

THIS submission notes has all my words on it

~~Warehouse Stationery South City~~

From: Lesley Shand <wayleggo13@xtra.co.nz>
Sent: Wednesday, April 10, 2013 5:22 PM
To: ~~'Warehouse Stationery'~~
Cc: wayleggo13@xtra.co.nz
Subject: ~~_____~~

If the environmental interest is to be represented then the representative should be chosen by environmental community or by their recommendation

~~Please could you copy this and I will come at once to collect it.
Lesley Shand~~

From: Lesley Shand [mailto:wayleggo13@xtra.co.nz]
Sent: Wednesday, 10 April 2013 3:09 p.m.
To: wayleggo13@xtra.co.nz

They must have the trust + relevant qualifications + consult with the environmental community

From: Lesley Shand [mailto:wayleggo13@xtra.co.nz] LAND and WATER

Proposed Regional Plan.

- 1. I strongly support the reforms to improve water use efficiency [and effectiveness]

[This will allow the possibility of more people using the water, not by taking more water from a river or lake, But because water will be saved when there is the efficient use of water.]

- 2. My generation and the generations before me, were given by my parents and their cohorts, up and down NZ were given the priceless gift of clean, clear water.
- 3. To bequeath this to future generation [intergenerational equity] is a priceless gift from our generation to the NZ generations that may follow.
- I want to give this gift to future generations.

- ~~I am concerned about the destruction of the effectiveness of the Environment Court. The Environment Court has worked hard to be effective and efficient.~~

~~It is not a good idea to leave decisions about water in the hands of local government as they are pro development. [I know Environment councils are responsible for an area's water.]~~

~~But Hurunui District Council has the mayor on Hurunui Waiiau Rivers Zone Committee.~~

~~ECAN is responsible for the Canterbury Regions Water.~~

~~[Regarding the Hurunui, Waiiau Rivers Zone Committee; _____
_____ has over the _____
_____ know _____ the _____
_____]~~

- Neither Council listens to alternative points of view even if the views are held by multiple people. [In addition ECAN is not a democratically elected Council.]

- 4 • National Water Quality standards, These must be strong, where water quality standards, are at drinking standard. All water that is at Contact Sport Standard, must be immediately lifted towards a clean drinking standard.

- [If we; the submitters] have to submit within a short period,- so polluters must immediately start working towards a drinking standard.]

Balance will not allow polluters to ride roughshod over submitters. Nor should new farmers bear all the costs of compliance. Stock must be excluded from waterways.

- The polluters [including existing farmers] can-not wait a couple of years to get their affairs in order, before they begin to implement measures to improve the standard of their water, nor the quantity they take.

-With respect I say," What is sauce for a goose is sauce for a gander."

- -The mindless process of extracting water must not be made easier, and the costs must not be lessened. The costs of extracting water are not acceptable to many of the community, [other than irrigators.]

The Regional Standards should not allowed to be watered down.

- -Water conservation Orders.

The Land and Water Forum

Did not recommend these changes; that are suggested to a WCO.

-The Land and Water Forum recommended that nearby land use was compatible with a WCO.

.n other words the land use should not be such, that harms the values protected by WCO.

WCO are the equivalent National Parks.

The process for achieving a WCO, must become more effective and give greater protection, not less.

- -The Land and Water Forum recommended a method of dealing with catchments approaching or exceeding Water take limits.
- These recommendations require the protecting of those waterways with a risk of being polluted OR
- Where the pollution discharges are nearing being exceeded,

it is not acceptable to ease the process towards the cost of taking fresh water.

Lake Denny drains into the Rangitata, and it is good to see it listed as a, High Naturalness Water body

Farms [particularly Dairy Farms] where there is, or has been a change of land use should have a single consent. This should deal with cowshed discharge ,also diffuse pollution from urine, leaching of nitrogen, silage pits because phosphates are in the equation pollution from cadmium ,also nutrient loss etc. There is NO reason for not implementing this immediately.

The limit for land that is defined as properties below 20 hectares, [Hobby Farms or Lifestyle Blocks should be excluded.],and there is deep concern that nutrient rules must be more stringent.

The policies as regard to Wetlands and Riparian Margins and Activities in the beds of Lakes +Rivers and the land outside a" Lake Zone as shown on Planning Maps" must Not be weakened.

