

1. Definitions and explanation of terms

The table below defines the acronyms and terms used in the conditions.

Abbreviation/acronym	Term
AEE	Assessment of environmental effects
Application	The applications for resource consents and supporting information submitted.
CEMP	Construction Environmental Management Plan
Certification	In relation to a management plan, means assessed by Council staff acting in a technical certification capacity and, in particular, whether the document or matter is technically consistent with the requirements contained within the conditions of this consent
CLMP	Contaminated Land Management Plan
Completion of Construction	When construction of the Project (or the relevant part of the Project) is complete and available for use.
Consent Holder	Holder of the resource consent (Wellington Water Limited)
Construction Works	Activities undertaken to construct the Project under these resource consents
CPTED	Crime Prevention Through Environmental Design
CTMP	Construction Traffic Management Plan
HCC District Plan	City of Lower Hutt District Plan
DOC	Department of Conservation
DSI	Detailed site investigation
DSMP	Dewatering Settlement Monitoring Plan
EMP	Ecological Management Plan
ESC	Erosion and sediment control(s)
ESCP	Erosion and Sediment Control Plan
Fish passage	The movement of fish within and between any river, including up-stream or downstream in that river.
Flowing channel	Part of the river channel where water is flowing in the general path of the river course
GWRC	Greater Wellington Regional Council
HAIL	Hazardous Activities and Industries List
HCC	Hutt City Council
HNZPT	Heritage New Zealand Pouhere Taonga

Abbreviation/acronym	Term
Manager	The Manager, Environmental Regulation GWRC and/or the Team Leader, Resource Consents HCC and/or Team Leader, Resource Consents, UHCC (as relevant) or their authorised delegate
Mana Whenua	Taranaki Whānui ki Te Upoko o Te Ika (Taranaki Whānui) and Ngāti Toa Rangatira (Ngāti Toa) or their authorised delegates or representatives
MfE	Ministry for the Environment
NES	National Environmental Standard
NESFW	Resource Management (National Environmental Standards for Freshwater) Regulations 2020
NES Soil	Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011
Operational and Maintenance work	Any work or on-going maintenance required once the construction of the Project and post construction monitoring, is complete
Project	The construction, operation and maintenance of the Silverstream Pipeline Replacement Project and associated works
Project area	The extent of Project works as shown on Figure 2 (Appendix B of AEE)
PNRP	Proposed Natural Resources Plan for the Wellington Region (as at 23 August 2021)
PSI	Preliminary Site Investigation
River bed	The space of land which the waters of the river cover at its fullest flow without overtopping its banks.
RMA	Resource Management Act 1991
SH 2	State Highway 2
SQEP	Suitably qualified and experienced practitioners for the purposes of the assessment of contaminated land (Guidance on what is expected of the SQEP is provided in the <i>NES Soil Users' Guide 2012</i>)
Pond	Sediment retention pond
Stage(s)	A specific works area or new land or river disturbing activity associated with the construction of the Project as nominated by the Consent Holder
Start of Construction	The time when Construction Works commence
Suitably Qualified and Experienced Person	A person (or persons) who can provide sufficient evidence to demonstrate their suitability and competence, including

Abbreviation/acronym	Term
	appropriate experience on similar projects, in the relevant field of expertise
TSS	Total suspended solids
TTM	Temporary traffic management
UDLP	Urban Design and Landscape Plan
UHCC	Upper Hutt City Council
Waka Kotahi	Waka Kotahi NZ Transport Agency
Working Day	Has the same meaning as in section 2 of the RMA.

2. General conditions

Except as specified otherwise, the following conditions shall apply to all resource consents as relevant.

Condition number	Condition
General Condition	
G1.	<p>Except as modified by the conditions below, and subject to final design, the Project shall be undertaken in general accordance with the following plans and supporting design information:</p> <p><i>Plans XX</i></p> <p><i>Advice Notes:</i></p> <p><i>For the avoidance of doubt, none of these conditions prevent or apply to works required for the ongoing operation or maintenance of the Project following construction.</i></p>
Management Plan Process	
G2.	<ol style="list-style-type: none"> a) The Consent Holder shall prepare, submit, have certified and implement the management plans listed in Table 1 that satisfy the specific conditions which apply to each management plan b) The preparation of all plans and all actions required by these conditions must be undertaken by a Suitably Qualified and Experienced Person c) The Consent Holder may prepare and submit management plans in parts or in stages to address specific activities or to reflect the staged implementation of the Project. d) If the Manager's response is that they are not able to certify the management plan the Consent Holder may request that the Manager provide reasons and recommendations for changes to the management plan in writing. The Consent Holder may then consider any of the reasons and recommendation of the Manager and resubmit a revised Management Plan to be certified. e) Should certification of a revised plan (or part) be refused, then the Consent Holder may, within 10 Working Days of the refusal, engage a suitably qualified, mutually acceptable independent expert to resolve the matters in dispute. The expert shall resolve the matters within 10 Working Days of being engaged and his or her decision shall be final. The cost of such a process will be met by the Consent Holder. f) The Consent Holder must not commence Construction Works within the area to which a management plan applies until the required management plan(s) has been certified or resolved in accordance with paragraph G2(e). <p><i>Note: Management plans must be emailed to notifications@gw.govt.nz, resourceconsents@uhcc.govt.nz or resourceconsents@huttcity.govt.nz as relevant and include the consent reference WGN20XXXX (GWRC) or RM20XXXX (HCC) or 20XXXX (UHCC).</i></p>

