



TE MUKANUI ROAD – LINTON MAIN DRAIN



LINTON MAIN DRAIN

LOWER MANAWATU SCHEME
SELF HELP MONITORING and RESPONSE GROUPS
(SHMRG)
OPERATIONAL RESPONSE PLAN

Revised March 2013

SELF HELP MONITORING
and
RESPONSE GROUPS (SHMRG)
OPERATIONAL RESPONSE PLAN

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LOWER MANAWATU SCHEME (LMS)

SELF HELP MONITORING & RESPONSE GROUPS (SHMRG)

OPERATIONAL RESPONSE PLAN

PURPOSE OF SELF HELP MONITORING/RESPONSE GROUP (SHMRG)

The Self Help Monitoring and Response Group is an informal group of community minded farmers who have volunteered to monitor river levels and LMS flood protection infrastructure during major flood events; to communicate information to Horizons Regional Council (HRC); and to respond with practical measures as directed.

ROLE AND RESPONSIBILITIES

Members of the SHMRG have volunteered to monitor pre-allocated sections of stopbank and associated flood protection infrastructure once alerted by HRC staff at a pre-determined river level. Maps and schedules included in this document show the section of river allocated to each of the SHMRG sub-group leaders and identify the key people available to assist in monitoring those respective sections. Sub-group leaders are expected to communicate information on flood levels and stopbank condition and performance to Horizons Emergency Operations Centre (EOC).

The role of the leader of each sub-group is to:

1. Receive requests from the EOC to initiate monitoring.
2. Establish rosters, communicate with team members and co-ordinate monitoring of the allocated section of river on a 24hr basis.
3. Periodically report to the Operations Manager in the EOC on the condition and performance of flood protection works.
4. Initiate sand bagging operations on own initiative where there is a risk of localised over-topping.
5. Access materials from scheduled depots and utilize farm machinery to assist with loading out and transport of materials.
6. Be cognisant of the safety and welfare of team members.

No other physical response measure should be undertaken without the approval of, or clear direction from, the EOC Operations Manager.

Membership of the SHMRG attaches no responsibility for the adverse effects of flooding that might arise irrespective of the members' efforts. Members are community-minded individuals who appreciate that local communities may have to stand alone during major flood events and have volunteered accordingly to be part of an informal yet co-ordinated response. The voluntary nature of the assistance provided, together with the overview provided by Council staff, preclude any liability attaching to SHMRG members.

ACTIVATION AND TRIGGER LEVELS

SHMRG leaders will be contacted by telephone and requested to initiate monitoring activities when one of the following specified flood warning trigger levels is reached:

- Manawatu River 50 year return period flood,
- Oroua River 20 year return period flood,
- Minor tributaries (Linton Main Drain, Tokomaru River, Mangaone Stream, Kara Creek, Mangapukatea Stream, Makino Stream).
- Localised heavy rainfall may dictate an earlier trigger level.

RESOURCES

It is intended that each sub-group will generally be self-sufficient however, requests for additional assistance with manpower, machinery or materials will be considered by the EOC in relation to the demands of the wider emergency.

HRC will not accept responsibility for any costs incurred for the purchase of materials or hire of machinery where prior approval has not been given.

USE OF MATERIALS

Depots have been established at key locations throughout the scheme area, for the storage of sand and bags. It is expected that team leaders will be familiar with depot locations and will have direct access to those without assistance from Horizons Regional Council staff. The materials stockpiled at these depots are only to be used in an emergency. Horizons regularly inspect and maintain the materials at these depots. The five depots currently established are shown on the map overleaf and in the table below:

Location	Materials on Site
Horizons Regional Council Depot at Kairanga	Sand & 3000 bags, 200 ready made bags
Richard Algar's Yard, Rongotea	Sand & 1000 bags; 100 ready-made bags
Jamie Goodlass's Yard, 181 Campbell Road	Gravel & 1000 bags; 100 ready-made bags
Moutoa Spillway Gates	Sand & 1000 bags; 100 ready-made bags
John Williams Shed, Otauru Road, Shannon	1000 bags; 100 ready-made bags

HEALTH AND SAFETY

Members of the SHMRG will not be working under Horizons supervision and will therefore at all times be responsible for making their own assessments of hazards and managing their own personal safety, just as they would when working on their own farms.

COMMUNICATIONS

Activation of the SHMRG will be by telephone call to team leaders from the EOC. Group leaders can also initiate contact with the EOC by calling the Horizons Call Centre, **0508 800 800**, asking for the “EOC Operations Manager” and identifying themselves as a SHMRG Group Leader.

On initial contact with the Operations Manager, a dedicated phone contact number may then be allocated.

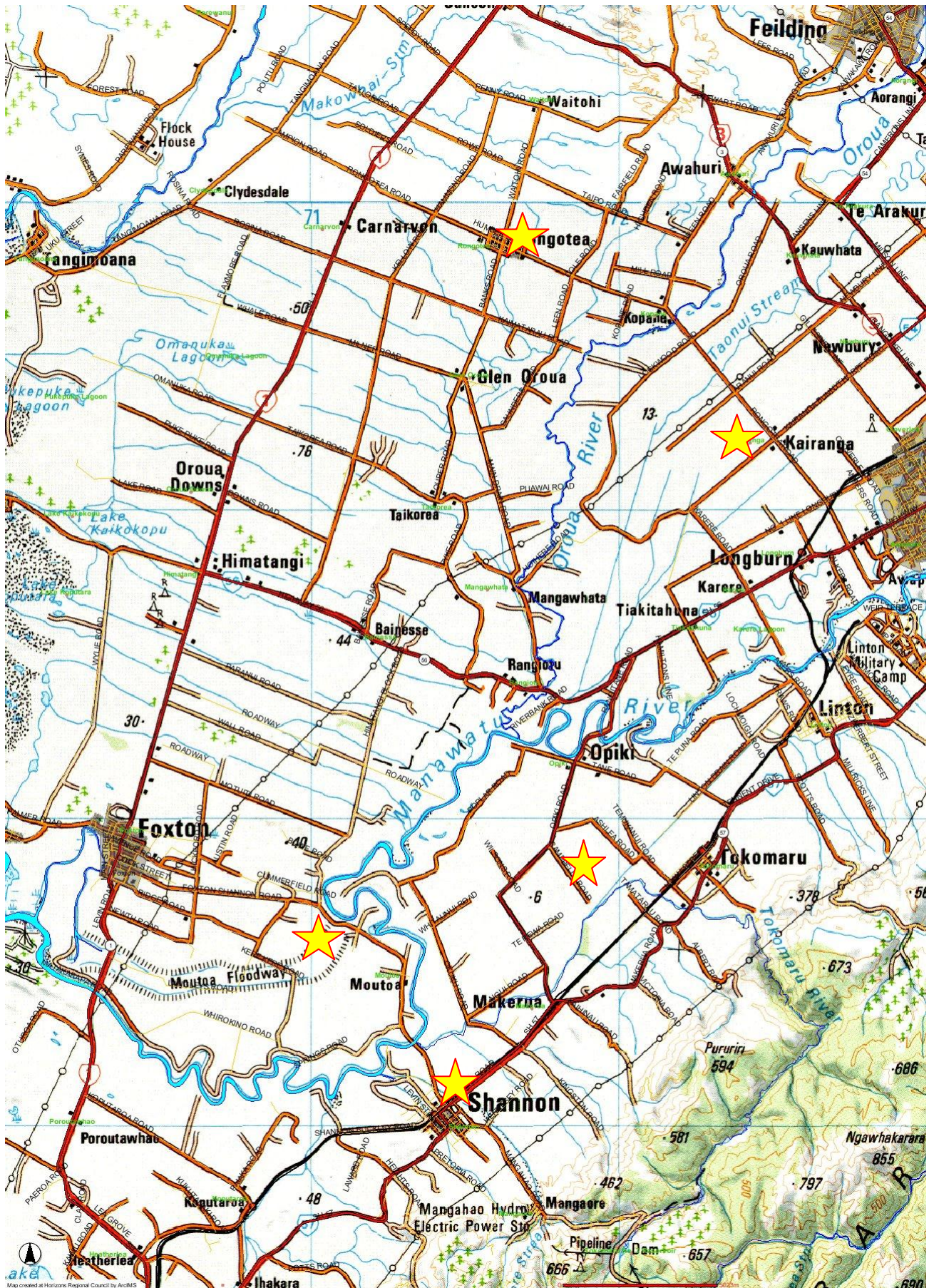
The SHMRG has an important part to play in a major emergency response and as such is an officially recognised group within the EOC.

GROUP MEETINGS/PLAN REVIEWS

The Area Engineer is required to convene meetings of the SHMRG at intervals not exceeding two years. Matters to be discussed shall include:

Updating membership and contact details for the respective groups;
Reviewing operational procedures; and
Recognising Council’s appreciation for the voluntary participation of group members.

The Operational Plan shall be reviewed to reflect any damages arising from the meetings and revised copies shall be forwarded to all current SHMRG members.



