

SUBMISSIONS RECEIVED ON RADLEY PARK – HEATHCOTE RIVER DREDGING LANDSCAPE PLAN

April 2018

Submission ID	First name	Last name	Name of organisation	Heathcote River Dredging Landscape Plan (plans 2, 3, 4 and 5)	Do you have any comments on the Heathcote River tree replacement plan?
14946	Dirk	De Lu	Spokes Canterbury		Attached
14944	Nigel	Harris		Yes - I/we support the plan but have some concerns (please comment)	I note actual dredging has started at the bottom of the cut (not at Radley Street as per your info). I am concerned that removing too many large trees along the river banks will make it difficult to re introduce native plants that grow better in the shade of larger trees. Please work with plant people who can best plan the gradual replacement of existing large trees with native species without a scorched earth approach. There has been a significant number of native species planted along the true right bank between the Riley Cres end of Radley Park and the Radley Street Bridge. This has been done by local people at no cost to the CCC. This existing clearing and planting should be carefully considered when working along the true right of the river. Please avoid straight lines with all plantings and paths! Don't remove a tree eg old Ngaio, just because it is old or in poor condition, this is a park not a botanic garden, replant under or near older natives so they will provide shade for new young seedlings.
14943	Matt	Willoughby	Community and Public Health		Attached
14941	Christian	Jordan		Yes - I/we support the plan	<p>I own the properties at [REDACTED]. These have a 42m frontage to the river. I have made preliminary contact with [REDACTED].</p> <p>I have no issue with the removal of all existing vegetation to allow for dredging.</p> <p>I have the following concerns:</p> <ol style="list-style-type: none"> 1. Potential for moving the river bank during dredging: the riverbank determines building setback (30m under pRDP) and esplanade reserve (20m under the RMA) requirements therefore moving the bank in anyway directly affects the requirements and my properties' buildable area. Given the implications of the esplanade reserve requirements of sections 229 to 237 of the RMA, the legal implications of moving the riverbank by any amount need to be considered. 2. Lateral Spread: The area along Heathcote St suffered lateral spread in 2011 of about 300mm at my property (see my schematic drawing attached). Given the risk of lateral spread is likely to be increased by removing material from the river bed with out taking mitigating measures of stabilizing the bank, then this needs addressed before substantial works are undertaken. The 2014/5 geotechnical report by Davis Ogilivie for 43 Heathcote St (which should be available on the geotech database) suggests ULS lateral spread could be significant on this site with no restraint on the toe of the riverbank. A detailed assessment of the increased lateral spread risk by increasing the size of that toe needs to be considered. (Note: The existing trees did not appear to reduce the damage from lateral spread at all). 3. Historic wharf area: consideration of the historic use of the riverbank as a wharf needs to be considered in both earthworks (archaeological discovery) and in future landscaping of this area. 4. Replanting: The area behind Heathcote St is frequently used by many walkers, allowing for pathways and open views is important. It is also important that there are open areas of grass directly to the edge of the riverbank so that the river can be seen by both walkers and neighbouring properties. Tree planting should reflect traditional exotic plantings (typical in other riverside parts of Christchurch) as well as non shrubby native trees. Dense shrubby areas or large areas of flax or shrubby grasses that will accumulate litter and hide undesirable activities must be avoided. Pockets of areas to encourage wildlife habitats are to be encouraged but these should not be widespread. Trees forming a canopy over open grassy areas should be

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					<p>the main goal, but this trees should be spaced to allow river views and in the large part deciduous species to avoid the area becoming boggy in winter.</p> <p>As I intend developing my sites, I have included as a preliminary suggestion 2 options where the Council may be interested in achieving greater access to this section of the river.</p> <p>At present there is almost 400m between the two access points on the Heathcote St section of the river (Catherine to the bend in Heathcote St). An access point around 39 would be about one third the way along, and would also allow for the future possibility of having a linking footbridge to the end of Radley St. I am open for discussion about this.</p>
14940	Anake	Goodall	Seed The Change He Kākano Hāpai		
14934	Bernadette	Dabbak		Yes - I/we support the plan	
14920	Geoff	Lester	Arcadia Motel	Yes - I/we support the plan	<p>I own and operate the Arcadia Motel on the left bank of the Heathcote River on the Ferry Road side.</p> <p>I am concerned that there appears to be no formed path on this bank. The path is well used throughout the day by people walking, running and cycling and I would like to see a formed path in place after dredging work is completed. I have guests from around the world and New Zealand staying and they frequently comment on the poor state of the riverbank and lack of paths. Most enjoy walking along the river and it is popular with guests to walk to The Tannery.</p> <p>It will be nice to see the riverbank/walking tracks returned to a tidier more presentable state.</p>
14910	James	Thorne		Yes - I/we support the plan	Any improvements on the lower Heathcote are welcome
14899	Leonie	Stead		Yes - I/we support the plan	Hopefully make the area much prettier
14896	Martin	Pfaff		Yes - I/we support the plan but have some concerns (please comment)	I doesn't help to dredge the area if the source where the sediment is not targeted. Systems for infiltration and attenuation of storm water, devices to hold back sediment and waste are available and should be included in every new development.
14889	Emma	Brankin		Yes - I/we support the plan	
14883	Karen	Whitla		Yes - I/we support the plan but have some concerns (please comment)	Attached

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14882	Gaylene	Barnes		Yes - I/we support the plan	<p>This needs to be done. Please leave as many trees as you can until the new trees increase, with the addition of a transition period. Just because a tree is exotic, does not mean it cannot be useful and help the river - ie. by providing shade, and carbon matter (dead leaves) to help feed the denitrification microbes. I would like to see the work of the Laura Kent Reserve Workgroup respected.</p> <p>PLUS, it is of little use to dredge and do all this work now, when the main problem of excessive sedimentation in the upper reaches is NOT addressed. This needs to be immediately addressed with better management of stormwater runoff in housing developments in the Cashmere and Westmorland areas. The Opawaho Heathcote River flows dirty clay brown every big rain, while the Otakaro Avon is crystal clear. The council need to implement better technology for these clay hills with little soakage and too much tar-seal and concrete driveways. Every driveway should have a storm-water attenuation and infiltration soak-pit. These could also be installed under the roads. These are easily cleaned, thus saving pollution and sediment reaching the rivers. With the technology available in our day and age, there is no excuse to send building site rubbish and top-soil into the the rivers.</p>
14881	Janet	Dunn		Yes - I/we support the plan but have some concerns (please comment)	<p>Its great that plans are underway to enhance a largely hidden gem of Christchurch as the loop walk alongside both sides of the lower Heathcote River from Radley Park and across the river on the Ferry road side is so accessible from my home. The large trees provide home for many birds and provide shade and protection for already recently planted native trees by the students of Te Waka Unua School on the True Right side of the river. Sudden removal of the large trees would be a real shock for people and wildlife - would suggest this be gradually undertaken and replaced with large natives. It appears on the plan that the path on the True left is to go. Many people use both sides for walking and cycling to and from work and for pleasure. Please ensure that a path is kept on both sides of the river. Would be helpful to have more open views of river on both sides to enhance safety and beauty of the area. The historic areas where wharves have been could be made more of a feature. This whole stretch of river bank is unique in terms of its present canopy of trees and proximity to the water.</p>
14880	Michael	Reynolds		Yes - I/we support the plan	
14879	Claire	Newman		Yes - I/we support the plan but have some concerns (please comment)	Ripping up native plants to access the waterway
14877	Wendy	Hay		Yes - I/we support the plan	
14867	William Robert	Mooar		Yes - I/we support the plan but have some concerns (please comment)	<p>The river bank was zoned a roading reserve when we purchased the property. It was then rezoned walkway. We were givern writtern notice from CCC that we would not loose access to riverbank from the rear of our sections. Your proposed planting of native trees etc (which I do like) would block our access to river bank from the rear of our section. Could the gate space be left clear, getting rid of white poplars would be good as the suckers have been coming up on out & neighbours property even since they have been there. We cut them down the come up agina. When you remove the poplars will this cure the sucker problem. I hope you can make sence out of what I have written down, my spelling not to good. Did not do to much school. Thanks for passing on the proposal.</p>
14866	Robyn	Dann		Yes - I/we support the plan but have some concerns (please comment)	<p>Heathcote Dredging Landscape Plan:</p> <p>The decisions of the council and impact that they have had on this section of the river over the last five or more years has make me VERY GRUMPY, so you have now given me a chance to get a lot off my chest.</p>