Lesley Shand, Messages can be left at: Ph 03 3790 316

There are so few wetlands left that all wetlands in Cant should be protected

A) Regional Plans should not be set by default limits that sub regional plans cannot improve on They must set stds that can be strengthened not weakened.

The trends are water quality declining, not improving. Two zone committee eg. Haurangi/Waiapu can set plans at the moment by chat chat round the table - collaborative process with compromises.

② Nutrient including sediment limits must be put in place

③ Concern about the cumulative effects
The Policies must address the concerns about addressing cumulative effects.



3 May 2004

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Dear Lesley

Further to this morning's telephone request, information on known faults in the Mandamus and South Hurunui catchments is outlined below.

The Mandamus catchment lies at the northern end of the West Culverden Fault Zone (Structural Domain 2) which is characterised by thrust or reverse faulting. Rates of active earth deformation within the zone are relatively subdued. The only structure within the zone with evidence for repeated rupture during the last 10,000 years is the Balmoral Fault which lies 5km southeast of the Mandamus catchment. Two known faults lie within the catchment, the Esk and Island Hill Faults. Although the Esk Fault is inferred to run into the Mandamus catchment from the southwest it has not been studied in detail and its location is very tentative. Activity on this fault is unknown but it is designated as Activity Class III (probably active but not within the last 25,000 years). The Island Hill Fault runs NE-SW near the south of the catchment and through the Mandamus Gorge. As with the Esk Fault, little is known regarding the activity on this fault and it is also currently designated Activity Class III. The Waitohi Downs Fault crosses the Hurunui River 1km downstream of the Mandamus confluence. This fault is designated Activity Class II (evidence of rupture within the last 25,000 years). No information is presently available on the average displacement per earthquake event, the timing of the last rupture or recurrence interval for the Esk, Island Hills or Waitohi Downs Faults.

The South Hurunui catchment is situated within the West Culverden Fault Zone and the Marlborough Fault Zone (Structural Domain 1) which is characterised by relatively active strike-slip faulting. The only known fault within the South Hurunui catchment is the Kakapo Fault which is inferred to run east-west in the north of the catchment. The Kakapo Fault is Activity Class I (active within the last 10,000 years) but no information is currently available on the average displacement per earthquake event, the timing of the last rupture or recurrence interval for the fault.

Numerous other major active faults exist within 25km of the Mandamus and South Hurunui catchments. Despite the absence of major damaging earthquakes in Canterbury for more than 70 years it is clear from the historical record and geological studies that North Canterbury lies within a zone capable of generating large and relatively frequent earthquakes. Regional scale peak ground accelerations expected for the general area around the Mandamus and South Hurunui catchments range from 0.3g (50 year return period) to 0.9g (1000 year return period). This roughly equates to Modified Mercalli Intensity shaking for the area from around MMI 8.25 (50 year return period) to MMI 9.5 (1000 year return period). (At MMI 8 driving a vehicle is difficult, ordinary masonry is damaged, chimneys and towers fall, and cracks occur in wet ground. At MMI 10 masonry, frames and bridges are destroyed, dams damaged, large landslides occur and train rails are bent.) Local ground

Our Ref: PL5C/0021
Your Ref:
Contact: Helen Grant/Dawn Davison

conditions may influence ground shaking intensity by ± 1.5 MMI units. Regional scale ground shaking intensity information for historical earthquakes is available on request.

Note that the location of known faults shown on the accompanying maps are indicative only and are not suitable for location of faults at a site-specific level. The exact location of faults and general seismicity of the area in relation to a specific site would need further investigation.

If you have any further questions please do not hesitate to contact either myself or Dawn Davison.