LOCATION OF MATERIALS FOR FLOOD DAMAGE CONTROL

Moutoa Spillway Gates; John Williams, Shannon; Jamie Goodlass Yard, Campbell's Road;
Horizons Regional Council Depot, Kairanga; Richard Algar Yard, Rongotea.

(Revised March 2013)



SELF HELP MONITORING AND RESPONSE GROUP MOUTOA STORAGE SHED

Scale 1 : 8000

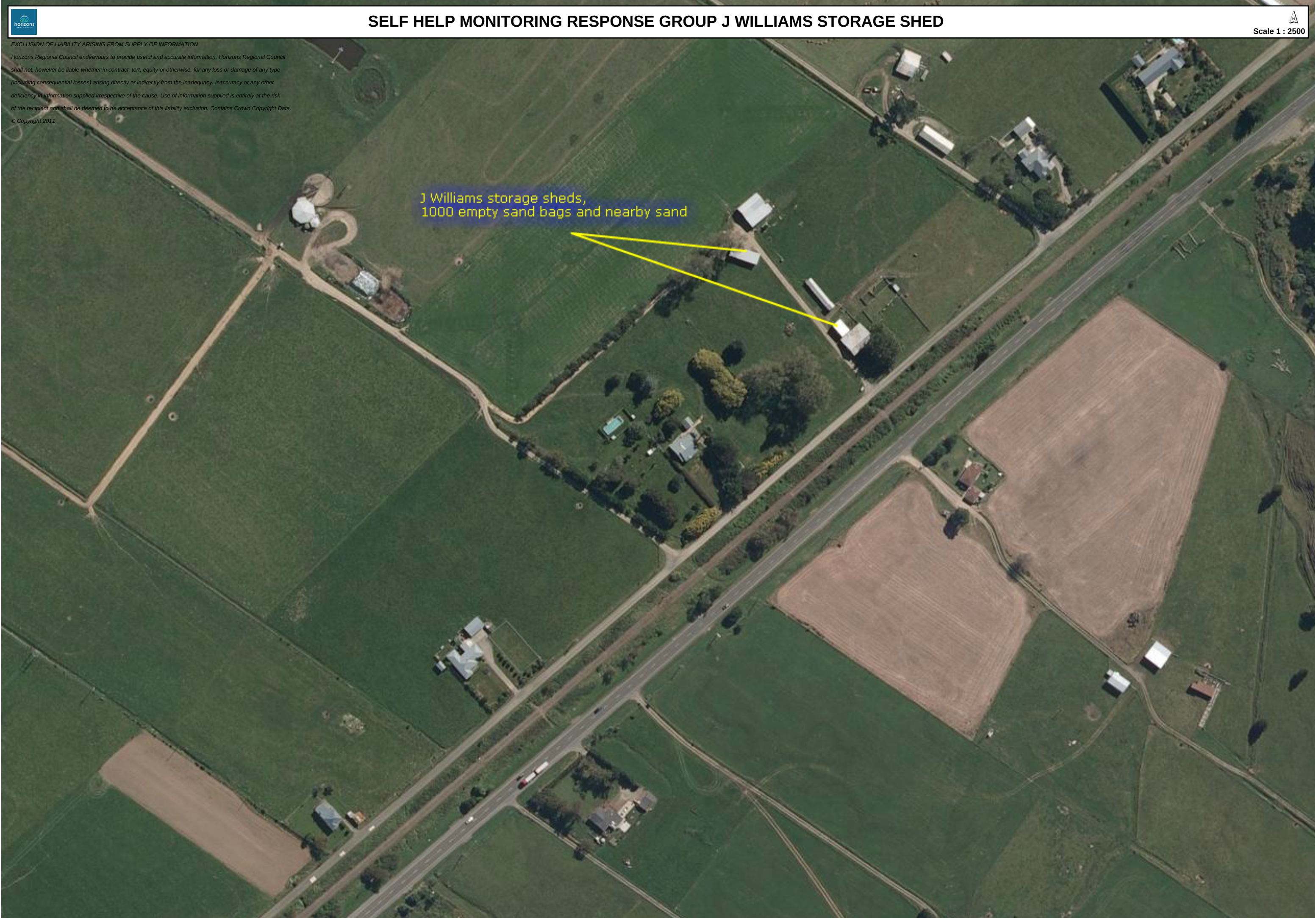
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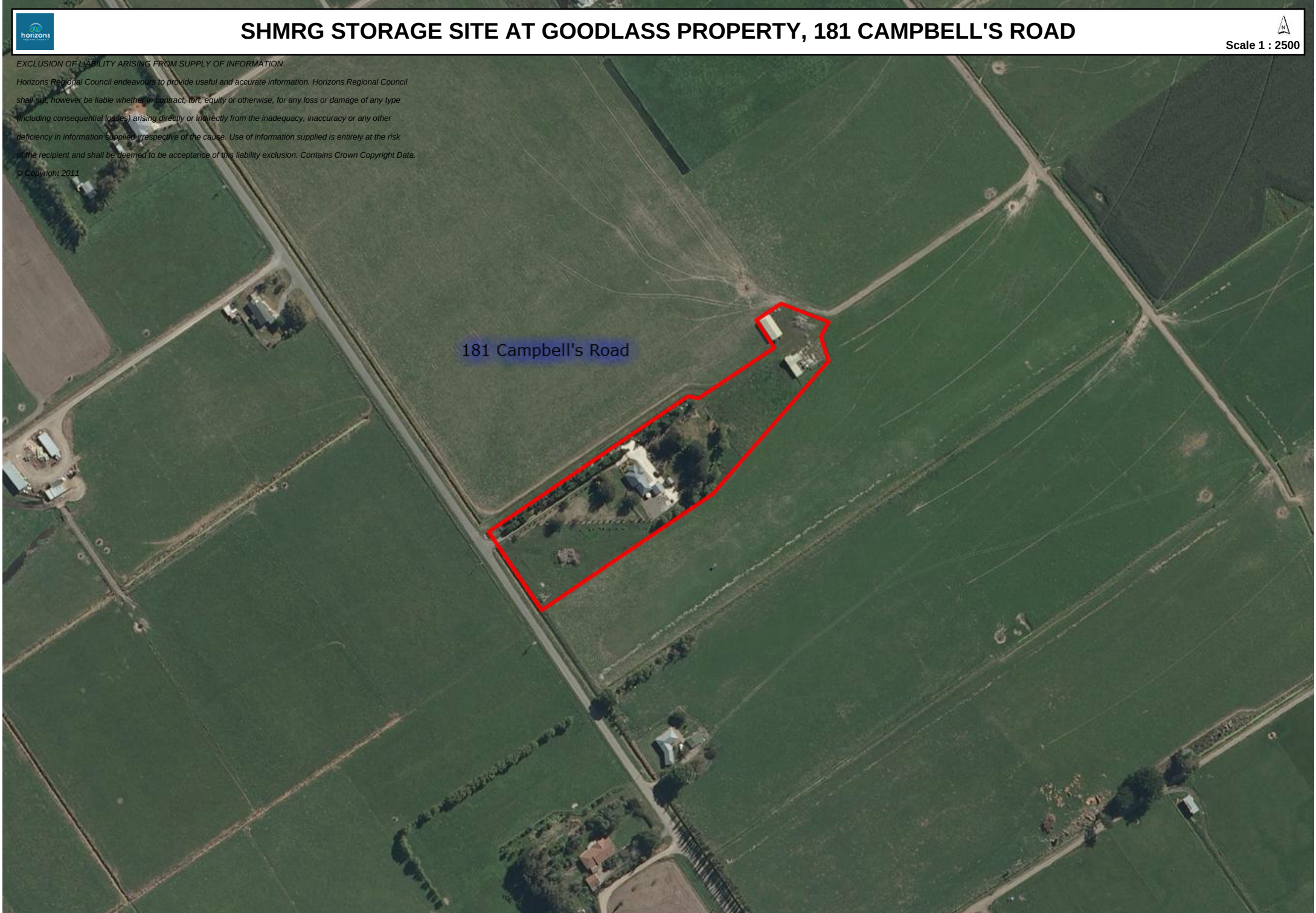


