies will be handed in with the Weekly Sanitary Report.

2ND AUSTRALIAN SANITARY SECTION.
No. 21/9/18.
Date .....

*M. Holmes Capt.*  
O.C. 2nd Aust. Sanitary Section.

UNIT

2nd Australian Sanitary Section,

Date

1918.

Unit.	Recommendations of Sanitary Officer	Date	Action Taken by C.O. Unit or Area Commandant.

SANITARY INSPECTOR

Received by

RANK

NAME

Rank



Summary of the formation of the 2nd Australian Sanitary Section and the work carried out by it up to the time it became established at Merris in France.-

The 2nd. Australian Sanitary Section was formed at Serepeum, Egypt during February 1916. A. and N.Z. Canal District Routine Order No. 37. was apparently the order authorising the formation of Sanitary Sections in Egypt and the following Copy of a letter of 15/1/16 from First Australian Divisional H.Q. to H.Q. A. and N.Z. Army Corps appears to be the recommendation which led to the formation of the 2nd Australian Sanitary Section.-

Copy of Letter.-

Divisional H.Q.

25.1.1916.

Hd. Qrs.

A. and N.Z. Army Corps.

Re formation of Sanitary Sections.

With regard to Canal District Routine Order No 37 of 15/1/16 it is recommended that a Sanitary Section as per War Establishment Australian Military Forces be approved for attachment to this Division Viz.-

A, Sanitary Section. War Establishment.  
I. Personnel.

Detail.	Officers	S/Sgts & Sgts.	Rank & File	Total	Riding Horses.	Remarks.
Captain	I.			I		
3/Sgts and Sgts.		2.		2		
Corporals			2	2		
Privates			20	20		
Batman			I	I		
Driver			I.	I.		
Riding Horses.					I	
Totals.	I	2.	24	27.	I.	

Note .- The above establishment includes I.L/Cpl.

Detail	Vehicles	2. Transport. Draught Horses.	Remarks.
Wagon .G.S. for Tools etc	I	2	

sgd.

Major General.

Commd. 1st Australian Division.

On the Formation of the Section Captain I. Mc. W. Bourke (A.I.F. List No 23 of 6/2/16) of first Australian General Hospital was Appointed O.C. of the Section Copy of Appointment is As follows.-



48  
2.  
Re. Appointment of Captain I. Mc. W. Bourke.  
A.I.F. List No 23. of 6/2/16.-

APPENDIX 7<sup>45</sup>

Captain I. Mc. W. Bourke from Ist. Australian General Hospital to be Divisional Sanitary Officer Ist Australian Division Vice Thompson promoted and transferred.

The original personnel of the Section and the various Units from which the members were drawn and the dates of their joining were as follows. @

Regtl No.	Rank.	Name.	Unit from which drawn	Date of Joining	Remarks.
		Capt. Bourke. I. Mc. W.	Ist. A.G.H.	6/2/16.	
362.	S/Sgt.	Carlos. G. C.	A.A.S.C.	24/2/16.	
172.	Sgt.	Davinet. C. B.	A.A.M.C. Details	1/3/16.	
			10th Battalion.		
989.	Pvt.	Boland. G.	11th Battalion.	13/2/16	Promoted Corporal 25/2/16.
1151.	Pvt.	Kennedy. F.	10th. Battalion.	24/2/16.	Promoted Corporal 1/3/16.
1966.	Pvt.	Kellett. W.	10th .Battalion	24/2/16.	Promoted L/Cpl. 14/3/16.
2189.	Pvt.	Webb, G.	3rd. Battalion.	24/2/16.	
388.	Pvt.	Corrigan. J.	7th. Battalion.	26/2/16.	
1160.	Pvt.	Neal. A. F.	7th. Battalion.	25/2/16.	
2692.	Pvt.	Walker. F. E.	4th. Battalion.	24/2/16.	
142.	Pvt.	Roche. J. E.	7th. Battalion.	23/2/16.	
2700.	Pte.	Hayes. W. R.	9th. Battalion.	24/2/16.	Remustered Driver 1/3/16.
1612.	Pte.	Pearce. A. E.	11th. Battalion.	13/2/16.	
2727.	Pte.	Seabrook. A. L.	12th. Battalion.	24/2/16.	
1041.	Pte.	Coll. J.	2nd. Battalion.	24/2/16.	
329.	Pte.	O, Shea. H.	12th Battalion.	24/2/16.	
1766.	Pte.	Jennings, J.	2nd. Battalion.	24/2/16.	
2569.	Pte.	Budgen. A.	4th, Battalion.	24/2/16.	
2342.	Pte	Donovan. K. J.	3rd. Battalion.	24/2/16.	
2644.	Pte.	Marmont. J.	4th. Battalion.	24/2/16.	
2706.	Pte.	Sandry. H. A.	4th. Battalion.	24/2/16.	
2563.	Pte.	Beattie. W. S.	7th. Battalion.	25/2/16.	
1371.	Pte.	Laidlaw. D.	7th. Battalion.	25/2/16.	
2642.	Pte.	Rae. G. H.	7th. Battalion.	25/2/16.	
1809.	Pte.	Pollard. J.	7th. Battalion.	25/2/16.	
1929.	Pte.	Curtis. J. J.	7th. Battalion,	26/2/16.	
57.	Pte.	Burley. W.	4th, Battalion.	13/3/16.	
2848.	Pte.	Lieper. R.	9th. Battalion.	24/2/16.	

