

# **CATEGORY 5: FLOOD PROTECTION**

## **BATCH 1**

# **CATEGORY 5: FLOOD PROTECTION**

## **BATCH 2**

# NELSON CITY COUNCIL PUBLIC CONSULTATION SUBMISSION FORM

**WE WANT YOUR OPINION.  
PLEASE TELL US WHAT YOU THINK.**

*Please type or print clearly. Remember to read the submission writing guidelines before starting.*

Name Andy ESPERSEN Organisation represented (if applicable) \_\_\_\_\_

Address 17 PALM AVE, STOKES

Daytime phone 035476551 Email andersjoan@xtra.co.nz

Do you wish to be heard in support of your submission?  Yes  No # of pages \_\_\_\_\_  
*If you do not tick either, we will assume you do not wish to be heard.*

If yes, would you like to attend an evening session?  Yes  No

**Public information:** All submissions (including the names and contact details of submitters) are public information and will be available to the public and media in various reports and formats including on the Nelson City Council website. Personal information will also be used for administration relating to the subject matter of submissions. Submitters have the right to access and correct any personal information included in any reports, information or submissions.

My submission is: RELATED TO THE CITY INFRA-  
STRUCTURE — IN CONNECTION WITH  
EARTHQUAKE, STORMWATER AND  
FLOOD PROTECTION.

— PLEASE CONSIDER ATTACHED  
TYPEWRITTEN SUBMISSION.  
THE TWO DISTINCT SUBMISSIONS  
ARE WRITTEN AT THE END OF MY  
EXPOSE

*Please attach additional sheets if needed.*

Date Apr 13<sup>th</sup> 2015 Signature Andy Espersen

Office Use Only			
		Submission Number	
File Ref		Initials	

A. C. Espersen,  
17 Palm Avenue,  
Stoke.

### ***YOUR NELSON - YOUR SAY***

Since I first came to Nelson in 1963 Nelson has expanded a lot. It seems to me that during that expansion insufficient consideration was given to well-known geological and climatical facts and circumstances. The Tahunanui suburb can perhaps be excused as not much was known about our Nelson geology, or climate, when people first began living there. But there have been many more recent developments in our city such as, for instance, the areas east of Whakatu Drive, round Monaco, on the hills round Somerset Drive and Panorama Drive in Stoke, the housing development on the old orchards near Saxton Road in Stoke, at Atawhai, the industrial complex between Stoke and Richmond, etc.

We have just witnessed the devastating earthquakes in Christchurch. And it is obvious that the Christchurch City Council had been grossly negligent in their planning. It was well known among New Zealand geologists that there would be many unknown geological faults hidden under the Canterbury sediments. Liquefaction was a well known phenomenon in swampy areas such as Christchurch (it was reported in Kaiapoi during an earthquake in 1907) - and yet, without asking for any advice from geologists (or certainly without taking any) they went ahead and built the new suburb of Bexley. And are you, for example, aware that a survey of Nelson's geology many years ago specifically warned against building homes on the area around what is now Somerset Terrace, just north of the Ngawhatu Sportsground?? We will only need a bit of an earthquake to happen after a period of rain to see the slips appearing.

My house here in Stoke was built on piles in the 1950's. We have to climb three steps each and every time we enter the house. One Sunday afternoon a couple of years ago the clouds gathered : I personally had 110 mm (4 inches) in my back-yard rain gauge in one and a quarter hour! I could have canoed round the house. Our house remained bone-dry. Hundreds of carpets in Stoke and Richmond were ruined just because of a few inches of surface flooding. To my knowledge not one pile-built house was flooded. I know that our stormwater systems have improved greatly since early days; but we simply cannot afford to make such systems able to cope with each and every heavy downpour.

Also during that same downpour many buildings were submerged in up to many feet of water - for instance dozens of houses to the north of Saxton Road, the beautiful, brand-new sports-pavillion (with its expensive, wooden floor) at Saxton Field and the big industrial complex on the west side of Stoke Main Road. It does not take a rocket scientist to figure out that if you dam a large stream in a low lying area with a road (Saxton Road) and a major highway (Stoke by-pass) you will risk creating temporary lakes - unless you ensure there are large enough channels under the roads for the waters to escape.