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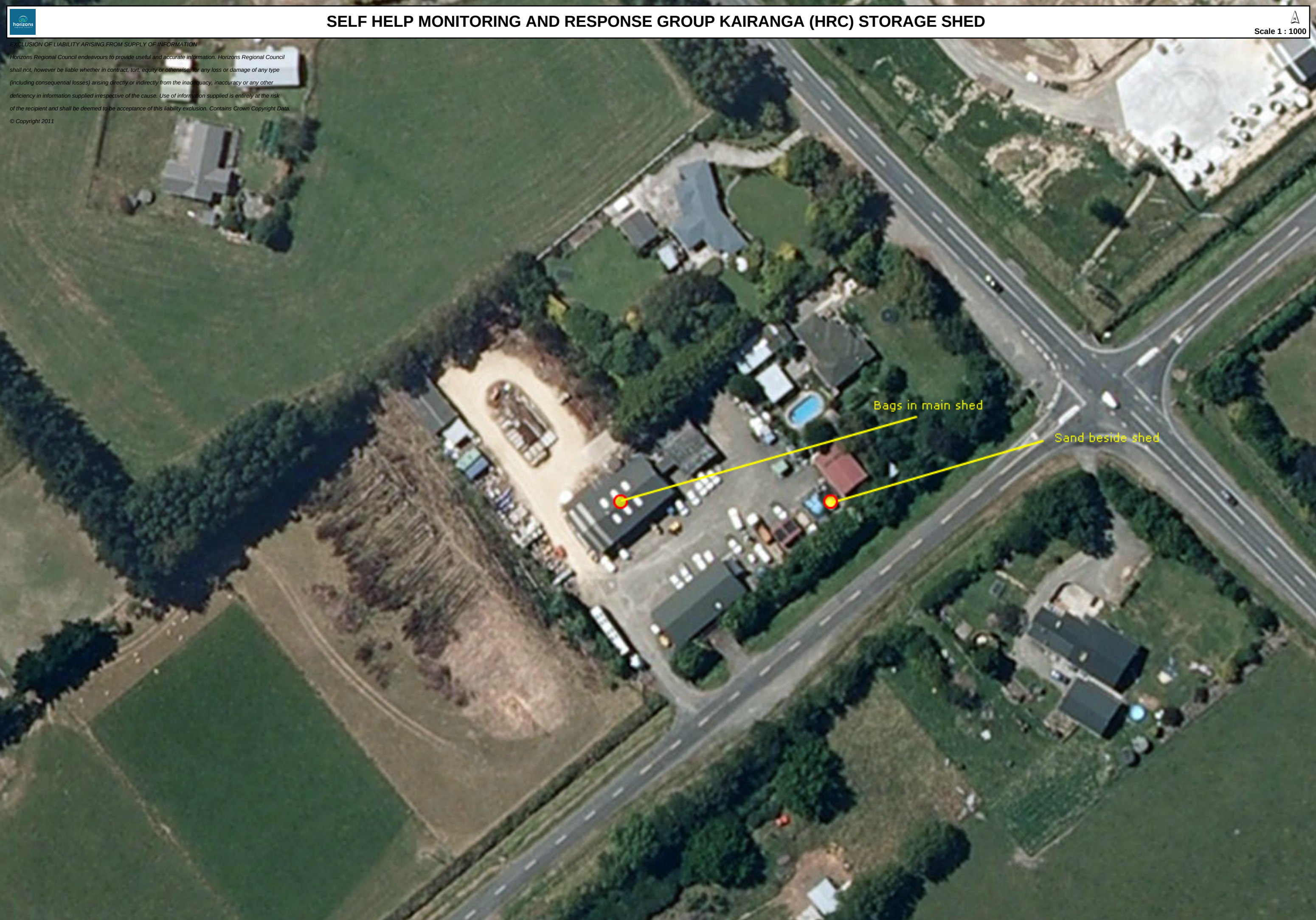
181 Campbell's Road



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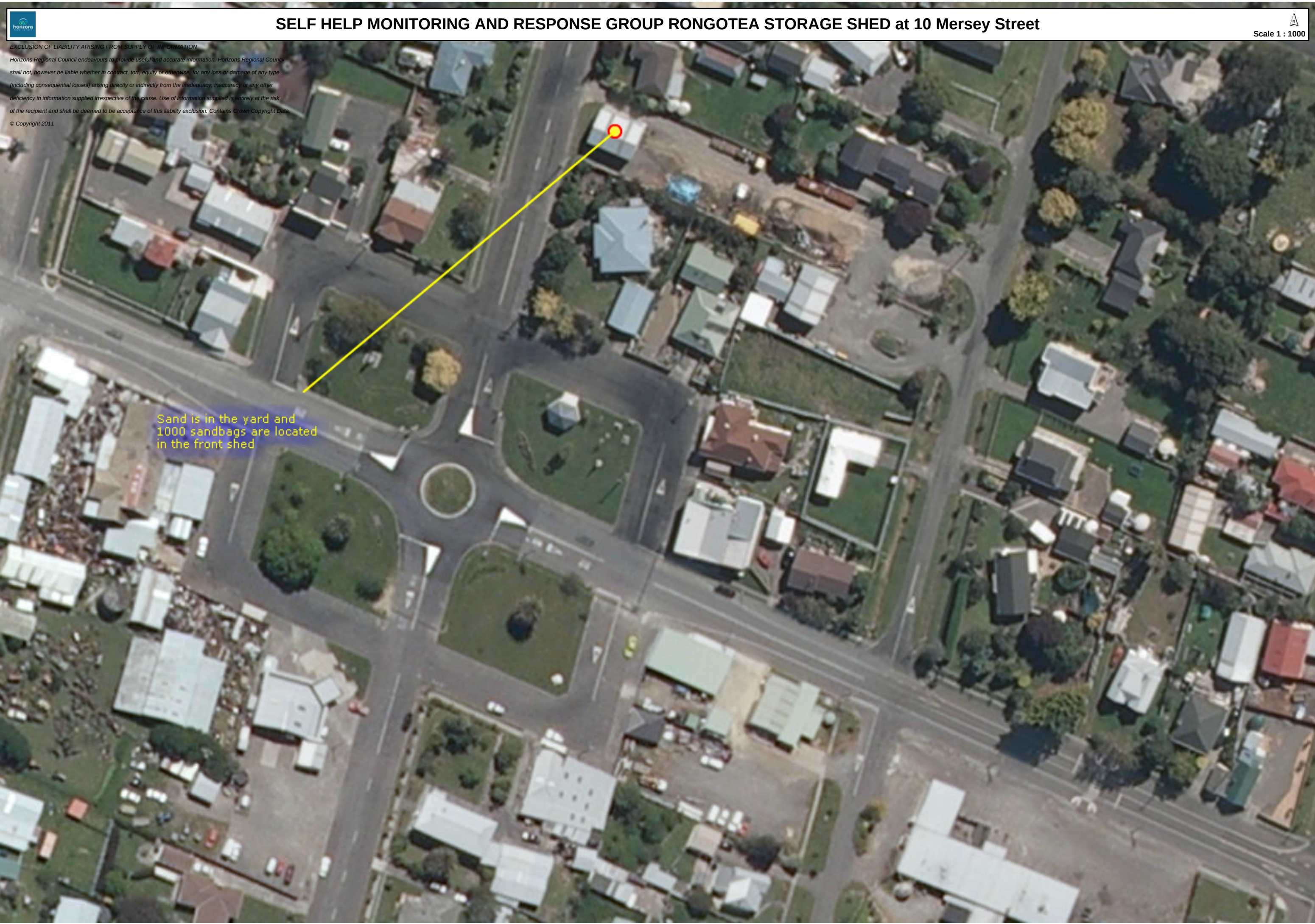


SELF HELP MONITORING AND RESPONSE GROUP RONGOTEA STORAGE SHED at 10 Mersey Street

Scale 1 : 1000

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Sand is in the yard and
1000 sandbags are located
in the front shed

SELF HELP MONITORING AND RESPONSE GROUP

1. MANAWATU RIVER

MAP #	RIVER REACHES	GROUP LEADER	CONTACT
1.0	Foxton Beach upstream to State Highway Key People Rob Mather - 06 3637603 or 027 434 0006 Tony Murdoch - 06 363 7481 or 021 710 759 Ian Speirs - 06 363 6670 or 0274 451 904	Right Bank Ian Speirs	0274 451 904 06 363 6670
1.1	State Highway upstream to Aratangata Key People Malcolm Guy - 06 329 0898 or 0274 396 390	Left Bank	
1.1	Aratangata upstream to Koputaroa Key People Geoff Webb - 06 368 5870	Left Bank	06 368 5870
1.1	Koputaroa upstream to Mangaore Key People Murray Moxham - 06 368 9098 or 0275 413 665	Left Bank	0274 454 157
1.2	Mangaore upstream to Tokomaru Key People John Williams - 027 245 9451	Left Bank	
1.3	Tokomaru upstream to Poplar Road Ext Key People Terry Olsen - 06 362 7499 or 0274 437 967 John Seymour - 06 329 1885 or 0274 424 706 Tim Olsen - 06 362 7511 or 021 024 09089	Left Bank	06 329 1843 021 450 632
1.4	Poplar Road Ext upstream to Opiki Bridge Key People Conrad Olsen - 0274 400 836 Lyall Croad - 06 329 1713 or 027 324 5844 Christian Funnell - 06 329 1858 or 027 273 8543	Left Bank	Michael McAloon
1.5	Opiki Bridge upstream to Akers Road Key People Braeden Whitelock - 0274 464 233 Duncan Campbell - 06 329 1887 or 027 449 7457 Clive Akers - 06 329 1822	Left Bank	06 325 8616 0274 464 233
1.1	State Highway upstream to Kerekere Road Key People Landcorp Brian Wilkinson (Mgr) - 027 430 1306 Kyle Falconer - 027 218 8136 David Fitch - 027 218 8139 Brendon Stent - 027 200 1825	Right Bank	
1.2	Kerekere Road upstream to Foxton Shannon Road Key People Chris Whittfield - 06 362 7311 or 021 478 281 Peter Curtiss - 027 265 2659	Right Bank	06 363 8302
1.3	Foxton Shannon Rd upstream to Moutoa Sluice Gates Key People John McErlean - 0274 933 072	Right Bank	0274 933 072
1.3	Moutoa Sluice Gates upstream to Chesham Road Key People Peter McErlean - 06 363 8348 or 0274 934 842 David Cole - 06 363 7324 or 027 491 8925	Right Bank	
1.4	Chesham Road upstream to Rangiotu Bridge Key People Richard Anderson - 06 329 6936 or 0272 826 936 Robert Griffin - 06 329 6841 or 021 517 185	Right Bank	