The Unit was mustered at Serepeum, Egypt. The chief work carried out by the Section. immediately after its formation and for the short period it remained in Egypt. was the Disinfection of Clothing and blankets of the Ist Australian Division, and the Chlorination of water supplies. For the purpose of disinfection the Section was equipped with One Thresh Disinfector and also Six sets (in pairs) of Serbian Barrels. This was the equipment provided for the treatment of the clothing and blankets of the Ist. Australian Division. Chlorination of the water supply was carried out on the main supply pipe line from Sweet Water Canal to the various waterpoints in camping Areas.

Up to the time of leaving Egypt the system of inspection of camps by Sanitary Inspectors of the Section had not made much headway and the Unit had not undertaken anything in the way of constructional work.

On the 29th. of March 1916 One N.C.O. and Five Privates of the Unit moved from Egypt with the H.Q. of the Ist Australian Division per S/S Bohemia. landing in France at Marseilles. The Balance of the Unit moved to France under Captain Bourke early in April per S/S Kingstonia landing



at the same port. The whole Unit reassembled at Merris near Bailleul early in April and took over the Sanitary control of the 1st Australian Divisional area, including the Merris baths and the Meteren Becque Baths. Up to this stage the Unit had not received Stationary or established a system of orderly room records. Inspection of Camps Supervision of Water supplies and a small amount of constructional work were systematically carried out and gradually extended and elaborated. From this on records were more regularly kept and subsequent history of the Section and its work in France are contained in those records.

The main records are.- War diary of Captain Bourke April to November 1916. War. Diary of Captain Holmes. December 1916 to the present date, and the monthly reports of the Sanitary Section. A book containing records of the movements of the Unit. Changes in personnel, Principal R.Os. affecting Sanitation and other matters of interest between April and December 1916 Was forwarded by me to Australian War Records last year and can be referred to .

2ND AUSTRALIAN SANITARY SECTION.
No. 22.9.18.
Date .....

O.C.