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					<p>Firstly this stretch of the river has deteriorated significantly in recent years firstly because we lost City Care who used to do rubbish sweeps of both the river bank and the park. They also did weeding and other maintenance jobs such as trimming back large scrubs or trees that had started to grow over the footpath and spraying the blackberry, which they could never get rid of, but did stop it from becoming a hazard. They did all this as well as mow the park and along sides of the cut and empty public rubbish bins regularly and all of it with out having to be asked.</p> <p>However ever since we lost City Care only the park gets mown, the public rubbish bins are left overflowing for weeks before finally being emptied and the side of the cut only mown when the grass has got to long and then in both cases this is often only after numerous complaints by the locals. As for the sides of the river I have never seen them or noticed anything that would suggest that they have even been along it.</p> <p>So although your planting plans show happy, healthy plants along the riverbank and looks very pretty on paper without the council also coming to the party and making sure that the work City Care did is reinstated then it won't look pretty on the ground for long. Yes there are locals who are willing to get involved and help with litter removal, some weeding and looking after the plants when they have grown, or to have to spray blackberry or other pest species.</p> <p>But the absence of City Care was just the start of the problem, we then got the Drainage Bd I presume, turning up saying that all the flooding up stream was caused by the reed beds that they claimed were clogging this section of the river and proceeded to send in heavy equipment to rip out the reed beds but not any silt that you now say is the real problem. But to do so they first had to cut down mature trees to access the river, it was only after their removal that the white poplar became a major problem and in general by the time they had finished they had left the river banks in a horrible mess.</p> <p>Needless to say the reeds were in no way a cause of the flooding as the next storm proved, as the flooding was just as bad up stream as it had been before they removed them. Yet the reed beds are an important habitat for the wild life, they provide shelter for the ducks and other water birds, they are places were the birds can hide their young from predators and where fish not just the Inanga can lay their eggs.</p> <p>My final grump is that on Plan A the floodgates are labelled as a footbridge therefore suggesting the public have a right of access. This is not correct and seems to be a lie perpetrated by the council to get out of having to repair or replace the real footbridge which was further up river at the end of Catherine Street. This bridge has now been removed. Why it is a lie is that the floodgates are exactly that floodgates that yes when they are not closed can be used by the public, but the fact is that they are routinely closed so maintenance work can be carries out, work that can occur at anytime and on any day of the week. Not is it reasonable to expect the Drainage Bd to notify people when the gates will be closed as the number of households they would need to inform is too large.</p> <p>When this happens the locals then have to walk up to Rutherford St and cross there, this means that primary school children attending Saint Annes or Tamariki Schools have to do a major detour, secondary school students and workers needing to catch a bus on Ferry Rd just have to hope that they are able to make it before they miss their bus and on a number of occasions I have left home crossing the floodgates to go to the supermarket only to find when I am now carrying a back pack and two green bags full of groceries, that the gates have been closed and I have to lug my shopping all the way to Rutherford St and then back down the other side.</p> <p>On most occasions the gates are only closed for half an hour to an hour but when they have to do major maintenance this can change. On one occasion thankfully before the earthquake they needed to remove the gates for cleaning and repainting, this required them to bring in a crane and other equipment, it took over a week to lift out and then reinstall the gates and the gates</p>

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					<p>were closed for this whole period. As I said earlier thankfully this occurred before the earthquake when we still had a real footbridge so it didn't cause any inconvenience for the locals but that is certainly not the case now. So could you please stop insulting the locals by claiming that the floodgates are a footbridge as we know they aren't.</p> <p>So after all that in conclusion my concerns are:</p> <ol style="list-style-type: none"> 1. The Council need to reinstate the work done by City Care in the past or all this landscaping will be pointless 2. The Drainage Bd need to get over their fixation that reed beds cause flooding, which they don't but are infact an important habitat for the water birds and fish. 3. Floodgates are floodgates not footbridges. <p>Thank you and good luck with the Pool</p> <p>Received 18/4/18 Sorry about this. When I wrote my submission I had intended to add one further comment, which after I had sent in my submission I remembered I had left out, but one I still think is worth making. So could you please include this with my other comments.</p> <p>Prior to the earthquake the Council did a project on the Linwood Canal where they widened the canal were Linwood Avenue meets Dyers Road. The reason for this was to create a pooling area for flood water so preventing surface flooding.</p> <p>After completing the Linwood Canal project they then commenced on doing a similar one on the bend in the Heathcote River behind Thackers Quay, but this project was for some reason just abandoned about half way through. After being left this area has just silted up and become overgrown with weeds.</p> <p>So I would like the Council to add this project into it's flood management plan for our area and let the neighbourhood know whether they consider that it is still worth completing or if not could they at least come with a new plan that will clean up the mess they have left this area in.</p>
14841	Jeremy	Rees		Yes - I/we support the plan	
14834	ben	van bussel		Yes - I/we support the plan	
14832	Vanessa	Lukes		Yes - I/we support the plan	Please can we have some fruit & nut trees -including walnuts, sweet chestnuts, almonds.
14831	Ollie	Clifton		Yes - I/we support the plan	

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14813	Karen	Whitla	Opawaho Heathcote River Network	Yes - I/we support the plan but have some concerns (please comment)	Attached
14783	Laurence	Mote		Yes - I/we support the plan	Currently a reat 'off-road' cycle route for mountainbikers to get from sumner to the bottom of Rapaki.
14777	Josephine	Anderson		Yes - I/we support the plan but have some concerns (please comment)	Just the replacement of trees we don't want them large as the ones that have been there and are still there are far to large need to be smaller block out to much sun
14775	Martin	Ward		Yes - I/we support the plan	
14561	Kimberley	Evans	Kimberley Evans	Yes - I/we support the plan	
14552	Justin	Galligan		Yes - I/we support the plan	
14551	Matt	Watson		Yes - I/we support the plan	
14545	Grant	Hay	Grant Hay	Yes - I/we support the plan	
14423	Holly	Cunningham		Yes - I/we support the plan but have some concerns (please comment)	I don't know enough about this to give an informed response for or against. I support activities that will improve the health of the river and area.
14226	John	Samson		Yes - I/we support the plan	
14125	David	French		Yes - I/we support the plan	I am in favour of dredging I am concerned that we are seeing the river narrowing due to grass & mud being allowed to extend the banks. What is this doing to river capacity - it this impacting on flooding around Clarendon Tce?
14120	Sarah	Laffan		Yes - I/we support the plan	
14118	David Jones & Anja Werno	None		Yes - I/we support the plan	
14116	Brigid	Copeland		Yes - I/we support the plan	Heathcote River dredging and replanting proposals are a beneficial way to reduce flooding while beautifying the area and promoting habitat for birdlife. Excellent Stuff.