SELF HELP MONITORING AND RESPONSE GROUP

1. MANAWATU RIVER

MAP #	RIVER REACHES	GROUP LEADER	CONTACT
1.5	Rangiotu Bridge upstream to Opiki Bridge Key People Eric Southee - 06 329 6708 Robert Irvine - 06 329 6989 or 0274 385 413	Right Bank	
1.5	Opiki Bridge upstream to Main Trunk Line Key People Andrew Ebbett - 021 246 1214 Graeme Smith - 0272 311 566 John Callesen - 0274 413 913 Howard Voss - 06 356 9779 or 021 525 348 Jeremy Tocker - 06 329 6773 or 027 357 7388	Right Bank Graeme Smith	06 329 6830 027 231 1566
1.6	Map Deleted		
1.7	Maxwells Line upstream to Gasworks Drain Key People Horizons Regional Council	Right Bank Area Engineer	021 2277 106
1.8	Riverside Drive upstream to Ashhurst Key People Jamie Tait-Jamieson - 06 356 5788 Jim Webb - 0274 758 836 Eddie Jackson - 06 326 8208/ 027 200 7149	Right Bank Jim Webb	0274 758 836

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SELF HELP MONITORING AND RESPONSE GROUP MAP 1.1

Scale 1 : 25000

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MANAWATU RIVER TRUE RIGHT BANK
GROUP LEADER J McERLEAN
Stae Highway to Kerekere Rd- Landcorpe B Wilkinson, K Falconer, D Fitch, B Stent

MANAWATU RIVER TRUE LEFT BANK
Group Leader G Webb
State highway to Aratangata-M Guy
Aratangata to Kopuataroa-G Webb

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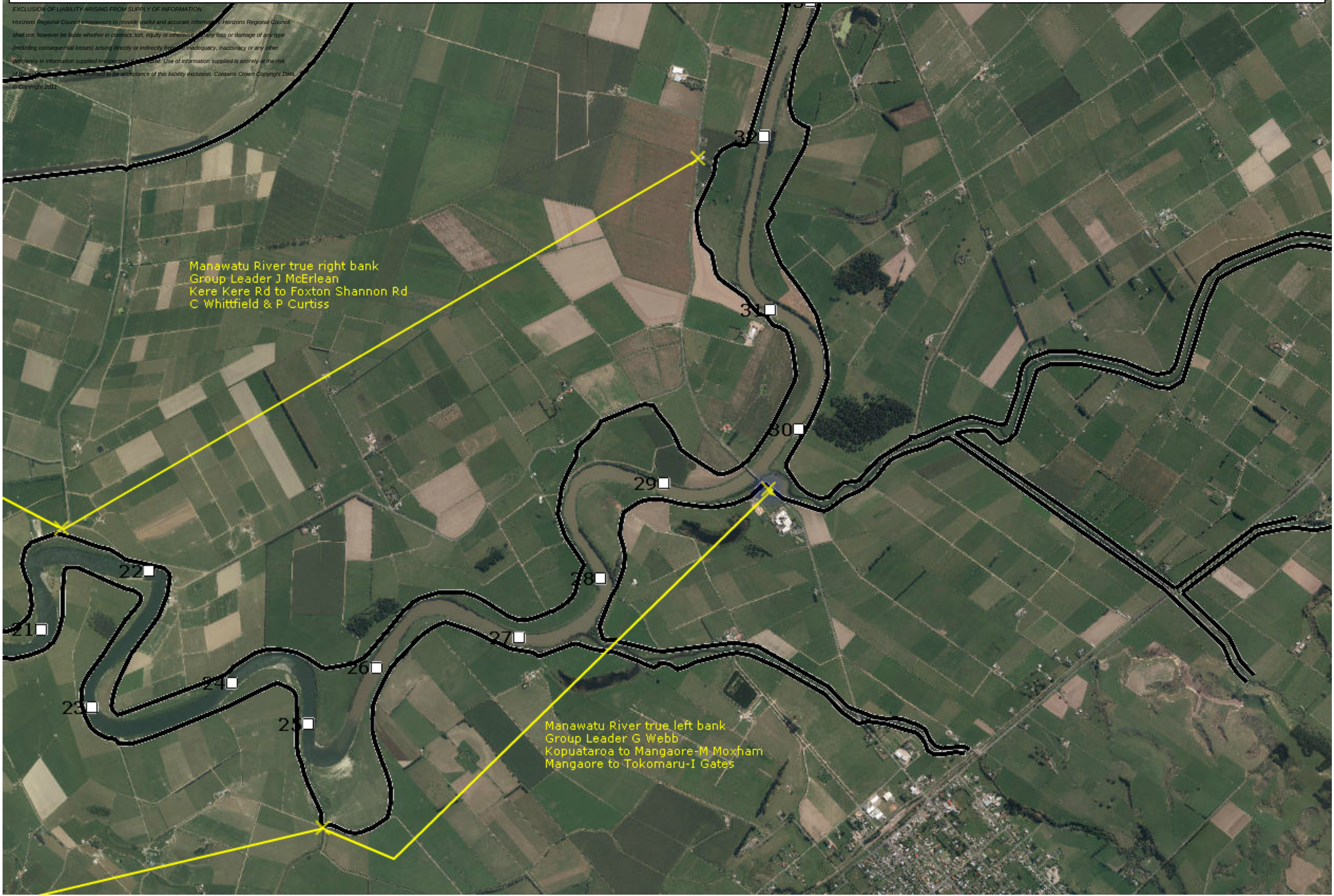
SELF HELP MONITORING AND RESPONSE GROUP MAP 1.2

Scale 1 : 25000

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Manawatu River true right bank
Group Leader J McErlean
Kere Kere Rd to Foxton Shannon Rd
C Whittfield & P Curtiss

Manawatu River true left bank
Group Leader G Webb
Kopuataroa to Mangaore-M Moxham
Mangaore to Tokomaru-I Gates



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ay
peirs

Manawatu River True right bank
Group Leader J McErlean
Foxton Shannon Rd to Moutoa Gates-J McErlean
Moutoa Gates to Chesham Rd-J McErlean & D Cole

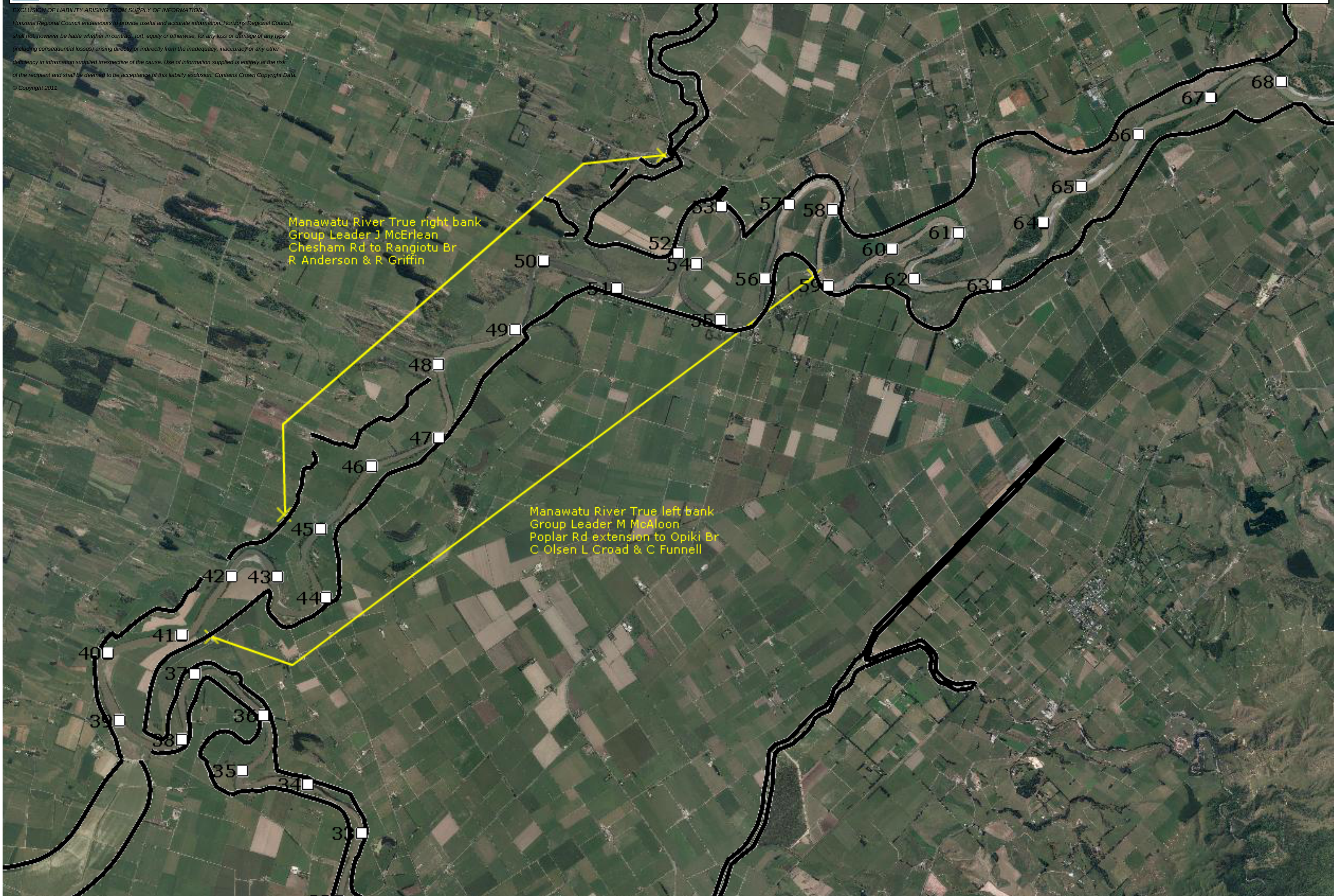
Manawatu River True left bank
Group Leader M McAloon
Tokomaru to Poplar Rd extension
T Olsen & J Seymour