So these are my two submissions to the City Council :

1. That the City Council establish a committee with the express purpose of obtaining expert, mainly geologic and hydro-dynamic, advice before granting permission to build in new areas - as well as (belatedly!) investigating the risks we are facing in already built-up areas. I believe that the Richmond County Council should be invited to join this committee.
2. That new houses be built with much higher elevation over the surrounding ground to cope with occasional surface flooding which can never be prevented from happening except by building wildly expensive stormwater drainage systems.

Charles Spenser 3/4 2015

# **CATEGORY 5: FLOOD PROTECTION**

## **BATCH 3**

# **CATEGORY 5: FLOOD PROTECTION**

## **BATCH 4**

Bev Mcshea

**From:** Submissions  
**Sent:** Friday, 17 April 2015 1:38 p.m.  
**To:** Administration Support  
**Subject:** FW: Consultation Document Submission

**Categories:** Long Term Plan 2015

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**From:** Council Enquiries (Enquiry)  
**Sent:** Friday, April 17, 2015 1:38:14 PM  
**To:** Submissions  
**Subject:** Consultation Document Submission  
**Auto forwarded by a Rule**

**Name:**  
Malcolm Saunders

**Organisation represented (if applicable):**  
**Address:**  
18 Warwick Street, Richmond,

**Daytime phone:**  
544 5053

**Email:**  
[malcolm.saunders@snap.net.nz](mailto:malcolm.saunders@snap.net.nz)

**Do you wish to speak in support of your submission at the public hearings?**

Yes

**If yes, would you like to attend an evening session?**

No

**My submission is: (please ensure you clearly state the issue or project (s) you are submitting about):**

Saxton Creek Capacity Upgrade. I attended the Public Meeting re this project on the 16th April 2015 at the Netball Pavillion, Saxton Field. In October 2014, I lodged an objection to the Saxton Creek Capacity Upgrade Project Resource Consent, my objection was considered on 19 December 2014 by NCC appointed Commissioner Clare Barton. My main concern was the staging of the project, with improvements for the Capacity of the Main Road Stoke culverts and pipes listed as Stage 4. I stated at the hearing that the whole project hinges on Stage 4 and this should be placed to Stage 1. As you may know many businesses in Whakatu Estate suffered as a result of the Nov. 2011 flooding and again, but much worse in the April 2013 flooding. Insurance Claims in the millions were the order of the day as a result of these 2 floods. Orphanage Creek also caused problems with the two Creeks flooding across Main Road Stoke. The Upgrade improvements for Saxton Creek Main Road Stoke culverts and pipes, should be carried out as Stage 1, with new box culverts placed over the existing set up, to take the overtopping flooding that at present builds up to the level and more at Main Road Stoke. It does not matter what is carried out further up Saxton Creek, if the water cannot get through and past Main Road Stoke and Whakatu Drive flooding will continue. I stated there should be no more development of residential sections further up adjoining Saxton Creek as this is adding to the problem, with the inherent run off from new streets, driveways, roofs, of the new areas now turned into residential housing.



We were asked at the meeting 16 April 2015 to put in a Submission for the Stage 1 to be the Main Road Stoke Culverts to be improved as an immediate priority.