Table 1: Management Plan table

Management Plan	Decision pathway	When to submit	Expected consent authority response time	Duration for implementation
Construction Environmental Management Plan	Certification to GWRC, HCC, & UHCC	Prior to the Start of Construction Works	20 Working Days	Duration of Construction Works
Erosion and Sediment Control Plan	Certification to GWRC Information to UHCC and HCC	Prior to the Start of Construction Works	20 Working Days	Duration of Construction Works
Dewatering Settlement Monitoring Plan	Certification to GWRC	Prior to the Start of Construction Works	20 Working Days	Duration of dewatering activities
Ecological Management Plan, including sections on: <ul style="list-style-type: none"> • Vegetation Removal Management • Planting Management • Lizard Management • Avifauna Management • Aquatic Habitat Management 	Certification to GWRC, HCC & UHCC	Prior to the Start of Construction Works	20 Working Days	As specified in Ecology Management Plan
Contaminated Land Management Plan	Certification to HCC	Prior to the start of Construction Works	20 Working Days	Duration of Construction Works
Urban Design and Landscape Plan	Certification to HCC & UHCC	Prior to the Start of	20 Working Days	As specified in the UDLP

	Information to GWRC	Construction Works		
G3.	<p>Any certified management plan may be amended, if necessary, to reflect any non-material changes in design, construction methods, monitoring requirements or management of effects without the need for certification. For clarity, non-material changes are where;</p> <ul style="list-style-type: none"> a) the amendment/s have no, or a de minimis adverse effect on the environment, or is a change that results in an improved environmental outcome; b) the amendment is an administrative change, including nominating personnel; <p>Where non-material changes are made to a management plan it shall be provided to the Manager as a consolidated update on an annual basis.</p>			
G4.	<p>Any material changes to a certified management plan must be submitted in writing to the Manager for certification at least 10 Working Days prior to those amendments being intended to be implemented.</p> <p>A material change will include a change to any base information informing the management plan or any process, procedure or method of the management plan, which has the potential to noticeably change the nature, location or duration of adverse effects on a particular receiver or receiving environment.</p>			
G5.	<p>If no comments are received on a management plan submitted under G2(c), or an amended management plan under (G4), within 20 Working Days, then the management plan is deemed to have been certified and the Consent Holder may implement the plan or the amendment(s).</p>			
G6.	<p>Except as provided for in condition G3, amendments to management plans must be certified in writing by the Manager prior to the commencement of any works to which the amended management plan(s) relate.</p>			
Review				
G7.	<ul style="list-style-type: none"> a) The Manager may, under section 128 of the RMA, initiate a review of any or all conditions of the resource consents, within six months of the first, second, third, fourth and fifth anniversaries of the Start of Construction Works. b) A review of conditions under clause (a) allows for the consideration of the following: <ul style="list-style-type: none"> i. the modification of monitoring activities, including the frequency of the monitoring; or ii. the deletion, amendment or addition of new conditions necessary to avoid, remedy, or mitigate any significant adverse effects. 			
Accidental Discovery				
G8.	<p>If kōiwi, taonga, wāhi tapu or other archaeological material is discovered in any area during the Construction Works, work within 20 metres of the discovery must immediately cease and the Consent Holder must notify Greater Wellington Regional Council, Port Nicholson Block Settlement Trust, Te Rūnanga o Toa Rangatira Inc and Heritage New Zealand as soon as possible, but within twenty-four hours. If human remains are found, the New Zealand Police must also be contacted immediately. The Consent Holder must allow the above parties to inspect the site and in consultation with them, identify what needs to occur before Construction Works can resume.</p>			

Notification must be emailed to;

- a) Greater Wellington Regional Council, notifications@gw.govt.nz;
- b) Heritage New Zealand, information@heritage.org.nz;
- c) Port Nicholson Block Settlement Trust, taiao@portnicholson.org.nz; and
- d) Te Rūnanga o Toa Rangatira Inc, resourcemanagement@ngatitoea.iwi.nz.

Heritage New Zealand must also be contacted by phone on 04 472 4341 (National Office).

Note: Evidence of archaeological material may include burnt stones, charcoal, rubbish heaps, shell, bone, old building foundations, artefacts and human burials

Complaints

G9. At all times during Construction Works the Consent Holder must maintain a permanent register of any complaints received alleging adverse effects from, or related to, the Works. As far as practicable the register must include:

- a) The name, phone number and address (where this has been provided) of the complainant;
- b) The nature of the complaint;
- c) Location, date and time of the complaint and also of the alleged event;
- d) Weather conditions at the time of the event and including wind direction and approximate wind strength if the complaint relates to air quality, odour or noise and where weather conditions are relevant to the complaint;
- e) The outcome of the Consent Holder investigation into the complaint;
- f) Measures taken to respond to the complaint or confirmation of no action if deemed appropriate;
- g) Any other activities in the area, unrelated to the Project, which may have contributed to the complaint (such as construction undertaken by other parties, fires, traffic accidents or any unusual atmospheric conditions generally);
- h) Actions (if any) to be taken in the future to prevent occurrences of similar events and complaints.

G10. The Consent Holder must:

- a) Promptly investigate, identify the urgency associated with the complaint and communicate that to the complainant;
- b) Respond to complaints related to Construction Works as soon as reasonably practicable and as appropriate to the circumstances;
- c) Take reasonable steps to remedy or mitigate the matters giving rise to the complaint if there are reasonable grounds for the complaint within 10 Working Days of receiving the complaint or such sooner time as may be reasonably necessary in the circumstances; and
- d) The Consent Holder must also maintain a record of its responses and any remedial actions undertaken

This record must be maintained on site and shall be made available to the Manager upon request.

