

WCC Beach Grading Update #3

Task	% Completed	Estimated due date
§ Engagement of the project team includes CHP Wellington Ltd. (<i>technical expertise to the grading works, i.e. contract management</i>), 4Sight Consulting (<i>development and application of rescore consent with GWRC</i>) and Dr. Pete Wilson (<i>Ecologist</i>).	100%	Complete
§ Initial discussion with GWRC to understand resource consent requirements for lodgement.	100%	Complete
§ Outcome from initial meeting: ü Identify Mean High Water Spring (MWHS) to determine where grading is a permitted activity ü Establish environment/ecological assessment is required for consenting ü Establish notifying affected stakeholders as part of resource consent application	Noted.	Complete
§ Engagement of Cardno (<i>surveyor</i>) to identify MHWS – to start survey on 30 July 2021	100%	Complete
§ Physical survey work By Cardno <ul style="list-style-type: none"> • Identifying survey marks from previous work • Providing survey data from recently completed works • Information for site survey work completed • Topo survey nearly completed. Surveyor asked to extend the survey to 104 Owhiro Bay Parade to be compatible with the eCoast report. Survey data to be received next week. 	70%	13 August 2021

<p>§ Construction Methodology</p> <ul style="list-style-type: none"> ü The method statement of the proposed beach grading including: <ul style="list-style-type: none"> o Extent of works o Identifying zones whereby activity is permitted or not, i.e. east of bridge not requiring a resource consent whereas stream outlet (west of bridge) requires RC o Calculating expected volumes for removal using existing information, e.g. seawall levels, etc. <p>The above plan of the beach regrading area with some cross-sections to show what it is intended in the works to be issued today. This is to be forwarded to Council's Iwi Advisor for further discussions with the Iwi.</p> <ul style="list-style-type: none"> ü Collating info on existing rock revetment and carpark area - ongoing 	70%	13 August 2021
<p>§ Ecological Assessment (<i>actions so far</i>)</p> <ul style="list-style-type: none"> ü Exploring a number of available reports describing various ecological aspects, including birds, and habitats but we have been advised that a field survey will also be necessary for this work. ü Clarification on the bounds and extent of the works to designing and conducting an ecological assessment. ü Noting the subtidal areas and rocky reefs will be the most sensitive habitats and likely be affected if sand is pushed further down the beach towards the water. Smothering of these habitats is likely to have substantial adverse ecological effects. ü Noting there is the potential for shellfish beds in both intertidal and subtidal habitats, which will likely require surveying. ü Noting the river flowing onto the beach is marked in the regional plan as significant inanga spawning 	50%	13 August 2021

habitat. The actual issue is around access up the stream, rather than spawning habitat in that specific location. Consideration will be required if regrading will affect the stream.

- ü The area has an overlay for indigenous bird habitat and it has been noted that this area may be used by penguins – the site will need to be surveyed for burrows/potential habitat and bird presence.

- ü Exploring intertidal assessments only, including bird presence, penguin burrows/habitat, intertidal shellfish.

- ü Ecology site investigation completed this week.

- ü eCoast to be requested for a coastal processes report that isn't covered by their previous report. The info requested by GWRC is as follows:

- o Effects on shoreline stability (including dunes and nearshore) and the potential to create a coastal inundation hazard. You would need to provide a coastal processes report with the application. If material is removed is that going to create an erosion problem elsewhere? How often would it need to be done? What will the effects be on wave energy?

- Effects on the heritage values of structures and sites identified in Schedule E1 (heritage structures) or Schedule E4 (archaeological sites). I note that there a couple of Schedule E sites offshore – will the change in wave energy affect these sites?
- Ecologist asked to mark on a plan of Owhiro Bay where the possible penguin habitat is located.

§ Engagement with Affected Parties

- ü Meeting with Council's Iwi Senior Advisor, Monday next week

50%

30 July 2021

<ul style="list-style-type: none"> ü Council's Iwi Senior Advisor's meeting with Ngati Toa - completed and awaiting response / advise from Council's Iwi Senior Advisor ü Consultation DOC may not be required as proposed beach grading work is above MHWS ü Consultation with Forest & Bird pending ecology site investigation 		
§ Provide relevant documents to residents for review	0%	16 August 2021
§ Developing Resource Consent Documentation	5%	6 August 2021
§ Lodgement of Resource Consent Application	0%	20 August 2021
§ Procurement of Beach Grading Works	0%	31 August 2021
§ Co-Design of grading work with residents	0%	31 August 2021
§ Physical Works	0%	September 2021