MANAWATU RIVER TRUE LEFT BANK

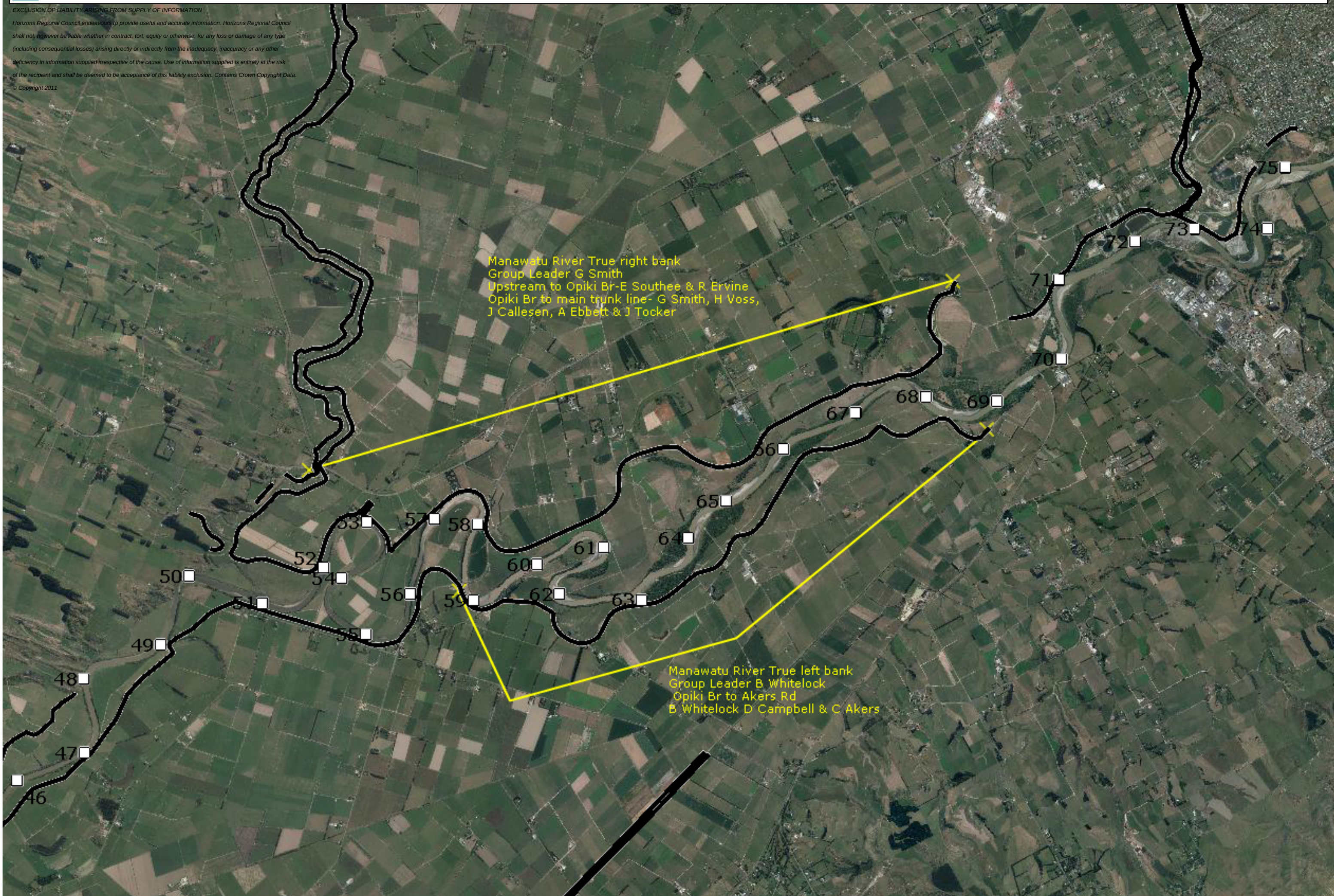
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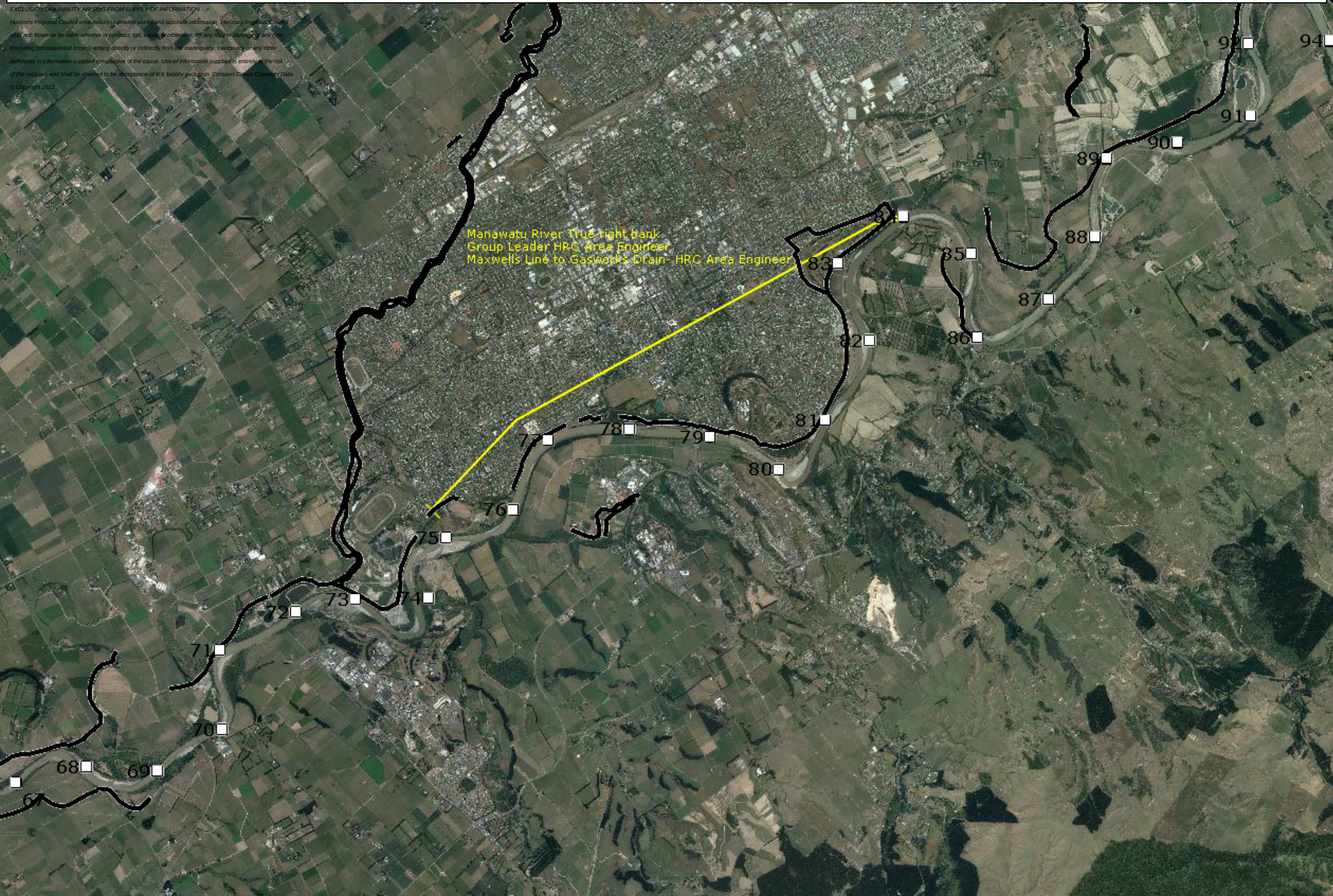