Incidents

G11.	<p>The Consent Holder must notify the Manager within one Working Day or as soon as practicable after identifying adverse effects on the receiving environment as a result of any of the following incidents:</p> <ul style="list-style-type: none">a) Discharges from non-stabilised areas that are not treated by erosion and sediment control measures as required under this consent; and/orb) Failure of any erosion and sediment control measures (including diversions);c) Discharge of a hazardous substance(s), including cement, to a water body;d) Un-consented removal, loss or damage to vegetation or aquatic habitat;e) Any other incident which either directly or indirectly causes, or is likely to cause, adverse ecological effects in any water body (including groundwater) that is not authorised by a resource consent held by the Consent Holder; andf) Any other incident which is likely to adversely affect the quality of the water used for public reticulated water purposes. <p>This notification shall be either by telephone or email, or via an alternative method as agreed with the Manager.</p>
G12.	<p>If any of the incidents specified in Condition G11, or any other environmental incident occur, the Consent Holder must:</p> <ul style="list-style-type: none">a) Establish control measures, where these have failed or have not been implemented in accordance with the relevant management plan, as soon as practicable;b) Liaise with the Manager to establish what remediation or rehabilitation is required and whether such remediation or rehabilitation is practical to implement;c) Carry out any remedial action as required to the satisfaction of the Manager; andd) Maintain a permanent record of the incident at the site. The record must include:<ul style="list-style-type: none">i. the date and time of the incidentii. the nature, manner and cause of the incidentiii. weather conditions at the time of the incidentiv. Assessment of the effects of the incidentv. The steps taken to prevent any further occurrence of a similar event(s)vi. Measures taken to remedy the effects of the incident
G13.	<p>The incident record in Condition G12 must be maintained on-site and made available to the Manager upon request.</p>

Construction Environmental Management Plan

G14.	<p>The Consent Holder must prepare a Construction Environmental Management Plan (CEMP). The purpose of the CEMP is to confirm the management procedures and construction methods to be used, in order to avoid, remedy or mitigate potential adverse effects arising from Construction Works.</p>
G15.	<p>The CEMP must include:</p>

- a) Roles and responsibilities of construction management staff, including the overall manager responsible for environmental management;
- b) Details of the construction programme and the staging approach for Construction Works;
- c) General site layout;
- d) Proposed hours of work and key construction periods throughout the duration of Construction Works that require specific management procedures or methods (e.g. seasonal restrictions);
- e) A description of training and induction requirements for all site personnel (including employees, sub-contractors and visitors) to inform and train all persons undertaking Construction Works of potential environmental issues and how to avoid remedy or mitigate any potential adverse effects;
- f) Procedures for ensuring that network utility operators, road users and businesses in the immediate vicinity of construction areas are given prior notice at least 20 Working Days prior to the Start of Construction and are informed about the expected duration and effects of the work;
- g) Procedures for ensuring that Manor Park Golf Course is given prior notice at least 20 Working Days prior to the Start of Construction Works within Manor Park Golf Course, and is informed of the expected duration and effects of those works likely to affect golf course operations.
- h) Details of any public access restrictions to the river corridor and what measures will be in place to minimise disruption to public access;
- i) Details of temporary traffic management measures, including those for pedestrians and cyclists, to be implemented during construction;
- j) Measures to be adopted to maintain all land affected by Construction Works in a tidy condition in terms of disposal / storage of rubbish, storage and unloading of construction materials and similar activities;
- k) The location of construction site infrastructure including site offices, site amenities, locations of refuelling activities, locations of plant maintenance activities, contractors' yard access, equipment unloading and storage areas, contractor car parking and security;
- l) Procedures and triggers that will be in place to ensure that construction equipment is removed from the flood plain to avoid flood waters mobilising equipment, materials or machinery
- m) Means of providing for the health and safety of the general public;
- n) Procedures for the refuelling and maintenance of plant and equipment;
- o) Appropriate management triggers that initiate on-site investigation of erosion and sediment controls and supporting monitoring and reporting measures;
- p) Measures to address the storage of fuels, lubricants, hazardous and/or dangerous materials, along with contingency procedures to address emergency spill response(s) and clean up procedures;
- q) Procedures for responding to complaints about Construction Works;
- r) Procedures for incident management including accidental spills

	<ul style="list-style-type: none"> s) Environmental monitoring and reporting requirements; t) Methods for controlling dust and the removal of debris or construction materials from public roads or places; u) Methods for monitoring and controlling construction noise v) Methods to address the safety, integrity, protection and (where necessary) the relocation of existing network utilities. This must include any specific measures agreed with the asset owner; w) Methods for updating the CEMP as required.
G16.	<p>The Consent Holder must provide the draft CEMP to:</p> <ul style="list-style-type: none"> a) Mana Whenua b) DOC <p>and allow 20 Working Days for these entities to provide comments. The Consent Holder must consider any comments received during the 20 Working Day period, and may, in its discretion, amend the CEMP in response.</p>
Urban Design, Landscape and Visual	
G17.	<p>The Consent Holder must submit a Urban Design and Landscape Plan (UDLP).</p> <p>The purpose of the UDLP is to:</p> <ul style="list-style-type: none"> a) Integrate the Project's permanent works into the surrounding river environment and integrate the cultural and environmental elements of the Project. b) Support the design of landscape planting, restoration planting and habitat rehabilitation where practicable.
G18.	<p>The UDLP shall be in general accordance with Figures 5, 5a, 5b, 6 and 6a in the Graphic Supplement in Appendix G and must be prepared having regard to:</p> <ul style="list-style-type: none"> a) Hutt River Environmental Strategy Action Plan 2018 b) Hutt River Floodplain Management Plan 2001 c) CPTED principles d) Waka Kotahi's 'Bridging the Gap' e) Waka Kotahi's Landscape Design Guidelines f) Any other relevant management plans certified under this consent, in particular the EMP g) Any other relevant industry standards
G19.	<p>Prior to preparation of the UDLP the Consent Holder shall invite Mana Whenua to meet and discuss their objectives in relation to the urban and landscape design elements of the project. Should Mana Whenua not respond to the invitation to meet within 10 Working Days, then the Consent Holder will be considered to have satisfied this condition.</p>
G20.	<p>The Consent Holder must provide the draft UDLP to:</p> <ul style="list-style-type: none"> a) Mana Whenua b) Hutt City Council (parks and reserves); c) Upper Hutt City Council (parks and reserves);