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14114	A D	Wootton		Yes - I/we support the plan	
14113	Tracy	Moore		Yes - I/we support the plan	
14112	Sarah	McCann		Yes - I/we support the plan but have some concerns (please comment)	Plan 4 = Trees Do not plant cabbage trees !! AKA - Cordyline Australis Ti Kouka Reason: Leaves will drop on the ground & spread. Also then extra maintenance (high cost for wages etc) to clear the leaves before can mow grass, Rate money should be spent elsewhere.
14111	Vera	Lambert		Yes - I/we support the plan but have some concerns (please comment)	ChCh City Council doesn't have the money to afford this, our rates are at a stage now where we are finding it hard to manage to pay our rate account. We have enough parks in the city.
14110	Charlotte	Cook		Yes - I/we support the plan	
14109	Lynda	Smith		Yes - I/we support the plan	The ground is very uneven due to tree roots, so a path round the river would be an asset
14108	Jennifer	Riley		Yes - I/we support the plan but have some concerns (please comment)	see above re: proposed path also, it would be preferable for the dog agility portion of the park to be enclosed as some larger dogs can run up to young children playing in the playground and/or dig up plantings.
14106	John	Coburn		Yes - I/we support the plan	
14105	William	Kapea		Yes - I/we support the plan	
14104	Debbie	Erickson		Yes - I/we support the plan	
14103	Ben & Faith	Dodgshun		Yes - I/we support the plan	The improved path connection along the southern side of the river to Radley Street will be good. An easy way to get on and off Radley Street would be good to have also, this is lacking presently. The path between the floodgates and Maronan Street would benefit from landscaping improvements; it is currently a bit like a tunnel, and not pleasant to walk through. Could it be opened up, so that there is visibility to and from the river? It is now the only path between Radley Park and Woolston Village following the removal of the Catherine Street footbridge.

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14102	Trudie	Best	Trudie Best	Yes - I/we support the plan	
14078	Shelley	Washington	Shelley Washington	Yes - I/we support the plan	
13962	Geordie	Southen		Yes - I/we support the plan but have some concerns (please comment)	I feel that a transitional period of gradual replacement would be more beneficial to wildlife and the public. The Laura Kent Reserve Community Group has the right idea.
13957	Malcolm	Long		Yes - I/we support the plan	The retention of the larger oak and willow and native trees is requested. The removal of the poplars is a great idea but only if this can be achieved while retaining sufficient shading trees. A staged removal of poplars which sees the oldest original poplars retained for a few years to allow the other trees to provide shade would be beneficial. If dredging of the river in future years is envisaged, then this will need to be allowed for in any planting so that future dredging does not require removal/destruction of planted trees.
13727	shona	mcdonald		Yes - I/we support the plan but have some concerns (please comment)	This is obviously going to have an impact on living things in the river. what are you going to do to have as little effect as possible on these living things and when its wiped out can it be replaced
13376	Dugald	Wilson		Yes - I/we support the plan but have some concerns (please comment)	See comments submitted under the Laura Kent Reserve Community Workgroup
13261	Dugald	Wilson	Laura Kent Reserve Community Workgroup	Yes - I/we support the plan but have some concerns (please comment)	See attached submission

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13201	Fran	johnson		Yes - I/we support the plan but have some concerns (please comment)	<p>There is a need to keep several of the larger trees which hang over the river for bird roosting habitat, eg shags use them now, (mainly the willows at the Radley st end) and would not have a place to perch if they were all removed.</p> <p>The larger natives which are near the printing company boundary and the oaks already there, would make good shading trees for the young natives that have and will be planted.</p> <p>We agree the white poplars should go.</p> <p>Maybe some of the eucalpts could be left for birds that like tall trees but not over the river, eg bellbird.</p> <p>Can the young trees newly planted and mulched on true RHS be kept without being damaged while the dredging takes place, and all the plants on the riverbank itself not be disturbed at all, eg the established flaxes or transplanted. this is so some much needed habitat is kept.</p>
13172	Britta	Liberty	Brie Liberty	Yes - I/we support the plan	
13171	DJ	Matheson		Yes - I/we support the plan	<p>Great idea, nice one!</p> <p>Fabulous idea to removes the poplar trees</p>
13112	Phil	Campbell		Yes - I/we support the plan	
12982	Hayley	Guglietta		No - I/we do not support the plan	I am more interested in other methods of cleaning up the river I realise they may take longer but it is better for the river long term as you would not be required to dredge at all. Short term pain for long term gain. Dredging its short term gain repeated for ever
12922	anna	hamilton		Yes - I/we support the plan	Community have a chance to be involved in re planting would be awesome :-)
12920	Michelle	Lough		Yes - I/we support the plan	Totally support the dredging and tree replacement along the Heathcote.

Responses from the Laura Kent Reserve Community Group

The **Laura Kent Reserve** is not named in the documentation – it is the reserve on the true right of the Heathcote from Radley Street to Radley Park.

“We” are a small but growing workgroup of six regulars and others who enjoy meeting monthly for a couple of hours to care for the Laura Kent Reserve. We have involved Te Waka School in planting a large section of the reserve to enhance birdlife and have worked to clear poplar seedlings and create a safer environment and a stronger link to the river.