Regards



Helen Grant
Hazards Analyst

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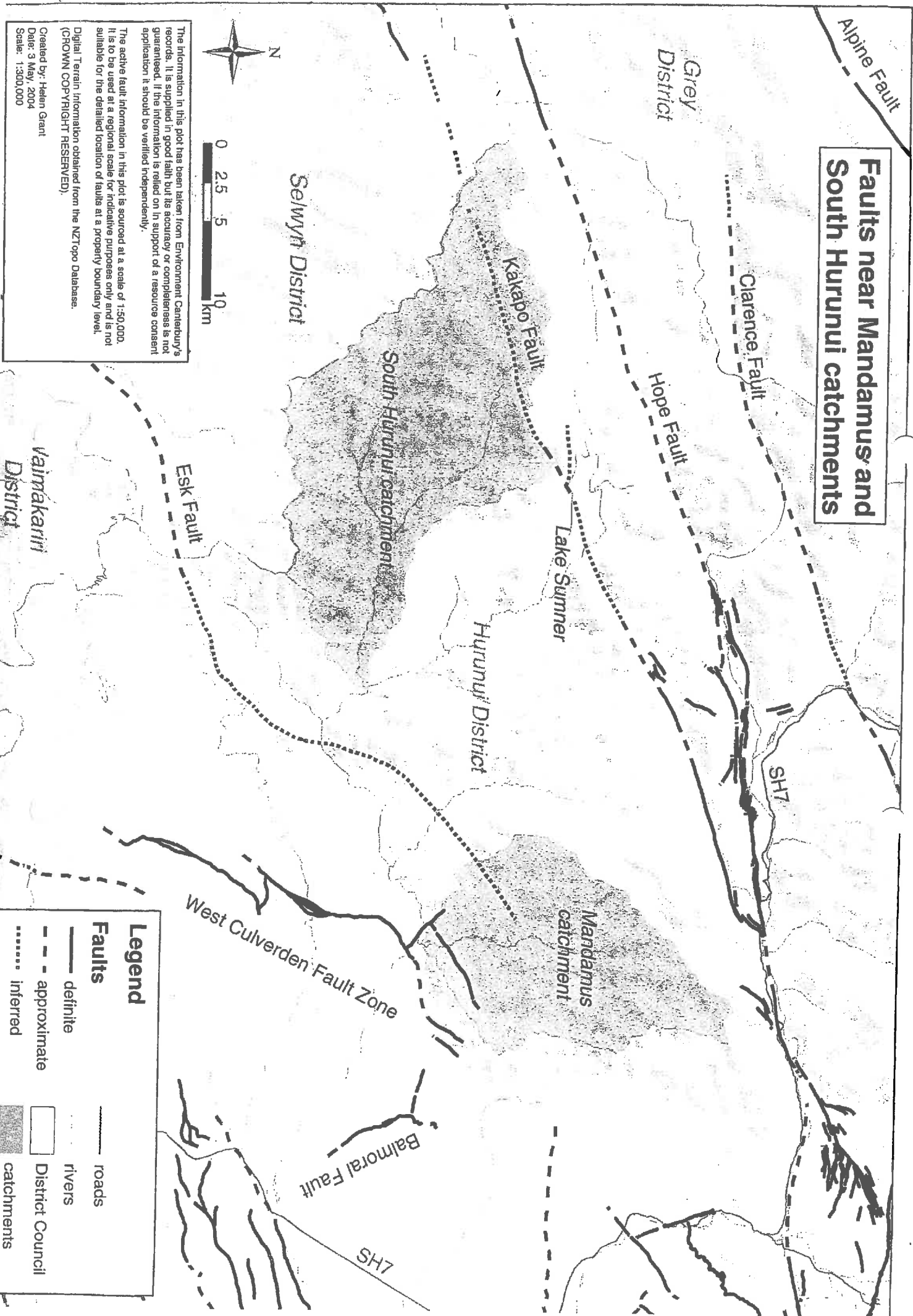
If you have any further questions please do not hesitate to contact either myself or Dawn Davison.

Regards



Helen Grant
Hazards Analyst

Faults near Mandamus and South Hurunui catchments

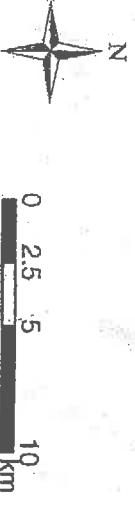


The information in this plot has been taken from Environment Canterbury's records. It is supplied in good faith but its accuracy or completeness is not guaranteed. If the information is relied on in support of a resource consent application it should be verified independently.

The active fault information in this plot is sourced at a scale of 1:50,000. It is to be used at a regional scale for indicative purposes only and is not suitable for the detailed location of faults at a property boundary level.

Digital Terrain Information obtained from the NZTopo Database.
(CROWN COPYRIGHT RESERVED).

Created by: Helen Grant
Date: 3 May, 2004
Scale: 1:500,000



Legend

| | | | |
|--|-------------|--|------------------|
| | definite | | roads |
| | approximate | | rivers |
| | inferred | | District Council |
| | | | catchments |