Malcolm Saunders

**Would you like to upload a file in support of your submission?**

**How did you find out about the Consultation Document and Council's 10 Year Plan?**

**Would you like to be contacted by email with future Council feedback opportunities?**

Bev Mcshea

**From:** Submissions  
**Sent:** Thursday, 23 April 2015 9:55 a.m.  
**To:** Administration Support  
**Subject:** FW: Consultation Document Submission

**Categories:** Bev, Long Term Plan 2015

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**From:** Council Enquiries (Enquiry)  
**Sent:** Thursday, April 23, 2015 9:54:47 AM  
**To:** Submissions  
**Subject:** Consultation Document Submission  
**Auto forwarded by a Rule**

**Name:**  
Anne Chilcott

**Organisation represented (if applicable):**  
**Address:**  
12 Hathaway Court

**Daytime phone:**  
+64212770663

**Email:**  
[annechilcott@gmail.com](mailto:annechilcott@gmail.com)

**Do you wish to speak in support of your submission at the public hearings?**  
No

**If yes, would you like to attend an evening session?**  
No

**My submission is: (please ensure you clearly state the issue or project (s) you are submitting about):**  
FLOOD PROTECTION

We are very concerned at the increased potential of flooding from the Maitai River across the Trafalgar Park carpark and into the Hathaway Court properties. Our concern is based on the warnings from climate change but more so, because of the increased bank height on the opposite side of the river as part of the Maitai River walkway upgrade. The Tonkin and Taylor report highlights the risks involved. With the high tides we are experiencing these days, the river level is creeping higher and higher and in one particular spot, comes out onto the pathway. Please give serious consideration to bolstering the bank on the Trafalgar Car park side of the river, as it seems inevitable that given the weather patterns, it will take very little for the river to flood the car park and beyond. Thank you.

**Would you like to upload a file in support of your submission?**  
**How did you find out about the Consultation Document and Council's 10 Year Plan?**  
Newspapers and documentation

**Would you like to be contacted by email with future Council feedback opportunities?**

Yes

Submission 239

# **CATEGORY 5: FLOOD PROTECTION**

## **BATCH 5**

**Bev Mcshea**

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**From:** Submissions  
**Sent:** Monday, 27 April 2015 5:39 p.m.  
**To:** Administration Support  
**Subject:** FW: Consultation Document Submission

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

**Categories:** Bev, Long Term Plan 2015

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**From:** Council Enquiries (Enquiry)  
**Sent:** Monday, April 27, 2015 5:39:14 PM  
**To:** Submissions  
**Subject:** Consultation Document Submission  
**Auto forwarded by a Rule**

**Name:**  
Fiona McCabe

**Organisation represented (if applicable):**  
**Address:**

PO Box 474, Nelson 7040

**Daytime phone:**  
027 319 4469

**Email:**  
[mc@nelcollege.school.nz](mailto:mc@nelcollege.school.nz)

**Do you wish to speak in support of your submission at the public hearings?**

Yes

**If yes, would you like to attend an evening session?**

Yes

**My submission is: (please ensure you clearly state the issue or project (s) you are submitting about):**

This submission relates to Jenkins Creek and the progressive flood damage that is causing property loss along my boundary at 3/87 Scotia Street, Wakatu, Nelson. (DP14568 LOT 29 DP2049).

**Would you like to upload a file in support of your submission?**

NCC-submission.pdf - [Download File](#)

**How did you find out about the Consultation Document and Council's 10 Year Plan?**

Via a telephone conversation with a Council employee

**Would you like to be contacted by email with future Council feedback opportunities?**

Yes

This submission relates to Jenkins Creek and the progressive flood damage that is causing property loss along my boundary at 3/87 Scotia Street (DP14568 LOT 29 DP2049).

*Please refer also the submission from Beatson Road Gospel Hall Trust, 97 Beatson Road (Lot 28 DP2049) as our boundaries meet and I am in support of their submission also.*

I note in the Nelson City Council Long Term Plan 2012-2022 that Council accepts responsibility for flood protection and activity in this part of Jenkins Creek and Council recognises the need for flood protection and upgrade work as \$1,254,000 has been allocated in the 2017/18 capital expenditure allocation. **I wish Council to review the timing of this flood protection and upgrade, and begin the work immediately rather than wait until 2017/18.**

The extreme rainfalls mentioned on page 11 of the Consultation Document for The Long Term Plan 2015-2025 describe three events that have led to land slipping from property into Jenkins Creek. In particular the event in June 2014 caused the edge of the creek on my fence line to be swept away by high swift water flow.