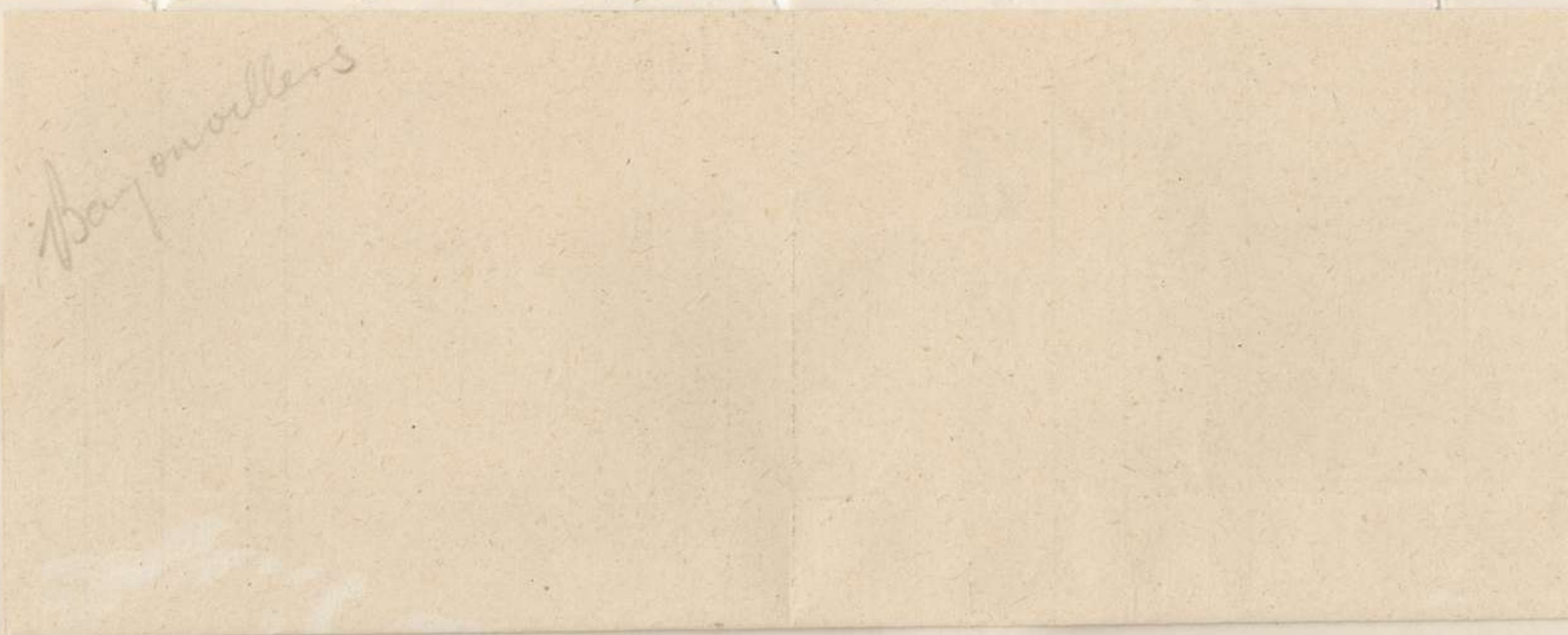
*W.A. Holmes Capt*

2nd Australian Sanitary Section.









*Bayonnettes*

48

APPENDIX

*S*

47



48

*War Diary  
Appendix  
No 8*

A U S T R A L I A N   C O R P S

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2ND  
AUSTRALIAN  
SANITARY SECTION.

No. ....  
Date .....

Sanitary Instructions No. 5

In accordance with Australian Corps Administrative Instructions No. 19 for Operations, the following areas were handed over to IXth Corps at noon 11th Sept.

- Athies, Villers Carbonnel, Framerville and Villers Bret onœux.
1. No. 23 Sanitary Section will be relieved in the Villers-Bret onœux area forthwith by the 58th Sanitary Section.
  2. Para 2, Sanitary Instructions No. 4 is cancelled.
  3. Areas are allotted as follows :-
    - 1st Aust. San. Sect. - Proyard, Cappy and Bray
    - 2nd Aust. San. Sect. - Peronne and Left Divisional area.
    - 3rd Aust. San. Sect. - Mesnil area
    - 4th Aust. San. Sect. - Herbecourt and Suzanne areas.
    - 5th Aust. San. Sect. - Right Divisional area.
    - 23rd Sanitary Section - Daours, Glisy, Corbie, Aubigny, Hamelet and Morcourt areas.
  4. Areas will be handed and taken over by mutual arrangement between C.Os concerned. Completion and location of headquarters will be notified to this Office.
  5. Sanitary Sections acknowledge.

*asked*

Headquarters  
12th Sept. 1918

*A. G. Collins Major*  
for COLONEL  
D.D.M.S. Australian Corps.

Distribution :-

Os.C. Aust. San. Sects. 23rd and 58th San. Sects.  
A.Ds.M.S. Aust. Divisions.  
D.D.M.S. IXth Corps  
"AQ" Aust. Corps (with copies for area Commandants)  
D.M.S. Fourth Army  
War Diary.



*AS*  
D:D.M.S.  
AUSTRALIAN CORPS

*War Diary appendix to 8*

A U S T R A L I A N C O R P S

*49*  
2ND  
AUSTRALIAN  
SANITARY SECTION.

No. ....

Date .....

Sanitary Instructions No.6.