We value the stretch of river bank that we have adopted to ‘care for’ because it is unique in this part of the river. The big trees and shade offer a sense of peacefulness for those who walk and bike along this section and many people comment about this to us when we are working. It is a ‘reserve’. Some of the features we see as being important are:

- the big trees with gentle rustling of leaves
- the intermittent views of the river
- the shade and complete canopy with big trees
- the curving nature of the path (as opposed to straight path by the cut) and the path surface which is ‘natural’. (not a permanent hard surface)
- the life of this unique environment – eg the sound of birds in the trees, (bellbirds and fantails are usually heard along with the river wildlife), life in the river (flounder, crabs, small fish, shags, kingfisher, scaup, royal spoonbill, paradise duck, etc.)
- the close connection with flowing water – the path sometimes comes right up to the river bank

In general we support the proposed work but we offer feedback on the draft plan:

1. **We want to retain the feel of a shaded reserve with many large trees with intermittent views of the river.** The large trees give a sense of awesomeness and invite a sense of hidden mystery by provision of dappled light and shade. It is a space that invites ‘reflection and withdrawal’ from the busyness of life nurtured by the sense of enclosure. It is not open riverbank which is the predominant environment elsewhere along the river in this location. The plan is not defined enough to indicate the number of larger trees although it would appear there will be a significant reduction of these which we believe could change the unique and valued character of the reserve.
2. **We would like a transition period.** Much as we are not huge fans of the white poplars or the oaks in the section we ‘care for’ we would want to retain all the oaks and some poplar to be removed at a later stage, when new trees have grown. This would provide a gradual transition rather than the possibility of a complete removal and the establishment of a new planting in what would be harsh full sun and free draining soils. The existing shade provides an excellent environment for new trees to take root as we have discovered. Transition would also help existing wildlife.
3. **The current habitat provides a home for native birds which we value and wish to see enhanced.** The planting of larger native trees will enhance this but they will take many years to grow. Other quick growing native species like *ngaio* and *fuchsia excorticata* should be included in the tree planting list to provide food. (These were species originally found in this area) We also note the proposed planting plan shows some existing trees to be retained in the “Existing Community Planting Area”. We trust this is indicative that **all** the mature native species in these areas will be retained.

We are aware that a key driver of the current planting plan in this section of the river is a desire to **improve the range of inanga spawning**, with this section currently offering poor habitat for this activity with steep river bank and inappropriate vegetation. While we support efforts to provide good habitat for inanga we would prioritise good habitat for birds more highly.

4. **We see little reference to future dredging in the plan.** We are unaware of whether future dredging will be required in ten years time and if so how will this be carried out.
5. **We want this area to be as maintenance free as possible.** Currently there is limited grass mowing and spraying undertaken in Laura Kent Reserve. We would like to see the development of a relative maintenance free shaded environment that did not need any spraying or mowing, but which could be maintained with our monthly working bees which promote good community. Such an environment could include low growing species like *astelia fragrans*, *anthropodium candidum*, *phymatosorus diversifolius*, *libertia ixioides*.
6. **Security.** The fact that the existing big trees have little growth below 2m is helpful for security. People report to us that since we have removed thick pockets of poplar seedlings and bramble in the Laura Kent Reserve this area feels safe. We note the proposed plan does not talk of security issues. We do not believe more open-ness is desirable or needed for security reasons in the Laura Kent reserve but the ability to see across the river from the true left would add to a feeling of security. (Currently there is little visual connection with the river and the opposite bank from the Connal pathway.)
7. **The pathway.** The existing pathway through the Laura Kent Reserve is bare earth with numerous poplar roots. It would be helpful to have the poplar roots removed. We agree that a more natural surface (ie not asphalt) is appropriate that allows both walking and cycling. We note the soils are free draining and there is a natural slope to the river so there is little issue with ponding.
8. **Signs.** It would be helpful to have an appropriate sign at either end of the Laura Kent Reserve naming the area. We would welcome an information board which would name wildlife found in the area but recognise that vandalism could be an issue.
9. **Connal Reserve transition.** We would like to see the gums in the Connal Reserve retained as a transition measure (see 5 above) as these provide food and nesting for birds (eg bellbirds) as well as shade. However, we acknowledge that wind damage might be an issue without the surrounding support of existing white poplars. We note the current plan does not seem to include the existing pathway on the true left. While this side of the river is not used to the same extent as the true right there is significant usage by walkers.
10. **Ribbon of native trees in Radley Park.** In Radley Park we would like to see a ribbon of natives trees along the river to provide a corridor for native birds and a wind break. Particularly we would like to see the control gates screened off with a small area of planting in the east corner of the park. We would want 'openings' to provide the visual connection with the river.

Summary:

1. Plant a good number of large trees
2. Transition the pulling out and replanting
3. Retain as many existing native trees as possible
4. Retain open sight lines
5. Improve pathway and signage
- 6 Keep the Connal walking track

Dugald Wilson 24 March 2018

dugaldwilson@xtra.co.nz

for the Laura Kent Reserve Workgroup

Submission on Christchurch City Council
Radley Park
and
Opawaho Heathcote River Dredging
and Replanting.



April 2018.

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Christchurch, 8025.

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Phone 021 022 03998

Ōpāwaho Heathcote River Network (OHRN)

- The Ōpāwaho Heathcote River Network (OHRN) is a unique community group whose focus is the whole of the Ōpāwaho- Heathcote Catchment and the River from its 'source to the sea'.
- The OHRN's overarching Vision is to develop; *'an ecologically healthy river that people take pride in, enjoy and care for.'*
- The OHRN's Purpose is to; *'facilitate a collaborative Network which promotes and advocates for the regeneration of the whole of the Ōpāwaho/Heathcote River.'*
- The OHRN is working in collaboration with ECan, CCC and local community groups to ensure a better balance of values is achieved, the ecological health of the Ōpāwaho-

Heathcote River is improved and the community connects with its 'local river'.

- There are nine groups under the umbrella of the OHRN. These include; Cashmere Stream Care Group, Friends of Ashgrove Reserve, Friends of Ernle Clark Reserve, Lower Cashmere Residents Association, Beckhenham Neighbourhood Association, King George V Reserve, Laura Clark Reserve, Roimata Food Commons Trust and Calder's Green- Forest and Bird.
- The OHRN has been involved in a range of projects including the annual Mother of All Clean Ups, World Fish Migration Day, the Whaka Inaka Project with EOS Ecology, Avon Ihutai Estuary Fest and Citizen Science Water Clarity Testing with Cashmere Stream Care Group.
- The OHRN became an Incorporated Society in January 2018 and has just applied for Charity Status under the Charities Commission.

OHRN Collaborative Approach

- Just as the CCC wish to focus on a collaborative approach, the OHRN seeks to work with the CCC, ECan, Ngai Tahu, community groups and other agencies to develop an integrated approach to the management of the Ōpāwaho Heathcote River and its tributaries.
- OHRN emphasises that community engagement should include the involvement of Community groups from the beginning to the end of the process. They should be involved from the planning stages to the implementation. This will provide greater ownership of projects on the ground.

Radley Park Landscape Proposal

The OHRN supports the Roimata Food Commons Landscape Proposal. This includes;

- The proposed 400m² lease/license area that Roimata Food Commons have requested
- The upgrade of the dog agility area in the park
- Future (currently unfunded) projects that Roimata Food Commons are interested in progressing. These include the nature play area, river connections, education centre structure and riparian planting.

