

WCC Beach grading update #8

Task	% Completed	Estimated due date
<p>§ 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>).</p>	100%	Complete
<p>§ Initial discussion with GWRC to understand resource consent requirements for lodgement.</p>	100%	Complete
<p>§ Outcome from initial meeting:</p> <ul style="list-style-type: none"> 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
<p>§ Engagement of Cardno (<i>surveyor</i>) to identify MHWS – to start survey on 30 July 2021</p>	100%	Complete
<p>§ Physical survey work By Cardno</p> <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 completed. Surveyor asked to extend the survey to 104 Owhiro Bay Parade to be compatible with the eCoast report. 	100%	Complete

<ul style="list-style-type: none"> • Survey data provided to Engineer to finalise Construction Methodology. 		
<p>§ Construction Methodology</p> <ul style="list-style-type: none"> • 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 was issued last week.</p> <ul style="list-style-type: none"> • This construction plan was forwarded to Council's Iwi Advisor for further discussions with the Iwi. Still awaiting response. • Collating info on existing rock revetment and carpark area • Initial meetings with Fulton Hogan, both at CHP's office and on site to finalise construction scope, timeline and resources. • Drawings, specifications and schedule to be finalised after receiving Dr. Shaw Mead's report and is to be provided to Fulton Hogan by 8 October 2021. 	98%	8 October 2021
<p>§ Ecological Assessment</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. 	100%	17 September 2021

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 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.

- Ecology site investigation completed.
- 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?
 - o Effects on the heritage values of structures and sites identified in Schedule E1 (heritage structures) or

<p>Schedule E4 (archaeological sites). I note that there a couple of Schedule E sites offshore – will the change in wave energy affect these sites?</p> <ul style="list-style-type: none"> o Ecologist asked to mark on a plan of Owhiro Bay where the possible penguin habitat is located. DRAFT plan attached. Please note this is very prelim. from the Ecologist and may change in the final report. <ul style="list-style-type: none"> · Completed survey data provided to ecologist to finalise report. · Ecological report attached and has been provided to the following parties: <ul style="list-style-type: none"> o GWCR, DOC, Council's Iwi Team 		
<p>§ Engagement with Affected Parties</p> <ul style="list-style-type: none"> ü Meeting with Council's Iwi Senior Advisor. ü Council's hui with Taranaki Whānui and Ngāti Toa Rangatira held on Thursday 23 September 2021: <ul style="list-style-type: none"> • Presentation on planned works. • Advised that Iwi have no objections to the planned works. • Iwi's recommendation for the 'Archaeological Find' processes to be included in the Technical Specifications. ü Consultation DOC may not be required as proposed beach grading work is above MHWS <ul style="list-style-type: none"> • Met with <i>DOC</i> to discuss "<i>what is being proposed and where exactly the works will take place as that'll guide our involvement. It would also be good to understand the rationale, timing and frequency</i>". • <i>DRAFT construction plan provided to DOC whom then confirmed that there is no issues</i> 	<p>93%</p>	<p>30 September 2021</p>

with the planned works but would await the provision of the ecologist report.

ü Meeting with GWRC

- DRAFT survey plan was provided to GWRC showing the MWHS line which confirms that the planned grading works is outside the CMA. GWRC verbally agreed.
- GWRC advised that the PNRP earthworks rule (and will confirm) that the rule provides for earthworks that affect up to 3000m² of land in any 12 month period as a permitted activity. Confirmation received from GWRC that the PNRP rule does not apply to the beach re-grading works.
- GWRC requested a Construction Process report to demonstrate the effects of the beach degrading works, i.e. effects of taking the beach material off site – ongoing.

ü Meeting with Shaw Meads (eCoast):

- Mr. Meads agreed with the methodology regarding taking the beach material away rather than pushing into the CMA.
- Mr. Meads engaged by Council to develop and provide the Construction Process Report. Confirmation from Mr. Meads that the report will be submitted by 30 September 2021.

ü Consultation with Forest & Bird pending ecology site investigation

§ Provide relevant documents to residents for review

- Meeting to be set up with the Residents Association.

0%

8 October 2021

§ Developing Resource Consent Documentation

5%

8 October 2021

§ Lodgement of Resource Consent Application

0%

8 October 2021

<p>§ Procurement of Beach Grading Works</p> <ul style="list-style-type: none"> • Scope of work and site visit completed for Fulton Hogan to plan plant and labour. • Finalised drawings, specifications and Price Schedule to be provided. 	10%	8 October 2021
§ Co-Design of grading work with residents	0%	8 October 2021
§ Physical Works	0%	Mid-October 2021