SELF HELP MONITORING AND RESPONSE GROUP MAP 1.7

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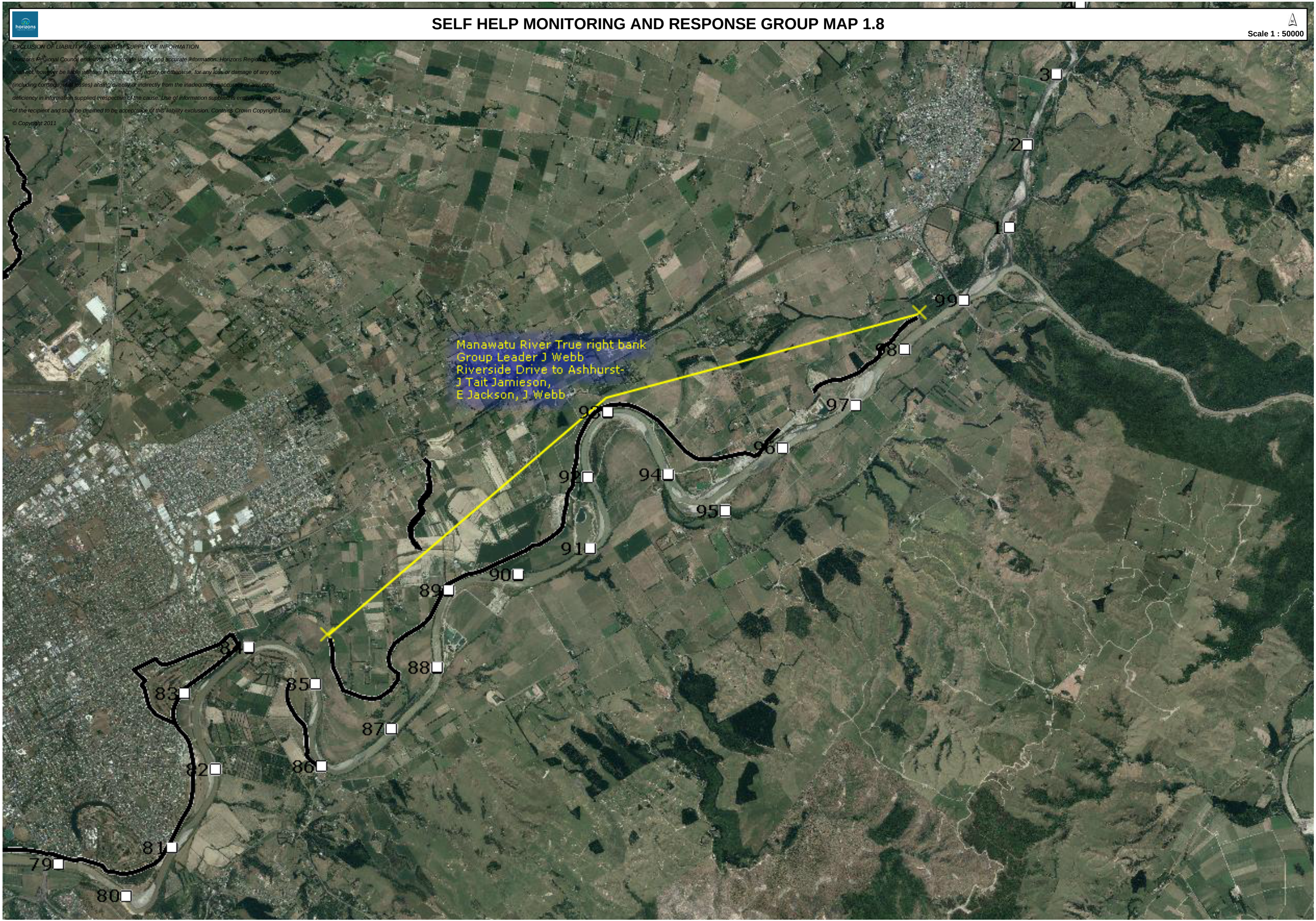
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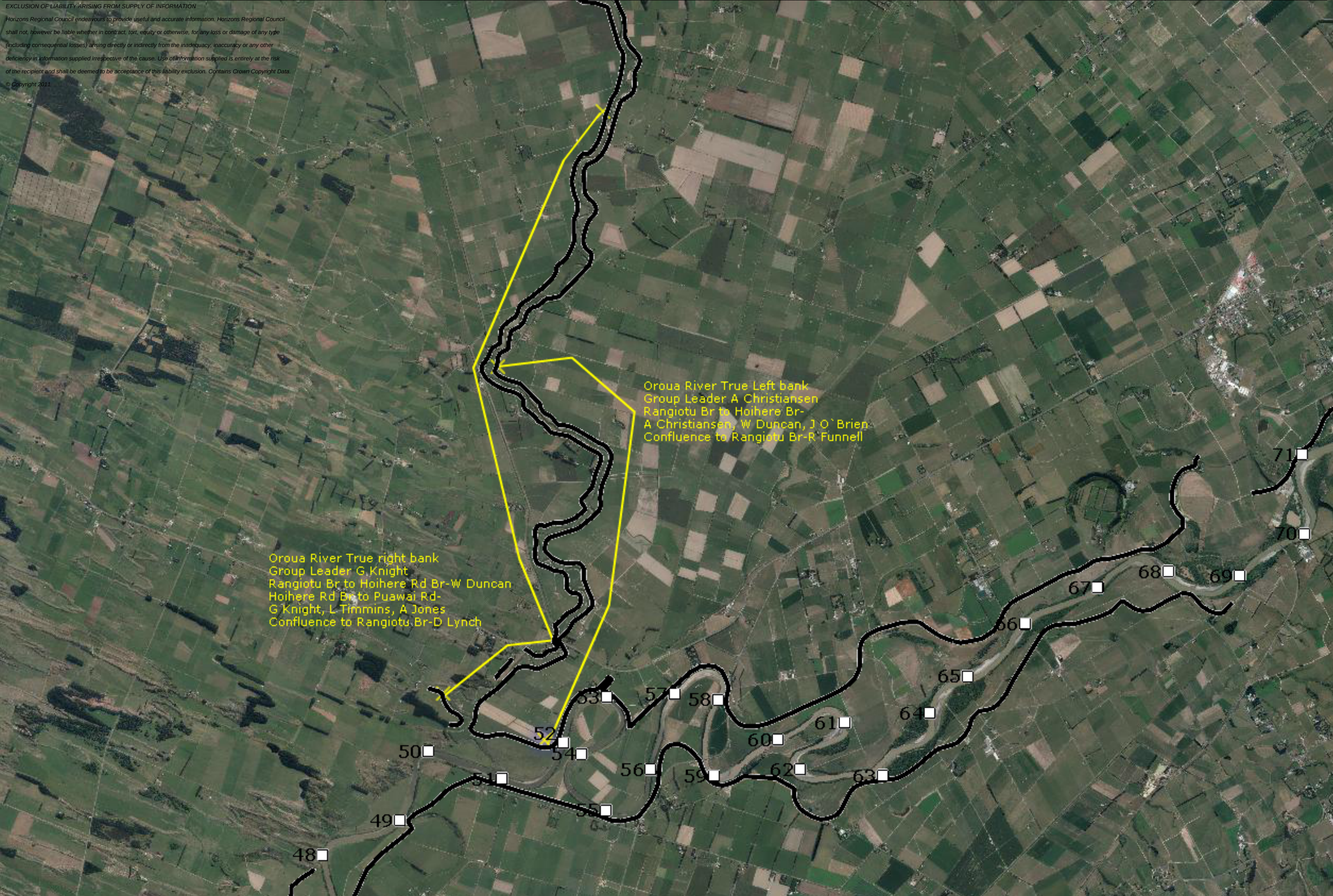