Opawaho Heathcote River Dredging and Replanting

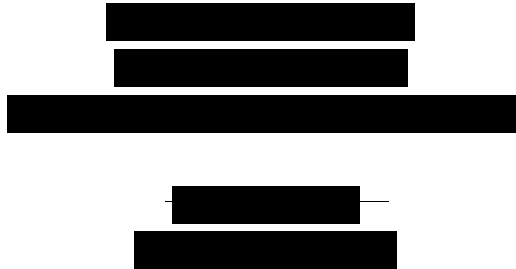
Flood Protection and Dredging

- The OHRN recognises that dredging of sediment above the Radley St Bridge is proposed as a flood management option in the Ōpāwaho Heathcote River together with the increased storage options in the upper catchment.
- While the OHRN understands the need to remove the white poplar species, it is concerned that the removal of all the existing large trees from both sides of the river, especially the N/Western Bank (true left), is going to leave a very barren landscape. It will take up to five years, or more, for the new native tall trees to be at an established height to protect the water quality of the Ōpāwaho Heathcote River.
- The OHRN is concerned about the loss of the large shade trees which maintain an appropriate water temperature to protect the valuable ecological balance of the water. This includes native eel, and Inaka species.
- There is concern about the sudden and immediate loss of amenity values along this stretch of the river. The sense of canopy that currently exists provides a strong emotional and spiritual link to the Ōpāwaho Heathcote River.
- The OHRN is concerned about the potential loss of the walking track on the true left of the river through this proposed work.
- The OHRN advocates that further discussion are held with OHRN, the local stakeholders, and an arborist on the transition of works relating to the removal of these tall trees for the proposed dredging in the Radley Park area.
- The OHRN advocates that some native species including kowhai, and some exotic species such as oak and some of the white poplars, should remain until the proposed new native tall trees are more established.
- The OHRN advocates that a planned transition be incorporated into all dredging and restoration projects, that allocates priority for the protection of water ecology.
- The OHRN would also like to see monitoring of the ecological effects of the proposed dredging.
- The OHRN would like to see modelling to predict how the river will respond to sea level rise, how the river may respond to future changes in estuary levels and help to inform the decisions of future dredging as a flood management tool.

Submission on Christchurch City Council
Radley Park
and
Ōpāwaho Heathcote River Dredging
and Replanting.

April 2018.

Karen Whitla



Collaborative Approach

- Just as the CCC wish to focus on a collaborative approach, the I seek to see work with the CCC, ECan, Ngai Tahu, Opawaho Heathcote River Network. Volunteer community groups and other agencies, to develop an integrated approach to the management of the Ōpāwaho Heathcote River and its tributaries.
- Emphases on community engagement should include the involvement of Volunteer Community groups from the beginning to the end of the process. They should be involved from the planning stages to the implementation.
This will provide greater ownership of projects on the ground.

Radley Park Landscape Proposal

I support the Roimata Food Commons Landscape Proposal. This includes;

- The proposed 400m² lease/license area that Roimata Food Commons have requested
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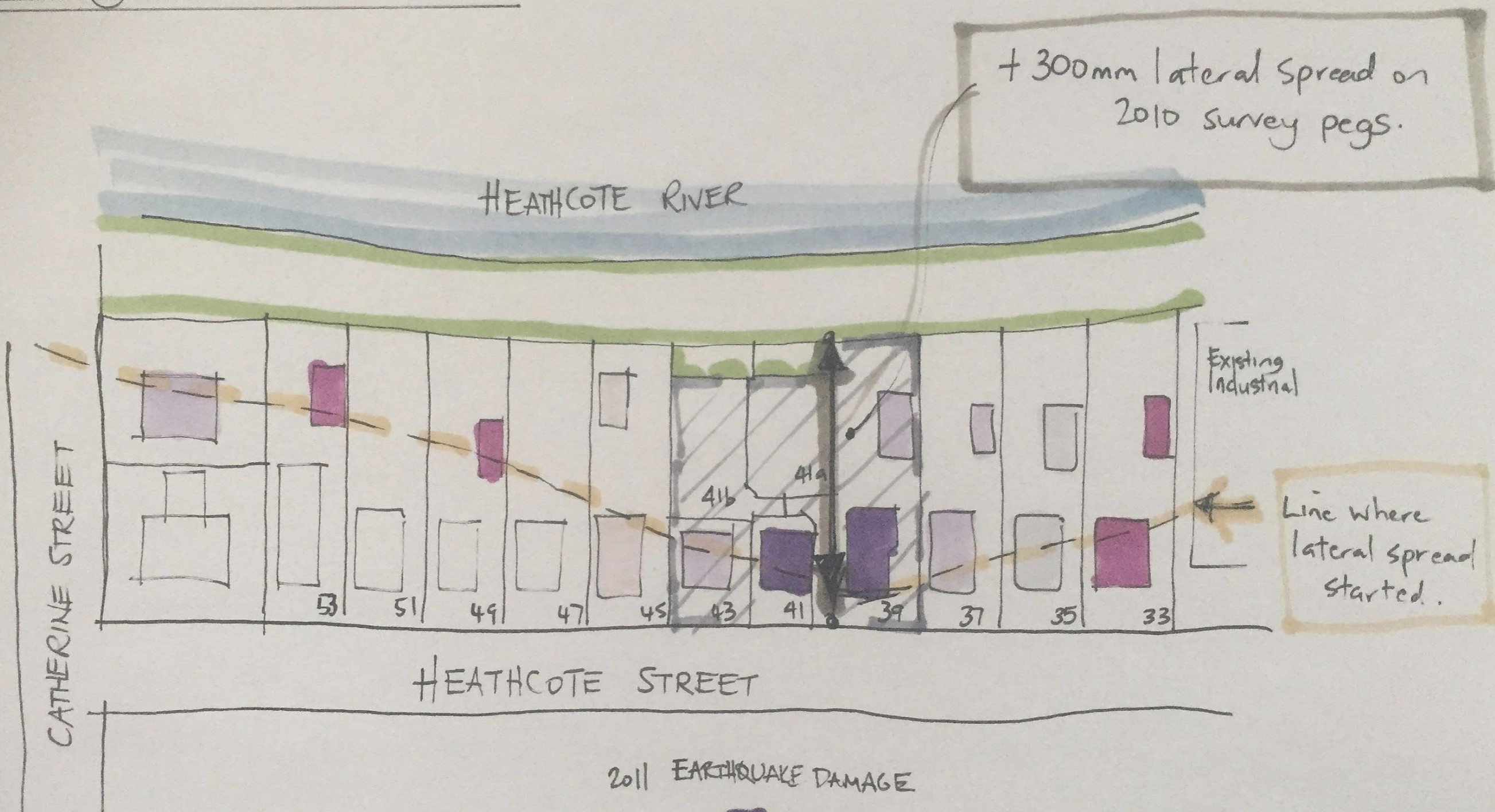
Ōpāwaho Heathcote River Dredging and Replanting


Flood Protection and Dredging

- I recognise that dredging of sediment above the Radley St Bridge is proposed as a flood management option in the Ōpāwaho Heathcote River together with the increased storage options in the upper catchment.
- While I understand the need to remove the white poplar species, I am concerned that the removal of all the existing large trees from both sides of the river, especially the N/Western Bank (true left), is going to leave a very scorched Earth landscape. It will take up to five years, or more, for the new native tall trees to be at an established height to protect the water quality of the Ōpāwaho Heathcote River.
- I am concerned about the loss of the large shade trees which maintain an appropriate water temperature to protect the valuable ecological balance of the water. This includes native eel, and Inaka species.
- There is community concern about the sudden and immediate loss of amenity values along this stretch of the river. The sense of canopy that currently exists provides a strong emotional and spiritual link to the Ōpāwaho Heathcote River.
- I am also concerned about the potential loss of the walking track on the true left of the river through this proposed work.
- I advocate that further discussions are held with the OHRN, the local stakeholders, and an arborist on the transition of works relating to the removal of these tall trees for the proposed dredging in the Radley Park area.