	<ul style="list-style-type: none"> d) Forest and Bird Lower Hutt e) Forest and Bird Upper Hutt f) GWRC Flood Protection <p>and allow 20 Working Days for these entities to provide comments. The Consent Holder must consider any comments received during the 20 Working Day period, and may, at its discretion, amend the UDLP in response.</p>
G21.	The Consent Holder must include a summary of the consultation undertaken in accordance with condition G19 and G20 and shall document how input from the parties listed in condition G20 has or has not been incorporated in the UDLP or supporting information.
G22.	<p>The UDLP must include, as a minimum:</p> <ul style="list-style-type: none"> a) Detailed drawings of the landscape treatment of all permanent structures and design features, including the following: <ul style="list-style-type: none"> i. Pedestrian and cycle path layouts and maintenance access tracks; ii. Permanent structures (bridge, pipeline, access embankments, retaining walls, approach structures); iii. Amenity and safety elements including signage, safety barriers b) Design treatment of: <ul style="list-style-type: none"> i. The pipe bridge and associated infrastructure, including the pipeline, and any above ground structures. ii. Landscape and public space features for identifying and interpreting cultural features, including sitting areas, bridge approach entrance features, and recreation spaces; iii. Signage for wayfinding and interpretation iv. Environmental design measures to support crime prevention (CPTED or superseding industry standard) principles c) Restoration and amenity planting and habitat enhancement required for the Project having particular regard for the integration of landscape and amenity benefits with the planting required by condition G31. d) Detailed design of lighting to contribute to CPTED outcomes and mitigation of effects on avifauna. e) The Planting Establishment and Management section of the EMP.
Ecological Management Plan	
G23.	<p>The Consent Holder must engage a Suitably Qualified and Experienced Person to prepare an Ecological Management Plan (EMP). The purpose of the EMP is to:</p> <ul style="list-style-type: none"> a) Set out the overall ecological management programme that will be implemented to appropriately manage effects of the Project on ecological values during the construction Stage; b) Where appropriate, ensure that any long-term effects on indigenous flora and fauna are appropriately managed through monitoring and response measures; c) Ensure that mitigation is successful by establishing post-construction monitoring and response procedures where appropriate.

G24.	<p>The EMP must include, as a minimum:</p> <ul style="list-style-type: none"> a) The permanent mitigation measures, including the restoration, management and maintenance of ecological mitigation; b) Accidental discovery protocols for Threatened or At Risk fauna (as per condition G27). c) The specific content identified below as appendices or specific sections within the EMP, namely: <ul style="list-style-type: none"> i. A Vegetation Removal Management section in accordance with condition G29 ; ii. Planting Establishment and Management section in accordance with condition G31; iii. Lizard Management section in accordance with condition G33 iv. Avifauna Management section in accordance with condition G35; v. An Aquatic Habitat Management section in accordance with condition G38; d) Details of habitat restoration implementation timing; <p>Roles and responsibilities for ecological management across the Project.</p>
G25.	<p>The Consent Holder must provide the draft EMP to:</p> <ul style="list-style-type: none"> a) Mana Whenua b) DOC c) Forest and Bird Upper Hutt d) Forest and Bird Lower Hutt e) Fish and Game <p>and allow 20 Working Days for these entities to provide comments. The Consent Holder must consider any comments received during the 20 Working Day period, and may, at its discretion, amend the EMP in response.</p>
G26.	<p>Prior to any Construction Works in the unnamed tributary identified on Figure 1 of the Ecological Impact Assessment (Appendix F of the AEE), the Consent Holder must engage a Suitably Qualified and Experienced Person to undertake pre-construction monitoring/survey to identify the presence of aquatic fauna. The results of this survey shall be reported to the Manager and reflected in the EMP.</p>
G27.	<p>In the event that any <i>At Risk</i> or <i>Threatened</i> flora and fauna (as defined in the current version of the New Zealand Threat Classification System) are discovered on site that are not specifically addressed by other conditions of this consent, Construction Work must stop within 10 metres of the discovery and the Project ecologist alerted. The Consent Holder must allow the Project ecologist to inspect the discovery site and in consultation with them, identify what needs to occur before Construction Works can resume in that location.</p> <p><i>Advice Note: The Consent Holder will comply with all relevant provisions of the Wildlife Act 1953</i></p>
G28.	<p>The Consent Holder must report the results of any capture and relocation programmes for lizards and freshwater fish to the Manager following implementation, including:</p> <ul style="list-style-type: none"> a) Location of any species salvaged; b) Species types and numbers salvaged; c) Where salvaged species have been relocated to; and

d) Timing of salvage and relocations

Vegetation Removal

- G29. The Vegetation Removal and Management section of the EMP must include as a minimum:
- a) Methods to minimise vegetation loss including:
 - (i) One pre-construction site walkover with contractors to allow for the physical delineation of vegetation to be retained and for these areas to be marked on appropriate plans; and
 - (ii) A plan identifying all of the areas where vegetation clearance is required, including the footprint of that clearance;
 - b) Methods and criteria for identification of vegetation to be retained, including retention of as many as practicable significant trees and areas of regenerating indigenous vegetation;
 - c) Identification and a methodology for any vegetation requiring relocation or translocation. Vegetation shall be relocated within the Project Area where practicable or otherwise translocated to the closest suitable habitat outside of the Project Area;
 - d) A methodology to avoid and otherwise minimise effects on the black shag roost/nest trees identified pursuant to conditions G36 and G37
 - e) Identification of periods when vegetation clearance must be avoided or otherwise managed to minimise effects on avifauna and lizards in accordance with conditions G33.and G35.