Sept 2014



Sept 2014



Since then the trees and vegetation on my boundary have progressively fallen into the creek. The land is no longer stable enough to hold them and they are being blown over in high winds.

*The first photo was taken in June 2014 prior to the adverse weather event. The second was taken in April 2015 and shows the trees are no longer there.*



The remaining ground is so unstable that should another adverse weather event or even a moderate storm with high winds happen more land, more trees/ vegetation and my fence are at risk of falling into the creek.

April 2015



April 2015



April 2015



I urge Council to consider my concerns along with those in the Beatson Road Gospel Hall Trust submission and undertake the required upgrade and flood protection of Jenkins Creek immediately to avoid further damage or loss of resident's property.



**Bev Mcshea**

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**From:** Submissions  
**Sent:** Tuesday, 28 April 2015 9:18 a.m.  
**To:** Administration Support  
**Subject:** FW: Consultation Document Submission

**Follow Up Flag:** Follow up  
**Flag Status:** Completed

**Categories:** Bev, Long Term Plan 2015

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**From:** Council Enquiries (Enquiry)  
**Sent:** Tuesday, April 28, 2015 9:18:13 AM  
**To:** Submissions  
**Subject:** Consultation Document Submission  
**Auto forwarded by a Rule**

**Name:**

Anthony (Tony) Scott

**Organisation represented (if applicable):**

**Address:**

3d Hill Street Richmond Nelson

**Daytime phone:**

0274343683

**Email:**

[tbjs@xtra.co.nz](mailto:tbjs@xtra.co.nz)

**Do you wish to speak in support of your submission at the public hearings?**

No

**If yes, would you like to attend an evening session?**

No

**My submission is: (please ensure you clearly state the issue or project (s) you are submitting about):**

Flood relief work Saxton Creek immediately required . TDC is progressing in June with their Champion Road culvert and NCC have acknowledge that they need to do the "planned" and budgeted works immediately adjoining this new culvert . Presently it is acknowledged that Saxton creek downstream of the Champion Road culvert is not capable of handing the water flow that the new culver will direct downstream and to landowners properties . NCC engineers have already acknowledged this and designed engineering works in preparation - We have been told that mine has been set outside and is available now for the works to proceed in conjunction with the TDC culvert being built at Champion Road and have been told that the works wil start at the Champion Road end - again we have been informed by NCC that the funds are set aside for this work in this current council financial year . We would like to see this work (all stages ) recorded in the LTP.

**Would you like to upload a file in support of your submission?**

**How did you find out about the Consultation Document and Council's 10 Year Plan?**

Meetings with the with the Mayor and via Council officers

**Would you like to be contacted by email with future Council feedback opportunities?**

Yes

The Nelson City Council wants your opinion.  
Please tell us what you think.

Please type or print clearly. Remember to read the submission writing guidelines (over) before starting.

Office Use Only			
		Submission Number	
File Ref		INITIALS	

Name IVAN HILL

Daytime phone 03 547 4693

Address 9 TROLOVE PLACE - STOKE - NELSON

Organisation represented (if applicable) BEATSON ROAD GOSPEL HALL TRUST.

Do you wish to be heard in support of your submission?  YES  NO # of pages 7.

           If you do not tick a box we will assume you do not wish to be heard.

**Public information**

*Submissions to Council consultation are public information. Your submission will be included in reports, which are available to the public and the media.*

This Submission relates to:-

The Jenkins Creek natural water way. Our concern is the progressive flood damage that is occurring along its' banks adjacent to our property -- at 97 Beatson Road (Lot 28 DP 2049).

History of Damage:-

It is reported that in earlier days the stream was hand dug / realigned into its' present straightened course to better drain and utilize the adjoining then swampy land.

This is evident from the land contours (refer attached map) and accounts for the fact that the stream has eroded itself deep into the underlying clay bound Stoke fan gravel to form a relatively deep gorge.