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- I advocates that a planned transition be incorporated into all dredging and restoration projects that allocates priority for the protection of water ecology.
- I would also like to see monitoring of the ecological effects of the proposed dredging.
- I would like to see modelling to predict how the river will respond to sea level rise, how the river may respond to future changes in estuary levels and help to inform the decisions of future dredging as a flood management tool.

EQ Damage + Lateral Spread.

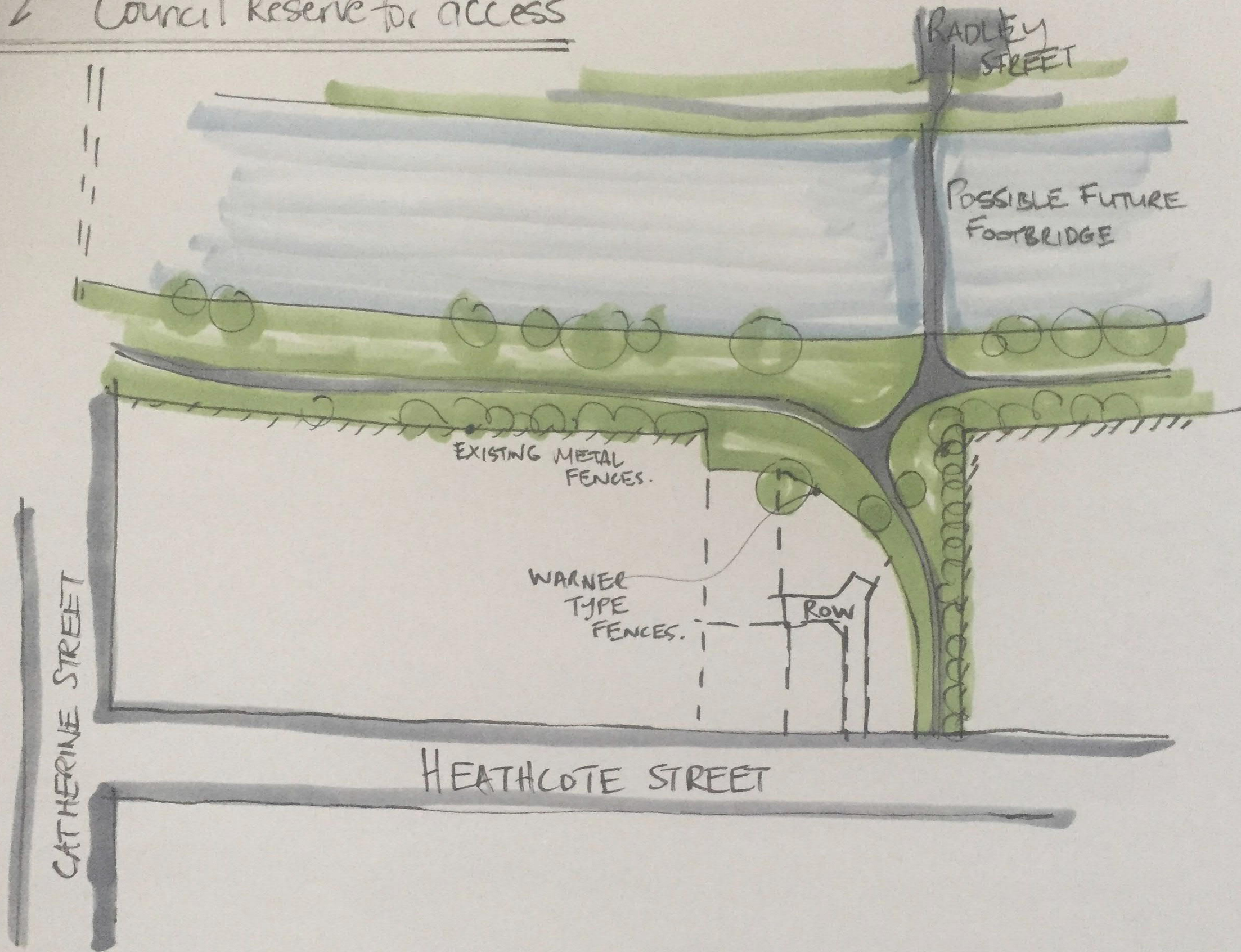


 Properties owned by myself (Puriri Trust).