- G30. Prior to Construction Works commencing the Consent Holder and their nominated construction contractor must conduct a site walkover with a Suitably Qualified and Experienced Person to identify areas where the 12 m corridor for pipeline trenching purposes can be reduced to the minimum practicable construction corridor of 7 m, to minimise effects on existing indigenous vegetation.
- Areas where the construction corridor can be reduced must be clearly marked/delineated on-site at the time of the walkover with any certified design and/or construction plans, including management plans, revised accordingly.

Planting Establishment and Management

- G31. To implement the restoration planting required by Condition G23, the Planting Establishment and Management section of the EMP must include the following:
- i. Revegetation of a minimum of 2.9 ha of indigenous replanting as shown on the landscape Concept Plan (Figure 5 of the Graphic Supplement in Appendix G)
 - ii. Plan(s) to scale showing the location of all proposed areas to be planted and proposed species mix
 - iii. The native species that are proposed to be planted, the size of the plants and the density of planting; all plant species shall be eco-sourced and appropriate to the locality
 - iv. A detailed timeline for proposed planting
 - v. Details of pre-planting site preparation (clearing, mulching, fertilising)
 - vi. Details of the on-going maintenance of the planting including the replacement of plants, future management, and eradication of pest plants

	<ul style="list-style-type: none"> vii. Details of enrichment and replacement planting, including timeframes to ensure a plant success rate of at least 80% canopy cover is achieved within 5 years viii. Details of how plants will be protected from pest animals ix. Details of the sourcing of native plants including genetic sourcing of native plants from the Wellington Ecological District including the use of <i>Threatened</i> and <i>At Risk</i> species and species that provide food sources for native fauna; x. A description of the consideration given to native bird and lizard habitat and food sources during the plant species selection process; xi. Planting methods including trials where applicable; xii. Planting programme which includes the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of works in relevant areas xiii. Ground preparation (top soiling and decompaction); xiv. A maintenance regime for new planting; xv. Methods to monitor the performance of any new or re/translocated planting;
G32.	<p>The Consent Holder shall implement planting required under Condition G31 on a staged basis (unless otherwise agreed to by the Manager) during construction to minimise as far as practicable the lag between the construction effects and the works required to manage those effects.</p> <p>Planting which is not impacted by construction activities must be completed no later than one year following Completion of Construction unless an alternative timeframe is otherwise agreed to by the Manager.</p>

Lizard Management

G33.	<p>The Lizard Management section of the EMP must include:</p> <ul style="list-style-type: none"> a) A description of the lizard habitats present within the Project footprint; b) Lizard species potentially present; c) Roles and responsibilities for lizard management; d) Measures required to avoid, remedy and mitigate adverse effects on resident native lizard populations, including: <ul style="list-style-type: none"> i. Vegetation clearance and construction protocols; ii. Methodology for lizard salvage and capture in general accordance with those measures identified in the Landscape Plans (Figure 6 of the LVEA Graphic Supplement); iii. Timetable for implementation, noting that vegetation clearance in potential lizard habitats should be avoided during colder months (May - August inclusive) when lizards are less active and less likely to be detected or to survive relocation; iv. Details of the proposed relocation site(s) v. Details for post release monitoring; and criteria for when such monitoring would be required (i.e. only if large numbers and/or threatened species are found); vi. Procedures for accidental discovery of lizards during Construction Works. e) Consideration of lizard habitat features and plant species to enhance lizard habitat
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	f) Mechanisms to update the Lizard Management section of the EMP to achieve consistency with any authorisation given by the Director-General of Conservation under section 53 of the Wildlife Act 1953 where any such authorisation is required.
G34.	The Consent Holder must provide the draft Lizard Management section of the EMP to the Department of Conservation and the Lower Hutt and Upper Hutt branches of Forest and Bird and allow 20 Working Days for these entities to provide comments. The Consent Holder must consider any comments received during the 20 Working Day period, and may, in its discretion, amend the Lizard Management section in response.

Avifauna Management

G35.	<p>The Avifauna Management section of EMP must include:</p> <ul style="list-style-type: none"> a) Measures required to avoid or otherwise minimise potential adverse effects on avifauna including: <ul style="list-style-type: none"> i. Measures to light the bridge from dusk to dawn during Construction Works, from the point in which cable installation occurs to launching of the bridge to its permanent location, to minimise bird-strike ii. Measures to light the bridge and cables from dusk to dawn during operation of the bridge to minimise bird-strike iii. The methodology and timing for pre-construction surveys of nesting and roosting shags in the willow trees along the banks of Te Awa Kairangi/Hutt River in accordance with Conditions G36 and G37; iv. The methodology to monitor nesting shags within exclusion zones; v. Identification of breeding periods for shag species when vegetation clearance must be avoided or otherwise managed to minimise effects on avifauna; vi. Details of an escalation or adaptive management procedure to respond to signs of nest abandonment as a result of Construction Works near shag nesting trees (if present); b) The identification of key avifauna personnel, including their roles and responsibilities.
G36.	Prior to any willow trees being felled along the riverbank a pre-clearance check for roosting shags must be conducted by a Suitably Qualified and Experienced Person. If roosting shags are detected, felling must not occur until the shags have left the trees.
G37.	<p>Prior to any willow trees being felled along the banks of Te Awa Kairangi/Hutt River a pre-clearance check for nesting shags must be conducted by a Suitably Qualified and Experienced Person.</p> <p>If nesting shags are detected, an exclusion zone should be established around the tree(s) in which Construction Works must not occur until nesting activities are completed. The size of the exclusion zone shall be determined by the Suitably Qualified and Experienced Person.</p>