SELF HELP MONITORING AND RESPONSE GROUP

2. OROUA RIVER

MAP #	RIVER REACHES	GROUP LEADER	CONTACT
2.0	Rangiotu Bridge upstream to Hoihere Bridge Key People Willie Duncan 06 364 8658 or 0274 431 998	Right Bank	
2.0	Hoihere Bridge upstream to Puawai Road Key People Gary Knight 0274 970 188 Larry Timmins 027 235 6945 Alexander Jones 06 329 7745 Richard Trembath 0274 993 992	Right Bank Gary Knight	06 329 6760 0274 970 188
2.1	Puawai Road upstream to Kaimatarau Road Key People Brian Saunders 0274 528 044 Chris Russell 027 243 0166 Chris Amey 06 324 8750	Right Bank	
2.2	Kaimatarau Road upstream to Kopane Bridge Key People Brian Hill 0274 431 560 Guy Pinkney 06 329 4116 Gareth Reesby 027 249 2917 Russell Fleming 0274 502 710	Right Bank	
2.2	Kopane Bridge upstream to Awahuri Bridge Key People Barry Murphy 06 324 8166 Alistair Rowe 0275 887 575 LIC/ Lance Pettigrew 027 276 3515	Right Bank Alistair Rowe	06 324 7217 0275 887 575
2.3	Boness Road upstream to Aorangi Bridge Key People Ken Thurston 0274 423 962 MDC/ Albert James 027 242 4983	Right Bank	
2.0	Confluence upstream to Rangiotu Bridge Key people Dion Lynch 027 457 5051 Roy Funnell 027 441 4076	Right bank Left Bank	
2.0	Rangiotu Bridge upstream to Hoihere Bridge Key People Alan Christensen 06 329 6855 or 021 246 0866 Willie Duncan 0274 431 998 John O'Brien 0274 445 574	Left Bank	021 246 0866 06 329 6855
2.1	Hoihere Bridge upstream to Kaimatarau Rd East Key People Hugh Anderson 06 329 6790 Charles Mudford 06 329 6815 Geof Sanson 0274 475 842 Bruce Hockley 0274 842 702 Graham Mills 06 329 0733 Chris Print 021 707 626 Agresearch/Steve Lees 027 250 9409 Michael Hedley 06 329 0919 Kester Passey 06 329 0721	Left Bank Alan Christensen	
2.2	Kaimatarau Rd East upstream to Kopane Bridge Key People Kevin Mossop 021 181 3089 Jamie Frecklington 027 231 0885 Nigel Sexton 0274 514 003	Left Bank	
2.2	Kopane Bridge upstream to Awahuri Bridge Key People Trevor Pearson 329 0882 Mike Edwards 021 165 2949 Michael Harnett 06 357 4976 or 021 473 422 Murray Guy 0274 396 390 Margaret Fitzpatrick 06 329 0711 Warren Hunt 021 329 025 Fred Gorton 021 518 249 Dennis Leckie 027 204 9992 Helen Kuhne 027 677 4650	Left Bank Murray Guy	06 329 0898 0274 396 390

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Oroua River True right bank
Group Leader G Knight
Puawai Rd to Kaimatarau Rd-
B Saunders,
C Russell & C Amey

Oroua River True Left bank
Group Leader A Christiansen
Hoihere Rd Br to Kaimatarau Rd East-
G Sanson, B Hockley, C Print, Ag Research

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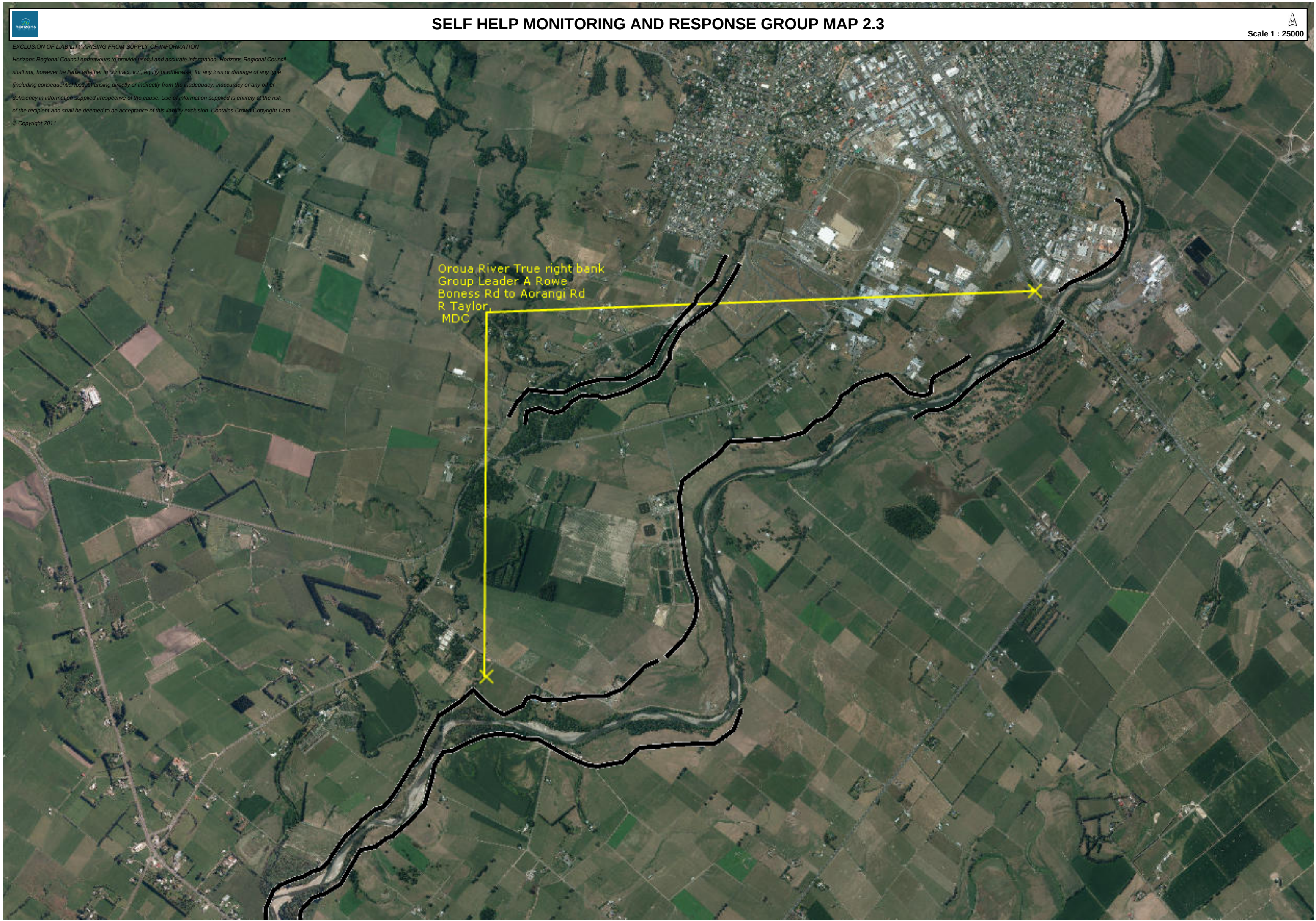
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Oroua River True right bank
Group Leader A Rowe
Kaimatarau Rd to Kopane Br-
B Hill, G Reesby, R Flemming,
Kopane Br to Awahuri Br-A Rowe,
B Murphy, LIC

Oroua River True Left bank
Group Leader M Guy
Kaimatarau Rd East to Kopane Br-K Mossop,
J Frecklington, N Sexton
Kopane Br to Awahuri Br- M Guy, M Edwards,
W Hunt, & H Kuhne

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Oroua River True right bank
Group Leader A Rowe
Boness Rd to Aorangi Rd
R Taylor,
MDC



SELF HELP MONITORING AND RESPONSE GROUP

3. MANGAORE STREAM

MAP RIVER REACHES
#

GROUP LEADER CONTACT

3.0	Mangaore Stream		Right Bank	
	Key People	Hilton Williams 027 413 1456 Ian August 06 362 7658		
	Mangaore Stream		Left Bank	Hilton Williams
	Key People	Wayne Rider 06 362 7479 or 027 490 012		027 413 1456 06 362 7591