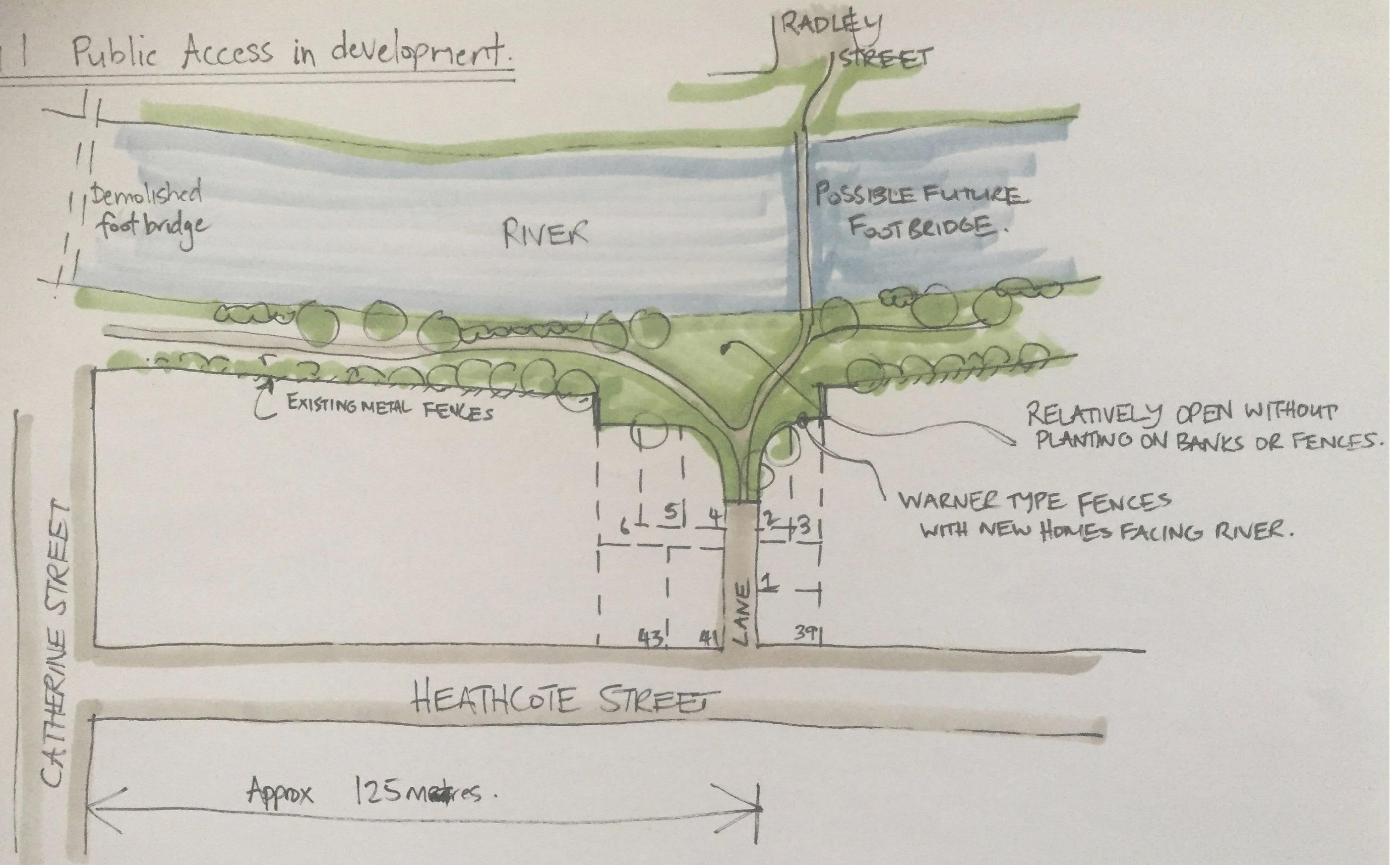
2011 EARTHQUAKE DAMAGE

-  Demolished + now vacant
-  Demolished + now rebuilt
-  Foundation rebuild paid out.
-  Foundation major repair.
-  Not insured in 2011.

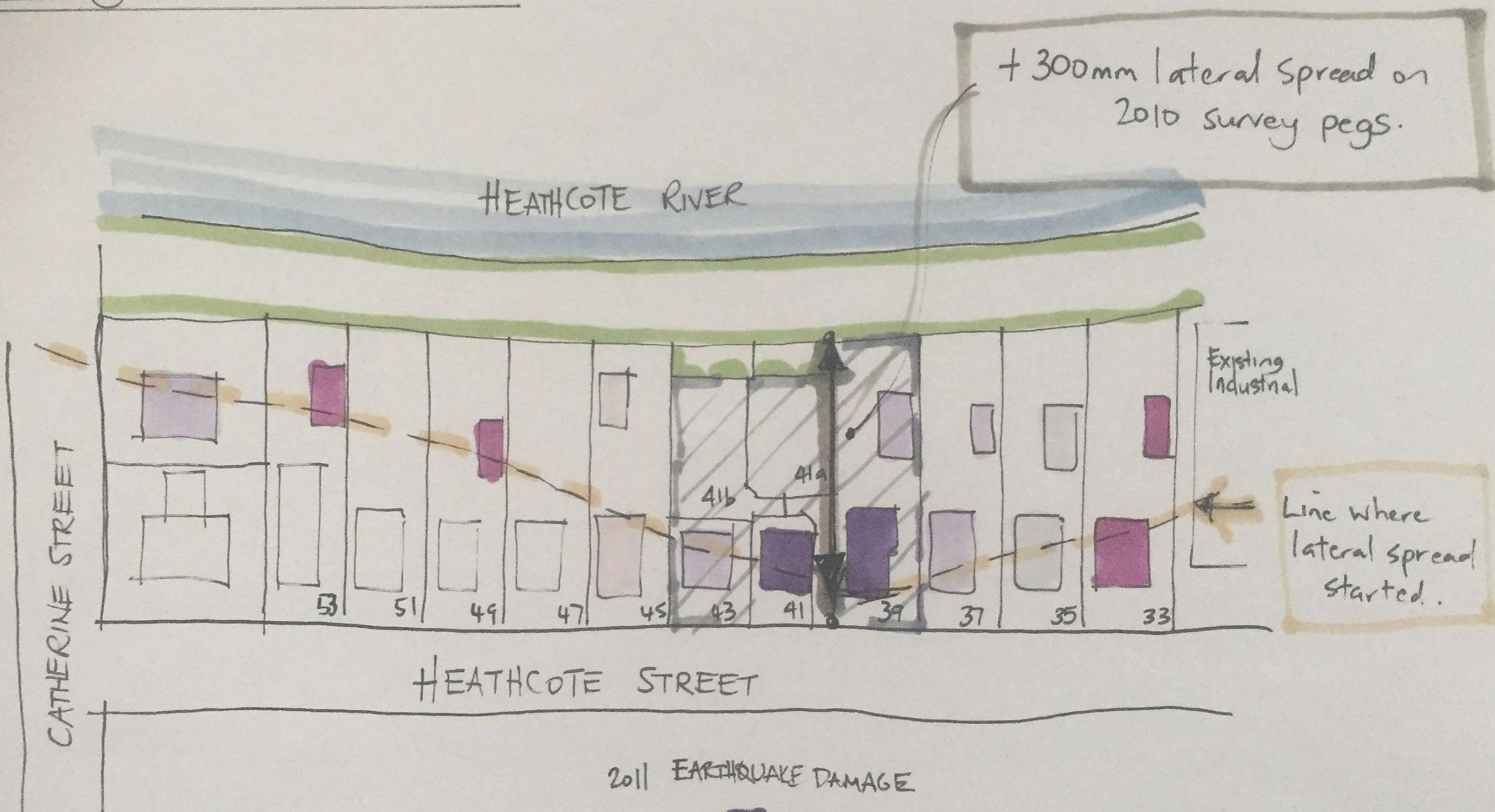
Option 2 Council Reserve for access




Option 1 Public Access in development.