In accordance with Australian Corps Administrative Instructions No.238. -

1. Para 3. Sanitary Instructions No.5 is cancelled.
2. Areas are allotted as follows :-
 

1st Aust.San.Sect.	-	Proyart, Cappy and Bray areas.
2nd Aust.San.Sect.	-	Tincourt and "A" Divisional area.
3rd Aust.San.Sect.	-	M&snil and Peronne areas.
4th Aust.San.Sect.	-	Herbecourt and Suzanne areas.
5th Aust.San.Sect.	-	Haut Allaines and "B" Divisional area.
23rd Sanitary Section-	-	Daours, Glisy, Corbie, Aubigny, Hamelet, and Morcourt areas.
3. Areas will be handed and taken over by mutual arrangement between C.Os concerned. Completion and location of headquarters will be notified to this office.
4. Sanitary Sections acknowledge.

*ackd 24/9/18*  
Headquarters  
23rd Sept.1918

*A. G. Collins, Major*  
for COLONEL  
D.D.M.S., Australian Corps.

Distribution :-

Os.C. Aust and 23rd San.Sects.  
A.Ds.M.S. Aust.and 30th and 27th Amer.Divs.  
D.Ds.M.S. IIIrd and IXth Corps  
"AQ" Aust.Corps (with copies for area Commdts)  
D.M.S. Fourth Army  
War Diary  
File.



SECRET.2ND  
AUSTRALIAN  
SANITARY SECTION.

No. ....

Date .....

MEDICAL ARRANGEMENTS, FOURTH ARMY.OPERATIONS NO. 49.

The following areas will be allotted to Sanitary Sections from noon, September 18th, 1918.

Sanitary Section.	Headquarters.	Area.	Administered by.
16.	HARDECOURT.	Left Corps Area.	IIIrd Corps.
23.	CORBIE.	DAOURS, GLISY, CORBIE, AUBIGNY, HAMELET and MORCOURT Areas.	Aust. Corps.
48.	TEMPLEUX-LA-FOSSE	Left Corps Area.	IIIrd Corps.
50.	NURLU.	Left Corps Area.	IIIrd Corps.
58.	BAYONVILLERS.	Right Corps Area.	IXth Corps.
59.	MOISLAINS.	Left Corps Area.	IIIrd Corps.
61.	RIVERY.	AMIENS and Army Area.	Army.
77.	ATHIES.	Right Corps Area.	IXth Corps.
1. Aus. Dv.	PROYART.	PROYART, CAPPY & BRAY Areas	Aus. Corps.
X 2. Aus. Dv.	BUSSU.	PERONNE & Left Divisional Areas.	Aus. Corps. X
3. Aus. Dv.	LE MESNIL.	MESNIL Area.	Aus. Corps.
4. Aus. Dv.	HERLEVILLE.	HERBECOURT & SUZANNE Areas.	Aus. Corps.
5. Aus. Dv.	ST. CREN.	Right Divisional Area.	Aus. Corps.

"Medical Arrangements, Fourth Army" - Operations No. 47, dated 7.9.18, is cancelled.

H.Q., Fourth Army.  
18th September, 1918.  
G.

*M. W. Oxley*  
Major-General,  
Director of Medical Services.

To:- H.Q., Corps, Fourth Army.  
D.D.S.M.S. for distribution to Os.C., Sanitary Sections.  
O.C., No. 61 Sanitary Section.  
D.G.M.S., B.A. in F.  
Fourth Army "A", "Q", A.C.A.F.A., & A.C.A.A. } for information.  
A.D.M.S. (Sanitation), A.P.C.S.1.



48 2nd Australian Sect

2ND AUSTRALIAN SANITARY SECTION.  
No. ....  
Date .....

SECRET.

AMENDMENT NO.1 TO MEDICAL ARRANGEMENTS, FOURTH ARMY,  
OPERATIONS NO, 49, DATED 16.9.1918.

The following amendments are made to "Medical Arrangements, Fourth Army" - Operations No.49 dated 16.9.18:-

Sanitary Section.	Headquarters.	Area.	Administered by
23	CORBIE.	HENENCOURT & CORBIE Areas.	Army.
58	MISERY.	Right Corps Area.	IXth Corps.
2.Aust.	BUSSU.	TINCOURT & "A" Divisional Areas.	Aust.Corps.
3.Aust.	LE MESNIL.	MESNIL & PERONNE Areas.	Aust.Corps.
4.Aust.	HERBECOURT.	HERBECOURT & SUZANNE Areas.	Aus.Corps.
5.Aust.	ST.GREN.	HAUT, ALLAINES & "B" Divisional Areas.	Aust.Corps.