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4. TOKOMARU RIVER

MAP RIVER REACHES
#

GROUP LEADER CONTACT

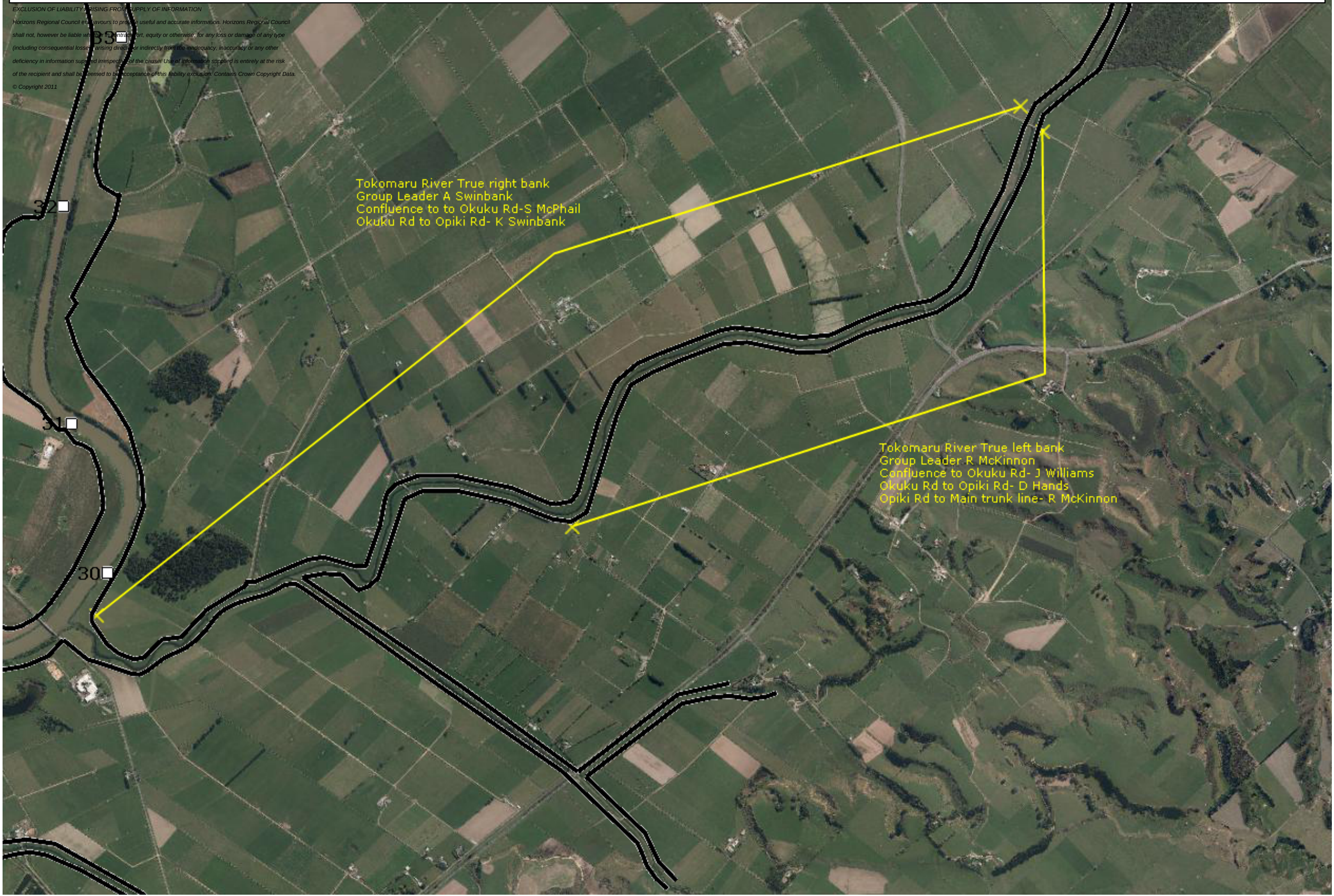
4.0	Confluence upstream to Okuku Road	Right Bank	
	Key People Stuart McPhail 0274 465 456		
4.0	Okuku Road upstream to Opiki Road	Right Bank	
	Key People Adrian Swinbank 06 362 7048 or 021 246 0778		
4.1	Opiki Road upstream to Linton Main Drain	Right Bank	Adrian Swinbank
	Key People Reid McKinnon 0276 588 413		
4.1	Linton Main Drain upstream to Main Trunk Line	Right Bank	
	Key People Phil Ingram 06 329 8086 Phil Ingram 027 246 8085 or 027 303 5850		

4.0	Confluence upstream to Okuku Road	Left Bank	
	Key People John Williams 027 245 9451		
4.0	Okuku Road upstream to Opiki Road	Left Bank	Reid McKinnon
	Key People David Hands 0272 491 985		
4.1	Opiki Road upstream to Main Trunk Line	Left Bank	
	Key People Reid McKinnon 06 362 7100		

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Tokomaru River True right bank
Group Leader A Swinbank
Confluence to to Okuku Rd-S McPhail
Okuku Rd to Opiki Rd- K Swinbank

Tokomaru River True left bank
Group Leader R McKinnon
Confluence to Okuku Rd- J Williams
Okuku Rd to Opiki Rd- D Hands
Opiki Rd to Main trunk line- R McKinnon



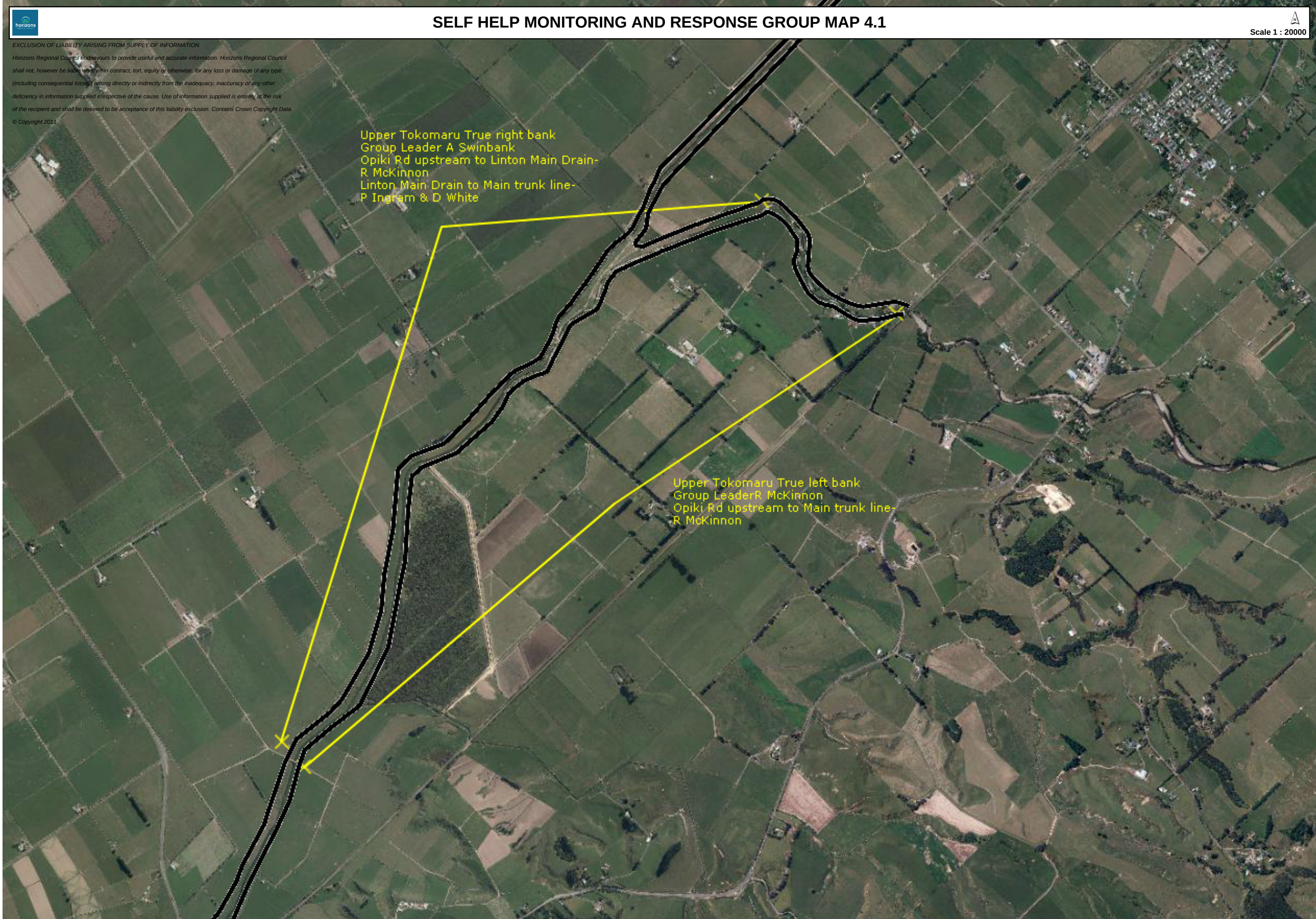
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Upper Tokomaru True right bank
Group Leader A Swinbank
Opiki Rd upstream to Linton Main Drain-
R McKinnon
Linton Main Drain to Main trunk line-
P Ingram & D White

Upper Tokomaru True left bank
Group Leader R McKinnon
Opiki Rd upstream to Main trunk line-
R McKinnon



SELF HELP MONITORING AND RESPONSE GROUP

5. KARA CREEK

MAP **RIVER REACHES**
#

GROUP LEADER

CONTACT

5.0	Kara Creek		Right Bank	John Williams	
	Key People	Neil Hyde Max Corlett	06 362 7245 or 027 307 5969 06 362 7667		027 245 9451 06 367 0159
5.0	Kara Creek		Left Bank		
	Key People	Ian August	06 362 7658		

|



SELF HELP MONITORING AND RESPONSE GROUP MAP 5.0

Scale 1 : 10000

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Kara Creek
Group Leader J Williams
Left bank- I August
Right bank- N Hyde & M Corlett

SELF HELP MONITORING AND RESPONSE GROUP

6. MANGAPUKATEA STREAM

MAP **RIVER REACHES**
#

GROUP LEADER **CONTACT**

6.0	Mangapukatea	Brian Guerin	Right Bank	Brian Guerin	06 362 7948
	Key People		Left Bank		027 244 7717
6.0	Mangapukatea	Brian Guerin			
	Key People				

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7. LINTON MAIN DRAIN

MAP #	RIVER REACHES		GROUP LEADER	CONTACT
7.0	Linton Main Drain Key People	Ken Anderson 06 329 8751 or 027 658 8333 Bernard O'Connor 06 329 1801 or 0274 424 067	Right Bank	
7.0	Linton Main Drain Key People	Barry Gledhill 06 329 8848 or 021 519 190 Phillip Ingram 06 329 8086 Phillip Ingram 027 246 8085 or 027 303 5850 Barry Manderson 06 329 8889 or 027 230 2565	Left Bank Ken Anderson	027 658 8333 06 329 8751

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Linton Main Drain
Group Leader Ken Anderson
Right bank - K Anderson, A Streeter & B O'Connor
Left bank - P Ingram, B Gledhill & B Manderson

