

In the matter of: the Resource Management Act 1991

Application – CRC 190445 – by the Christchurch City Council for Comprehensive Resource Consent to discharge storm water from with-in the Christchurch City area on or into land into water and into coastal environments.

Submitter- Antonio and Kerrie Rodrigues

Submitters - A D Rodrigues and K F Rodrigues in response to joint statement 2# of water quality witnesses- 15 March 2019

Date:21 March 2019

- -In regard to the reinstatement of Barkers Drain, this will NOT stop flooding of our property as stated in (page 2, paragraph 2.) Due to the amount of fill within the Styx Ponding area and surrounding properties effecting overland flow paths this will not be effective!
- Also, I am not aware of any modeling of Barkers Drain that has been done EVER!
- The Council needs to ensure ALL illegal fill is removed within the whole of the Brooklands Ponding Area including Brooklands Cera land to restore flood storage capacity.
  - I would like the commissioner to be aware that the Map in SMP documents shows key water ways classifications 1,2,3 but not identify 4 .
  - I would like to know what classification is Barkers Drain ? If Barkers Drain is classified 4 why did the CCC allow for this drain to be decommissioned?

I would like to request that all class 4 waterways are identified which CCC is responsible for to ensure that no other drains are decommissioned with infill of land.

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-We do not have any faith in the CCC stating they are looking at compliance of the fill. The CCC has known for years about the fill coming in. We have had numerous meetings with all agencies over the years pleading with them to do something about the fill.(Cera EQC, CCC, govt) . We have put in many complaints to no avail.

- I notice on page 2 Paragraph 5 the experts agree that there is an cumulative effect of wide spread filling of floodplain effecting flood depth on properties that have not been filled! It states that filling activities are controlled by District Plan zoning! This is not the case as the district plan rules have NOT controlled fill or protected us!

-In addition to our localized change of over land flow paths there has been significant up stream developments that have also filled within ponding areas and raised land which further effects the capacity of flood storage and will add to our flooding issues.

Eg –Northern arterial Motorway development ,Cranford development, and Prestons Road developments.

-I would like the Commissioner to be aware that we have recently submitted against another subdivision at 240 Lower Styx Road which worryingly does not show how developers intend to compensate for the loss of flood storage in the ponding areas. This consent shows the run off will run through an open drain called “Styx Drain” and will enter the Lower Styx River just down from our property. It is unacceptable that these consents are happening and we are forever having to

submit against them!

- Page 5 appendix A shows in the diagram that the Cera land is higher than our floor height appearing that we are protected from the Styx river by the raised Cera land. But this diagram also shows the road being close to river level height when River is in flood which will channel the water from the flooded River to our property.
- -We are not experts on modeling but we are extremely concerned that the model may not be sensitive enough to show what is actually happening in our property.
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- -The model is looking at 50 yr floods. We see extreme ponding on our property in less than 10 year events. We cannot have more volume of water coming into the ponding area, even in small events. It needs to be FULLY held back rather than partially.
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- -The joint statement infers that the water coming onto our property is from Brooklands Lagoon rather than the Styx River. If this was the case, then surely our trees would be dying like our neighbors, but they are not dying or showing any stress so it must currently be fresh water affecting us NOT lagoon waters.
- -Our floor levels are all over the place since the earthquakes. We are not confident that CCC has the correct height for our lowest section of floor. Our floors in our bedrooms are made of wood with concrete perimeter in which there are air vents at ground level. The wooden floors are slumped in areas due to Earthquakes . The water enters under house from ground level and becomes trapped for months on end. Please note that floor levels were not taken

from within our bedrooms but from outside our house on step.

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- -We are living in a place where surface and flood waters are making it difficult to live and we are concerned about health issues from water sitting under our house eg mould etc. We also have access issues.
- -So how can a further 100+20mm extra water be allowed?
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- -Any additional water should NOT be allowed. CCC require Full attenuation in other catchments but are not requiring it here because of the limited number of properties affected.
- CCC keeps stating at meetings and in their own reports “the whole of Brooklands was Red Zoned” THIS IS NOT TRUE! THIS IS NOT JUST! The property developers must be made to FULLY attenuate rather than shifting the problem to us.
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- -This consent is still ignoring the effect of the Earthquake damage to our area and does not allow for any mitigation for these effects. The CCC needs to mitigate the Earthquake issues before any river storm water consents are granted. The Earthquakes effects must be included when considering this consent.

Thanks You

Kerrie and Antonio Rodrigues