Freshwater Ecology

G38.	<p>The Aquatic Habitat Management section contained within the EMP must include:</p> <ul style="list-style-type: none"> a) Details of the methodology to be followed for fish salvage and relocation, which must provide for:
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	<ul style="list-style-type: none"> i. Suitable fish and aquatic fauna recovery procedures for the range of fish species likely to be encountered (e.g. electric fishing, nets/traps, slow dewatering and sorting through dewatered materials) prior to works in flowing water commencing; ii. Consideration of relocation to habitat of suitable refugia outside of the impact area (e.g. upstream or downstream of construction impact); and iii. Measures to manage the timing of Construction Works in respect of site conditions (flows and river levels) and to avoid, where practicable, peak fish migration and spawning seasons; <p>b) The identification of key aquatic ecology personnel, including their roles and responsibilities.</p> <p><i>Note: fish recovery and relocation is required prior to any construction works commencing in flowing water and if a Suitably Qualified and Experienced Person determines it is required prior to recommencement of construction activities in flowing water following heavy rainfall or flood events.</i></p>
G39.	<p>Where practicable, Construction Works in flowing water must avoid spawning periods for <i>At Risk</i> bully species (September to February inclusive). If Construction Works in flowing water cannot be avoided during bully spawning periods, the Consent Holder must engage a Suitably Qualified and Experienced Person to identify if egg masses are present within the work site, and if practicable, to translocate egg masses and the male bully prior to any Construction Works commencing in flowing water.</p> <p><i>Note: At Risk bully species will be determined by their conservation status (as prescribed in the DOC Threat Classification Series) at the time of works.</i></p>
G40.	<p>Any river gravels won from outside of the Project area (i.e upstream) to be used in construction of the temporary crossing structure (i.e work pad /causeway) shall be transported along gravel beaches and carefully lowered into place to minimise effects on any aquatic fauna present at the location of the temporary crossing structure.</p>
G41.	<p>The Consent Holder shall ensure that vehicle movements within flowing water are kept to a minimum and to one crossing point only, where this is practicable.</p>
G42.	<p>Prior to Start of Construction Works the Consent Holder and its nominated construction contractor must conduct a site walkover with a Suitably Qualified and Experienced Person to identify the most appropriate location for construction of the weir/ford in the unnamed tributary identified on Figure 1 of the Ecological Impact Assessment (Appendix F of the AEE).</p>
G43.	<p>To minimise potential, albeit unlikely, adverse effects on water quality and fish in Te Awa Kairangi/Hutt River, efforts should be made to discharge treated scour water to land rather than piped directly into flowing water. If piping is required, the pipe should terminate at the top of the riverbank to allow for discharge down the bank.</p>
Ecological Monitoring and maintenance	
G44.	<p>The Consent Holder must ensure that all ecological monitoring required by the EMP is undertaken by a Suitably Qualified and Experienced Person.</p> <p>The results of all monitoring carried out pursuant to the EMP must be submitted to the Manager and made available on request.</p>

G45.	<p>The Consent Holder must undertake the following post-construction monitoring in accordance with the methods, locations, frequency, reporting and all operation and maintenance procedures as outlined in the EMP:</p> <ul style="list-style-type: none"> a) Monitoring the planting implemented in accordance with condition G31 for 5 years from planting; and b) Monitoring at the lizard release site in accordance with Condition G33 for 5 years following translocation.
G46.	<p>The Consent Holder shall ensure at-least bi-annual maintenance of all planting including weed control and replacement of failed plants, is undertaken for five years or until such time as 80% native canopy cover is achieved.</p> <p>The five year maintenance period shall begin when planting in each area is completed.</p> <p><i>Note: Canopy cover is defined as the percentage of ground area covered by planted native vegetation as viewed from vertically above the planted area. It includes all plant tiers (that is, it may be a mix of low growing species plus tree and shrub species).</i></p>
G47.	<p>Within six months of the completion of the maintenance period identified in condition G45 for each planting/revegetation area, the Consent Holder must engage a Suitably Qualified and Experienced Person to carry out a full review of the success of the planting/revegetation in that area.</p> <p>The results of the review must be provided to the Manager within one month of the review being undertaken and must:</p> <ul style="list-style-type: none"> i. Confirm that the planting/revegetation has met the requirements of the Planting Establishment and Management section of the EMP (or not); and ii. If not, identify any remedial actions that need to be carried out. <p>Where any remedial actions are required, the Consent Holder must engage a Suitably Qualified Person to provide a report outlining how the target of 80% canopy cover will be achieved, associated timeframes and further monitoring and reporting requirements. A copy of this programme must be provided to the Manager.</p>
Erosion and Sediment Control	
G48.	<p>The ESCP must be prepared in accordance with the <i>Upper Hutt City Council Code of Practice for Civil Engineering Works</i> and the <i>Erosion and Sediment Control Guidelines for the Wellington Region 2021</i>, and include:</p> <ul style="list-style-type: none"> a) A description of the works proposed and anticipated timetable; b) Details of all principles, procedures and practices that will be implemented to undertake erosion and sediment control and minimise the potential for sediment discharge from the site, including staging and sequencing of earthworks to limit the length of time and extent of exposed/disturbed soil; c) Detailed description of the specific site activities and construction methodology and the boundary and extent of work d) Timetable and details of progressive stabilisation of earthworks areas; e) Design criteria of all erosion and sediment controls including supporting information (calculations and design drawings);