H.Q., Fourth Army.  
25th September, 1918.

*J. H. Houston*  
Major-General,  
D. M. S.

To:- All recipients of "Medical Arrangements, Fourth Army" - Operations No.49 dated 16.9.18.

2ND AUSTRALIAN SANITARY SECTION.  
No. ....  
Date .....



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SECRET

2ND AUSTRALIAN SANITARY SECTION.	
No. ....	.....
Date .....	.....

Copy No...

A U S T R A L I A N   C O R P S

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Medical Instructions No.57.

In accordance with Australian Corps Battle Instructions, Series "E", No. 1. -

1.
  - i. The Divisional Surgeon, 30th American Division will take over from the A.D.M.S. 1st Australian Division, the medical arrangements for the clearance of the Divisional Sector and area.
  - ii. Relief will be completed by midnight 23/24th inst, details being mutually arranged between Administrative Medical Officers concerned.
  - iii. Medical Units of the 1st Australian Division so relieved will be at the disposal of A.D.M.S. 1st Australian Division.
2. All surplus blankets, stretchers, marquees &c. will be handed over to the 30th American Division.
3. Acknowledge.

Headquarters  
22nd Sept. 1918

*A. J. Collins Major*  
for COLONEL  
D.D.M.S., Australian Corps.

Distribution :-

Copy No. 1 Divisional Surgeon, 30th Amer. Div. -  
2 A.D. M.S. 1st Aust. Div.  
3-6 Aust. Corps "AQ"  
7-9 War Diary  
10 File.

Copies for information to :-

D.M.S. Fourth Army  
Chief Surgeon, IInd Amer. Corps  
D.D.M.S. IIIrd Corps  
D.D.M.S. IXth Corps.  
O.C. 3rd M.A.E.  
"Q"., "Q"., Aust. Corps  
A.Ds. M.S. 2.3.4.5. Aust. Divs.  
O.C. 2nd Aust. San. Sect.

*ack'd*

*23.9.18*



A4 53

2ND AUSTRALIAN SANITARY SECTION.

War Diary

No. ....

Date ..... September 1918

Appendix no 9.

Papers.  
 Handover to  
 3rd Aust. San. Sect.

W. H. Jones Capt.







Abbaye, Abbe - Abbey.
Abrevoir, Abv - Watering place.
Abris de douaniers - Customs-shedder.
Acierie - Steel works.
Aiguilles - Points (Ry.)
Allee - Alley, Narrow road.
Ancien - ne, Anc - Old.
Aquaduc - Aqueduct.
Atrio - Toss.
Avantail - fan-shaped.
Acherne - bare.
Bourin - forked.
Isols - isolated.
penché - leaning.
Arbrissau - Small tree.
Arc - Arch.
Ardouisiere, Ard - Slate quarry.
Arret - Halt.
Aisle - Aisle.
des alimens - Lunatic asylum.
d' - Asylum.
des parvres - Asylum.
de refuge - Asylum.
Auberg, Aub - Inn.
Aune - Alder-tree.
Bac - Ferry.
à traillé - Bath.
Bains - Bathing place.
Bains aux bains - Boom, Bascom.
Baise - Sand-bank.
Barrage - Mud-bank.
Barrage - Dam.
Barrages - Guts, Sills.
Machines à Bascule - Weigh-bridge.
Bassin - Dock, Pond.
d'échouage - Tidal dock.

Bassin de radoub - Dry dock.
Batons phare - Light-ship.
Blanchisserie - Laundry.
B.M. (borne milliare) - Mile stone.
B<sup>o</sup> (borne kilométrique) - Kilometric.
Boulonnerie - Bolt factory.
Bouis - Boop.
Brasserie, Brass - Brewery.
Briqueterie, Briq<sup>o</sup> - Brickfield.
Bris-lance - Breakwater.
Bureau de poste - Post office.
de douane - Custom house.
Butte - Butt, Mound.
Cabane - Hut.
Cabaret, Cab<sup>o</sup> - Inn.
Cable sans marin - Schmarine cable.
Calvaire, Cal<sup>o</sup> - Calvary.
Canal de dessèchement - Drainage canal.
Canal d'irrigation - Irrigation canal.
Fab<sup>o</sup> de caoutchouc - Rubber factory.
Carrière, Carr<sup>o</sup> - Quarry.
de gravier - Gravel-pit.
Casernes - Barracks.
Champ de courses - Race course.
manoeuvres - Drill ground.
tir - Rifle range.
Building yard.
Ship yard.
Chantier de construction - Ship-way.
Chapelle, Ch<sup>o</sup> - Chapel.
Charbonnage - Colliery.
Château d'eau - Water tower.
Chaussee - Causeway.
Chemins de fer - Highway.
Chemins, Ch<sup>o</sup> - Railway.
Hut.
Chêne - Oak tree.
Cimetière, Cim<sup>o</sup> - Cemetery.
Clocher - Belfry.
Closterie - Nail factory.
Colombier - Dove-cot.