The banks have been eroded in varying degrees over the years, but the erosion has noticeably increased with the more frequent and severe rainfall events of the past 2 years.

A slight bend in the stream adjacent to the property at No. 77 Scotia Street causes water flow to eat into the East bank which in turn causes progressive erosion / land loss to the on going downstream properties.

Our property -- at 97 Beatson Road -- has now lost in places up to 1.6 meters of land (inside boundary line). During last year (2014) we realigned the stream boundary fence to a safe distance back from the then bank. Since, there has been more erosion and the fence line is again threatened.

NELSON CITY COUNCIL LONG TERM PLAN 2012 – 2022.

We note from this document that:-

- o Under Local Government legislation the Council does accept responsibility for flood protection systems and activity in this part of Jenkins Creek,
- o And that the Council does recognize the need for some flood protection/upgrade work -- \$1,254,000 has been allocated for this in its' capital expenditure allotment for the year 2017 / 18.

RECEIVED

28 APR 2015

NELSON CITY COUNCIL  
Customer Service

NELSON CITY COUNCIL ANNUAL PLAN 2014 – 15.

We note from this document that:-

- The Council acknowledges the further ongoing impact of Emergency Rainfall Events -- in Dec. 2011 and in April 2013 -- and the damage that has been caused to infrastructure.
- No funds have been allocated in this current year for any remedial work.

Action Needed:-

Natural vegetation/ground cover has now been lost to this part of Jenkins Stream and the exposed vertical faces of these banks are being easily eroded with each successive Emergency Rainfall event.

A delay of 2 to 3 years before the projected flood protection work is implemented could and most likely will see substantial amounts of our property lost.

Planning needs to start immediately and work commenced on the at risk sections as soon as possible.

Affected upstream property owners have also voiced their concerns and give full support for immediate action by the Council to remove the uncertainty and threat posed by flooding to their properties. Refer attached page with signatures.

Date 28 April 2015.

Signature [Handwritten Signature] (TRUSTEE)

We, the under signed -- support the above submission -- and ask that the Nelson City Council includes funds in its' current Annual Plan to allow bank protection work in our section of Jenkins Stream to commence as soon as possible.

Property Address	Name of Owner	Signature
Flat 2 85A Scotia Street Wakatu.	Tony Bell. Tel 547 1525.	[Handwritten Signature]
81A Scotia Street Wakatu	Mark Gardner. 027 2212880	[Handwritten Signature]
73 Scotia Street Wakatu.	Lee Williams 0217 59671	[Handwritten Signature]
79A Scotia Street Wakatu	Sue Craig. 54 73401 (work).	[Handwritten Signature]
77B Scotia Street Wakatu.	Wandy Whakataka. 022 136 0633	[Handwritten Signature]
87C Scotia Street Wakatu.	Fiona McCabe. 027 319 4469.	[Handwritten Signature]





Page 22  
Jenkins Creek Bank Erosion  
Adjacent to 97 Beatson Road Property.