- f) Drawings, to an appropriate scale, showing:
 - i. Location of receiving environments, nearby waterways, and stormwater networks;
 - ii. Extent of soil disturbance and vegetation clearance;
 - iii. Staging sequence of erosion and sediment control measures;
 - iv. The boundaries and areas for cut and fill including contributing stormwater catchments;
 - v. Locations of stockpiles, site access points and haul roads;
 - vi. Locations of points of discharge to the environment;
 - vii. Any 'no go' or exclusion zones to be avoided;
 - viii. Location of all key erosion and sediment control measures
- g) Relationship, and consideration given to, other management plans (CLMP, EMP, UDLP, DSMP);
- h) Responsibilities and contact details of all parties responsible for monitoring the compliance of the operation and maintenance of all erosion and sediment control structures;
- i) Rainfall triggers, response and contingency measures, including procedures to minimise adverse effects in the event of heavy rainfall events and/or the failure of any key erosion and sediment control structures;
- j) Details of erosion and sediment control and water quality monitoring and reporting procedures and frequency, including identification of a suitable reasonable mixing zone;
- k) The procedures for decommissioning the erosion and sediment control measures;
- l) Procedures for re-instating ESC measures at the end of each Working Day; and
- m) Training requirements for staff to assist with their understanding of the environmental effects that need to be managed and the requirements of the consent conditions, including specific training prior to the start of Construction Works in any Stage;
- n) Methods for amending and updating the ESCP as required.

- G49. In the event monitoring required under the ESCP indicates that treatment performance of ESC devices needs to be improved and chemical treatment is determined to be required by the Manager after receipt of monitoring results, the Consent Holder must include a Chemical Management section in the ESCP.
- The Chemical Management section of the ESCP must include as a minimum:
- a) Method and type of flocculant chemicals to be used (including alternative methods if that method is found to be ineffective after use on site);
 - b) Details of dosage rates and deployment scenarios;
 - c) A chemical spill contingency plan; and
 - d) Details of a monitoring programme including frequency of monitoring, parameters, and reporting of results

G50.	The use of chemical treatment must not commence until the Consent Holder has received notice in writing that the Chemical Management section has been certified by the Manager.																											
G51.	Any devices identified as requiring treatment must be treated in accordance with the Chemical Management section in the ESCP certified under condition G49.																											
G52.	When rainfall events (7 mm/1 hour and 20 mm/24 hours) are forecasted by the Met Service all earthworks will be suspended and rainfall contingency measures specified in the ESCP must be implemented.																											
G53.	<p>In the event chemical treatment is implemented, the Consent Holder must sample and record the following parameters as soon as practicable within daylight hours after a rainfall event greater than 7 mm in 1 hour, or 20 mm in 24 hours, as measured at Haywards Hill Reservoir Wellington Regional Council monitoring site.</p> <table border="1"> <thead> <tr> <th rowspan="2">Parameter</th> <th colspan="4">Location (device)</th> <th colspan="2">Location (waterbody)</th> </tr> <tr> <th>inflow</th> <th>Forebay</th> <th>Pond</th> <th>Outflow</th> <th>Downstream (reasonable mixing zone)</th> <th>Upstream</th> </tr> </thead> <tbody> <tr> <td>pH</td> <td>x</td> <td>-</td> <td>-</td> <td>x</td> <td>X</td> <td>x</td> </tr> <tr> <td>Turbidity</td> <td>x</td> <td>-</td> <td>-</td> <td>x</td> <td>X</td> <td>x</td> </tr> </tbody> </table> <p><i>Note: The Consent Holder is only required to undertake outflow and downstream (reasonable mixing zone) monitoring if the device is discharging.</i></p> <p>The monitoring requirement may cease when the catchment has been completely stabilised and the device decommissioned, unless otherwise agreed in writing by the Manager.</p>	Parameter	Location (device)				Location (waterbody)		inflow	Forebay	Pond	Outflow	Downstream (reasonable mixing zone)	Upstream	pH	x	-	-	x	X	x	Turbidity	x	-	-	x	X	x
Parameter	Location (device)				Location (waterbody)																							
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pH	x	-	-	x	X	x																						
Turbidity	x	-	-	x	X	x																						
G54.	<p>In the event that:</p> <ol style="list-style-type: none"> the monitoring required under condition G52 indicates that, at the outflow of the device, the NTU value is 170 NTU or greater, and/or (for any chemically-treated device) the pH is at or below 5.5 or above 8.5; or there is a failure of any erosion and sediment control measure, or discharge from any non-stabilised area that is not treated by an erosion and sediment control measure, where any contaminants (including sediment) or material are released and enter any water body; <p>The Consent Holder must:</p> <ol style="list-style-type: none"> Immediately notify the Manager of the issue; Immediately undertake onsite investigations to determine the cause of the issue, and what changes can be made to onsite management to prevent re-occurrence; Re-establish control measures as soon as practicable where these have failed or have not been implemented in accordance with the ESCP; Liaise with the Manager to establish whether any additional remediation and/or mitigation is required, and carry out any such action as required by and to the satisfaction of the Manager; 																											