Corn - Workmen's dwellings.
Cour aux marchands - Goods yard.
Couvent - Convent.
Crassier - Slag heap.
Cruce - Cross.
Darse - Inner dock.
Dinail - e - Destroyed.
Détruit - e, Détr<sup>o</sup> - Destroyed.
Déversoir - Weir.
Digues - Dyke, causeway.
Distillerie, Dist<sup>o</sup> - Distillery.
Douane - Custom-house.
Bureau de douane - Custom warehouse.
Entrepôt de douane - Custom warehouse.
Dynamitère, Dynam<sup>o</sup> - Dynamite magazine.
Dynamitère - Dynamite factory.
Ecluse - Sluice, Lock.
Ecluse, Ecl<sup>o</sup> - Sluice.
Ecole - School.
Ecurie - Stable.
Eglise - Church.
Emballerie - Basket works.
Embarcadere, Emb<sup>o</sup> - Landing-place.
Estaminet, Estam<sup>o</sup> - Inn.
Etang - Pond.
Fabrique, Fab<sup>o</sup> - Factory.
Fab<sup>o</sup> de produits chimiques - Chemical works.
Fab<sup>o</sup> de faïence - Pottery.
Faissonerie - Pottory.
Fermes, Fer<sup>o</sup> - Farm.
Fusture, Fust<sup>o</sup> - Spinning mill.
Fonderie, Fond<sup>o</sup> - Foundry.
Fontaine, Font<sup>o</sup> - Spring, fountain.
Forêt - Forest.
Forme de radoub - Dry dock.
Forge - Smithy.
Fosse - Mine, Pit.
Fossé - Moat, Ditch.
Four - Kiln.
à chaux - Lime-kiln.

Four à coke - Coke oven.
Gastrie - Olive factory.
Gare - Station.
Gare - Warehouse.
Garnison - Garrison.
Gasmètre - Gasometer.
Glacerie - Mirror factory.
Fab<sup>o</sup> de glaces - Ice factory.
Glaciers - Ice factory.
Grue - Crane.
Gut - Ford.
Guitrie - Sentry-box, Turret.
à signaux - Signal-box (Ry.)
Halle - Hall.
Hangar - Shed, Hanger.
Hôpital - Hospital.
Hôtel-de-Ville - Town hall.
Houillère - Colliery.
Huilerie - Oil factory.
Imprimerie, Imp<sup>o</sup> - Printing works.
Jede - Pier.
Laminerie - Rolling mills.
Ligne de haute - High water mark.
Leine marée - Low.
de basse marée - Low.
Maison Forestière - Forester's house.
Mairie - Mah-house.
Marbrerie - Marble works.
Marais - Marsh.
Marais salant - Salt marsh.
Marché - Market.
Mars - Pond.
Meule - Mill.
Minaire - Mine.
Monastère - Monastery.
Moulin, M<sup>o</sup> - Mill.
à vapeur - Steam mill.
Mur - Wall.
crénelé - Loop-holed wall.