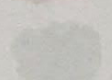


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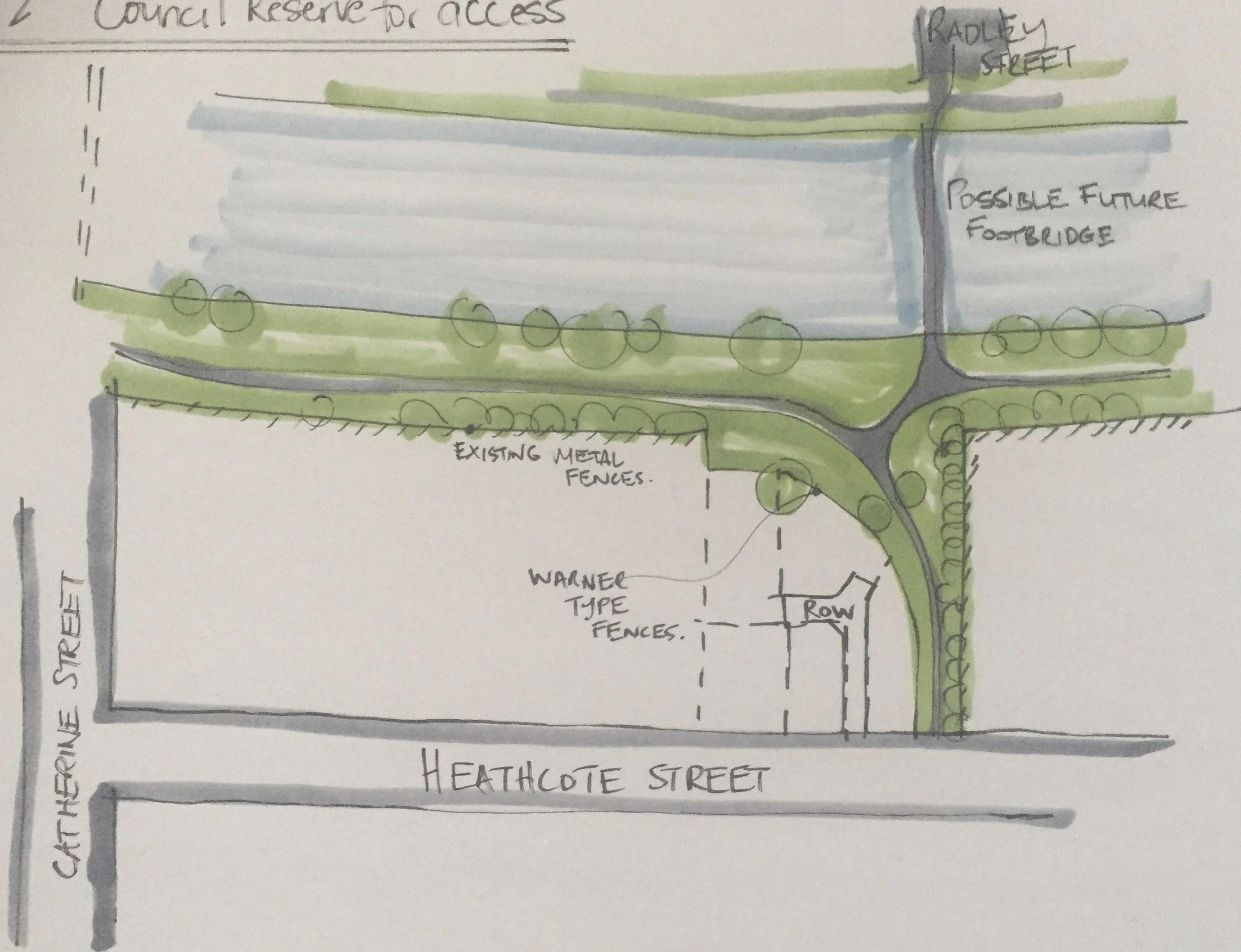


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Option 2 Council Reserve for access



Canterbury

District Health Board

Te Poari Hauora o Waitaha

Submission on Radley Park, Heathcote River Dredging and Landscape Plans

To: Christchurch City Council

Civic Offices
53 Hereford Street
Christchurch Central

Submitter: Canterbury District Health Board

Attn: Matt Willoughby
Community and Public Health
C/- Canterbury District Health Board
PO Box 1475
Christchurch 8140

SUBMISSION ON RADLEY PARK, HEATHCOTE RIVER DREDGING AND LANDSCAPE PLANS

Details of submitter

1. Canterbury District Health Board (CDHB).
2. The submitter is responsible for promoting the reduction of adverse environmental effects on the health of people and communities and to improve, promote and protect their health pursuant to the New Zealand Public Health and Disability Act 2000 and the Health Act 1956. These statutory obligations are the responsibility of the Ministry of Health and, in the Canterbury District, are carried out under contract by Community and Public Health under Crown funding agreements on behalf of the Canterbury District Health Board.
3. The Ministry of Health requires the submitter to reduce potential health risks by such means as submissions to ensure the public health significance of potential adverse effects are adequately considered during policy development.

Submission

4. We welcome the opportunity to comment on the Radley Park, Heathcote River dredging and landscape plans..
5. Health and wellbeing is influenced by a wide range of factors beyond the health sector. These influences can be described as the conditions in which people are born, grow, live, work and age, and are impacted by environmental, social and behavioural factors. They are often referred to as the 'social determinants of health'^[1].

^[1] Public Health Advisory Committee. 2004. *The Health of People and Communities. A Way Forward: Public Policy and the Economic Determinants of Health.* Public Health Advisory Committee: Wellington.

6. The most effective way to maximise people's wellbeing is to take these factors into account as early as possible during decision making and strategy development.
7. The CDHB supports the proposal.

Recreational Water

8. The Heathcote River at Catherine Street is routinely monitored by Environment Canterbury and regularly exceeds the Microbiological (E. coli) safe limits for recreational contact (Microbiological Water Quality Guidelines for Marine and Recreational Area, Ministry for the Environment (2003)). The main contaminants are duck and dog faeces which are washed into the river during heavy rainfall.
9. The CDHB supports the planting of riparian margins, as indicated by the illustrations in the proposal as these can help to improve water quality by reducing contaminant runoff into the river.

Flood Protection

10. The CDHB supports the dredging of the Heathcote River as this will help increase flow capacity and reduce flooding risk particularly during high rainfall events. Floodwater can contain pathogens and pose a risk to users/occupiers of buildings that are inundated during flooding events.

Conclusion

11. The CDHB does not wish to be heard in support of this submission.

12. Thank you for the opportunity to submit on Radley Park, Heathcote River Dredging and Landscape Plans.

Person making the submission



Dr Ramon Pink
Public Health Specialist

Date: 18/04/2018

Contact details

Matt Willoughby
For and on behalf of
Community and Public Health
C/- Canterbury District Health Board
PO Box 1475
Christchurch 8140

P +64 3 364 1777
F +64 3 379 6488

matt.willoughby@cdhb.health.nz



April 16 2018

RE: Radley Park and Heathcote River Dredging

SUBMISSION FROM SPOKES CANTERBURY

Spokes Canterbury is a local cycling advocacy group with approximately 1,200 members that is affiliated with the national Cycling Action Network (CAN). All submissions are developed online and include member's input. Spokes is dedicated to including cycling as an everyday form of transport in the greater Christchurch area.

We would like the opportunity to appear at any public hearing that is held to consider submissions on these projects. Should there be an officer's report or similar document(s) we would appreciate a copy(s).

If you require further information or there are matters requiring clarification, please contact our Submissions Convenor Dirk De Lu in the first instance. His contact details are:

4 Tisbury Lane

Cracroft, Christchurch 8022

Phone: 338 3270

Email: tisberries@gmail.com

Don Babe

Chairperson, Spokes Canterbury

Submission Radley Park & Heathcote River Dredging

The Opawaho River Route MCR goes up Clarendon Tce on its way to Ferry Road. This is a bit of a loop, good for accessing businesses, not that inviting for cycle commuters or the interested but concerned. Sheldon Street connects the MCR at Clarendon Tce and goes to Cumnor Tce where one can jog over to Radley Park. Through the park along the river is an existing route which can be used to follow the Towpath back to the Opawaho River Route MCR at the Dyers/Tunnel Road roundabout.

All planning here should include provision for at least 4 meter wide shared paths and/or separated 3 meter wide bidirectional cycle paths or 2m wide for each direction cycle paths. People are going to use this route to cycle as it is attractive, more direct and a good alternative to the busier cycling on the MCR. Preparing for the inevitable is responsive and cost effective.

Roimata Food Commons proposal can also help to create a safer environment for all park users and those passing through thereby supporting CPTED goals.

The lack of detailed lane widths, either existing or proposed makes submitting fraught. Council is asked to please provide all detail in consultation documents from the outset of all consultations. Spokes supports this project so long as it provides for the cycling infrastructure necessary as recommended in this submission.