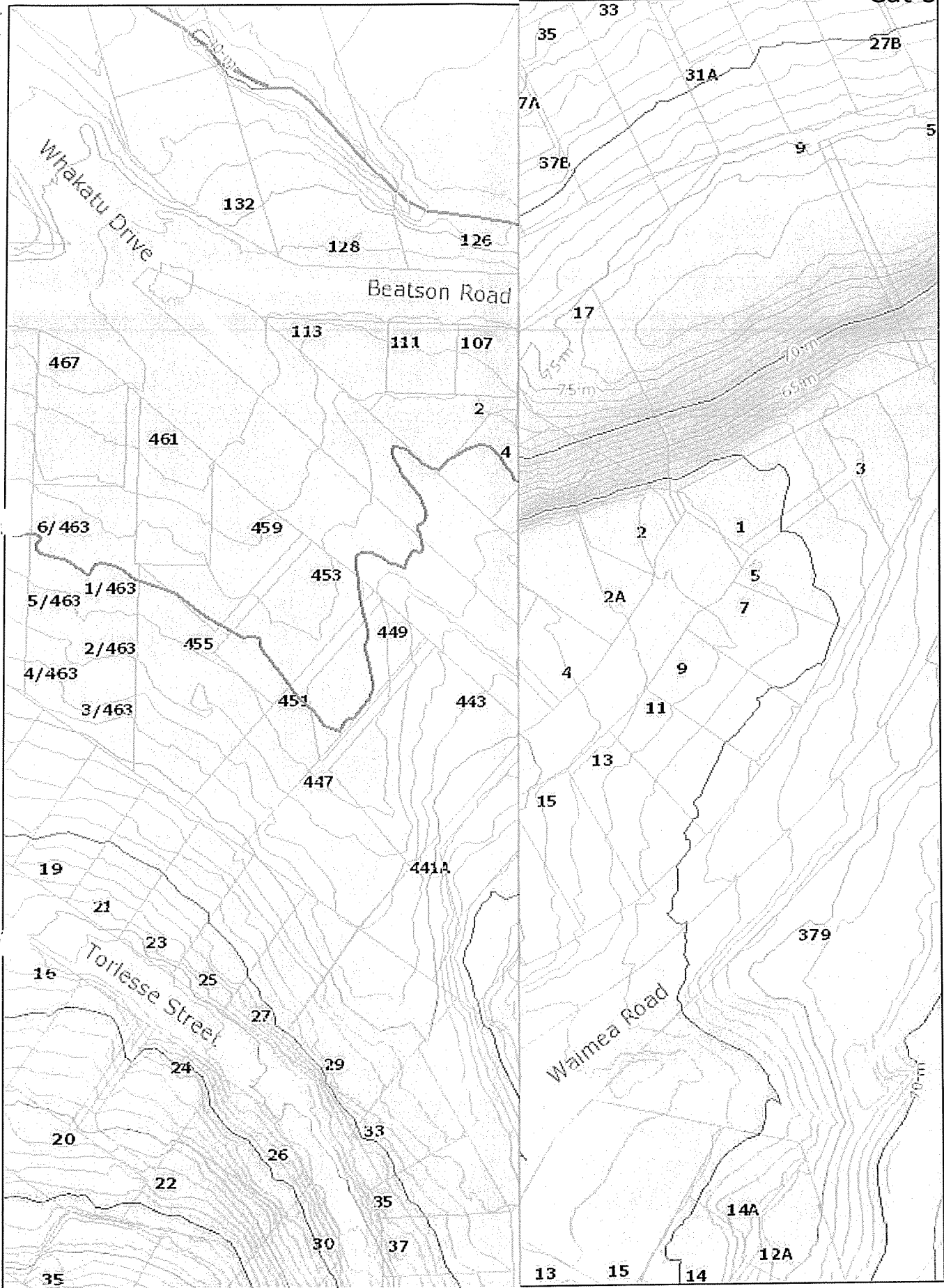


JENKINS CREEK BANK EROSION  
ADJACENT TO 917 BEATSON ROAD PROPERTY.



JENKINS CREEK BANK EROSION  
ADJACENT TO 97 BEATSON ROAD & 87 SCOTIA STREET PROPERTIES

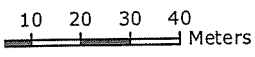




www.topofthesouthmaps.co.nz

The map is an approximate representation only and must not be used to determine the location or size of items shown, or to identify legal boundaries. To the extent permitted by law, the Tasman District Council and Nelson City Council, their employees, agents and contractors will not be liable for any costs, damages or loss suffered as a result of the data or plan, and no warranty or representation of any kind is given as to the accuracy or completeness of the information represented. Top of the South Maps information is licensed under a Creative Commons Attribution 3.0 New Zealand License, and the use of any data or plan or any information downloaded must be in accordance with the terms of that licence. For more information please contact us. Cadastral and NZ Topo50 related data is sourced from: Land Information New Zealand

### 07 Beatson Rd flood damage



30 March 2015