Nacelle - Ferry.
Orme - Elm.
Orphelinat - Orphanage.
Ouvraie - Oaker-beds.
Ouvrage - Fort.
Ouvrages hydrauliques - Water works.
Papeterie - Paper-mill.
Parc - Park, yard.
aérostatique - Aviation ground.
à charbon - Coal yard.
à pétrole - Petrol store.
Passage à niveau P.N. - Level-crossing.
Passelle, Pass<sup>o</sup> - Foot-bridge.
Peupinière - Nursery-garden.
Peuplier - Poplar tree.
Phare - Light-house.
Pilier, Pil<sup>o</sup> - Post.
Plaine d'exercice - Drill ground.
Pompe - Pump.
Ponçon - Culvert.
Pont - Bridge.
à levée - Drawbridge.
Cost-guard.
Poteau de garde - Rolling station.
Station - Station.
Poteau de côté - Post.
Poterie - Pottery.
Poudrière, Poud<sup>o</sup> - Powder magazine.
Magasin à poudre - Powder magazine.
Prie d'eau - Water supply.
Puits - Pit-head, Shaft, Well.
à arrosage - Artesian well.
à ventilation - Ventilating shaft.
de sondage - Boring.
Quai - Quay, Platform.
aux bestiaux - Cattle platform.
aux marchandises - Goods platform.
des diées - diées.
Raccordement - Junction.
Raffinerie - Refinery.
de sucre - Sugar refinery.
Best-root factory.
Râperie - Best-root factory.

Remblai - Embankment.
Remise des Machines - Engine shed.
Réservoir, Rés<sup>o</sup> - Reservoir.
Route cavalière - Drille road.
Rubannerie - Ribbon factory.
Ruines - Ruins.
En ruines - Ruins.
Sablière - Sand-pit.
Sablonnière, Sablon<sup>o</sup> - Sand-pit.
Sapin - Fir tree.
Saucis - Willow tree.
Saurerie - Salt works.
Sciérie, Sci<sup>o</sup> - Saw-mill.
Sondage - Boring.
Source - Spring.
Sucrerie, Suc<sup>o</sup> - Sugar factory.
Tannerie - Tannery.
Tir à la cible - Rifle range.
Tissage - Weaving mill.
Tôle - Rolling mill.
Tombeau - Tomb.
Tour - Tower.
Tour à bois - Post-log, Post-bed.
Tourne - Small tower.
Tuilerie - Tile works.
Usine à gaz - Gas works.
électrique - Electricity works.
d'électricité - Electricity works.
métallurgique - Metal works.
à agglomération - Briquette factory.
Verrerie, Ver<sup>o</sup> - Glass works.
Vivier - Viaduct.
Vivier - Fish Pond.
Voie de chargement - Siding.
de déchargement - Siding.
de fer - Siding.
de manoeuvre - Siding.
Zingerie - Zinc works.

INDEX TO ADJOINING SHEETS. A grid table with numbers 1-20 in both directions.



Handed over to 3rd Aust San. Section 28/9/18.

APPENDIX

Sanitary works existing in the area handed over to 3<sup>rd</sup> Aust. San. Section 28.9.18.

~~SYNOPSIS OF WORK EXISTING IN THE AREA UNDER THE SUPERVISION OF~~ <sup>by</sup> 2<sup>nd</sup> Aust. Sanitary Section

2<sup>ND</sup>  
AUSTRALIAN  
SANITARY SECTION.

AREA Peronne Area  
Australian Camps ARMY 4<sup>th</sup>.

FOR MONTH ENDING. 28.9.18. 1918.

Situation	Latrines Tug. Roofed and-Screened.	Seats on Latrines	Urinals	Inciner- -ators	Grease Traps	Ablution Benches	Meat Safes	Soakage ...s.	Baths	Manure Dumps	Refuse Pits	Notice Boards Erected	Laundries or other Sanitary Fixtures.
Peronne & Doigt Area	96 + 15 - 12 (incomplete)	314 + 54 - 45	81 + 7	17 + 3	23 + 1	19	21	112	2	-	51		7 soap traps
Halle at St Quentin Feuillescourt Area	95 + 3	247 + 10	82 + 3	26 + 1	21 + 1	17	?	38	2 (camp)	1	67		-
Bussu Bussle Beure Area	82 + 4	287 + 12	61 + 4	5	9	6	6	8	1	1	36	116 notices erected.	-
<b>Total</b>	285 + 22	893 + 76	224 + 14	48 + 4	53 + 2	42	27	158	5	2	154	116	
<b>Amended Total.</b>	<b>307</b>	<b>969</b>	<b>238</b>	<b>52</b>	<b>55</b>	<b>42</b>	<b>27</b>	<b>158</b>	<b>5</b>	<b>2</b>	<b>154</b>	<b>116</b>	

Signature. M. Holmes Capt. 28/9/18.

APPENDIX  
2<sup>ND</sup>  
AUSTRALIAN  
SANITARY SECTION.  
No. 7  
Date.....

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