	<p>v. Record the date, time and weather conditions, details of investigations, probable cause of the issue, lessons learnt and actions taken or to be taken to prevent re-occurrence; and</p> <p>vi. Within 5 Working Days of the issue being recorded, provide the information required by (v) above to the Manager</p> <p>All measures to prevent a reoccurrence of the exceedance or failure must be to the satisfaction of the Manager.</p>
G55.	<p>Unless otherwise agreed in writing by the Manager, where there has been a failure or discharge in terms of condition G53 of this consent, the Consent Holder must engage a Suitably Qualified and Experienced Person to inspect the affected water body within 3 days of the Consent Holder becoming aware of the failure or discharge and provide recommendations on any remediation and/or mitigation required.</p> <p>Any conclusions and recommendations made by the Suitably Qualified and Experienced Person must be recorded in writing and provided to the Manager within 10 Working Days of the incident.</p>
G56.	<p>Prior to earthworks, which does not include the land disturbance necessary to install the erosion and sediment control structures, commencing within an area and in accordance with the ESCP, a certification statement from a Suitably Qualified and Experienced Person and as-built plans must be provided to the Manager to demonstrate that all erosion and sediment control structures have been constructed in accordance with the certified ESCP.</p>
G57.	<p>A copy of the “as-built(s)” must be kept on site, and all erosion and sediment control measures (including staging boundaries and particularly the extent of exposed areas) must be updated as soon as practicable as changes are made to enable clear interpretation as to the day-to-day operation and management of erosion and sediment control measures, provided that such revisions are in general accordance with the ESCP.</p>
G58.	<p>The Consent Holder must develop, construct and maintain all ESC plans and devices in accordance with the ESCP except where otherwise certified by the Manager or a specific standard is detailed in a condition of this consent, in which case the specific standard shall apply.</p>
G59.	<p>All erosion and sediment control measures shall remain the responsibility of the Consent Holder and no erosion and sediment control measures shall be removed or decommissioned prior to receiving written confirmation that the relevant phase of works is stabilised to the satisfaction of the Manager.</p>
G60.	<p>The Consent Holder must have the site audited by a Suitably Qualified Person on a minimum of a fortnightly basis (unless a reduced frequency is agreed in writing by the Manager) to ensure that all erosion and sediment controls are operating effectively in accordance with the ESCP.</p> <p>Audit requirements include:</p> <ol style="list-style-type: none"> a) Date; b) Name of auditor; c) Site condition; d) Weather conditions at the time of audit e) Sediment management (including identification of problem areas, and measures put in place to treat these areas);

	<p>f) Condition of sediment treatment devices; and</p> <p>g) Maintenance required, and, if so, the date by which this will be completed and the name of the contractor responsible for this maintenance.</p> <p>The audits must be recorded in writing and submitted to the Manager upon request.</p> <p><i>Note: Any audits carried out by Wellington Regional Council or its contractors do not constitute the site audits required by this condition.</i></p>
G61.	<p>All fill material used on site must be restricted to:</p> <p>a) natural material, such as clay, soil and rock and other inert materials as detailed in the definition of cleanfill material in section 2.2 of the Ministry for the Environment publication 'A guide to the Management of Cleanfills, 2002'; and</p> <p>b) those materials listed as acceptable in table 4.1 of the Ministry for the Environment publication 'A guide to the Management of Cleanfills, 2002'</p>
Structures	
G62.	<p>At least 20 Working Days prior to the Start of Construction Works, the Consent Holder must provide detailed design drawings of the pipe bridge, prepared by a Chartered Professional Engineer, to the Manager for certification that the bridge will pass the 2,800 cumec design flood.</p> <p>If a response has not been received from the Manager within 20 Working Days following the submission of the design, the design shall be deemed to be certified.</p>
G63.	<p>At least 20 Working Days prior to the Start of Construction Works, the Consent Holder must provide detailed design drawings of the weir/ford in the unnamed tributary shown on Figure 1 of the Ecological Impact Assessment (Appendix F of the AEE) to the Manager for certification that:</p> <p>a) The design for the weir/ford in the unnamed tributary is prepared by a Chartered Professional Engineer in consultation with a Suitably Qualified and Experienced Person; and</p> <p>b) The design for the weir/ford includes provision of fish passage consistent with the requirements of Regulation 72 of the Resource Management (National Environmental Standards for Freshwater) Regulations 2020.</p> <p>If a response has not been received from the Manager within 20 Working Days following the submission of the design, the design shall be deemed to be certified.</p>
G64.	<p>At least 20 Working Days prior to construction of the pipeline, the Consent Holder must provide detailed design drawings, prepared by a Chartered Professional Engineer, of the pipeline and any associated scour discharge system to the Manager for certification that the design is in general accordance with the preliminary design and incorporates energy dissipation and erosion control to minimise the occurrence of scour and erosion in receiving environments.</p> <p>If a response has not been received from the Manager within 20 Working Days following the submission of the design, the design shall be deemed to be certified.</p>
G65.	<p>At least 20 Working Days prior to construction of any temporary crossing structure(s) in the bed of Te Awa Kairangi/Hutt River required for construction of the pipe bridge, (e.g. causeway), the Consent Holder must provide design drawings of any temporary structure(s) to the Manager for information.</p>

	The design shall include a process for reinstatement in the event the temporary crossing structure is damaged or washed-out as a result of rainfall or flooding events during construction.
G66.	The Consent Holder must construct all structures in general accordance with the certified designs in Conditions G61 - G64.
G67.	<p>The Consent Holder must provide “as-built” plans certified by a Chartered Professional Engineer confirming that all permanent structures in and over surface water bodies have been constructed in general accordance with the certified designs to the Manager within 90 Working Days of completion of the Construction Works.</p> <p>If a response has not been received from the Manager within 20 Working Days following the submission of the “as-builts”, this condition shall be deemed to be certified.</p>
G68.	The weir/ford must be maintained at all times post construction, providing fish passage in a manner that meets the monitoring and maintenance requirements of Regulation 69 of the Resource Management (National Environmental Standards for Freshwater) Regulations 2020 as relevant, unless otherwise agreed with the Manager.
G69.	The Consent Holder must provide the information required by Regulation 64 and/or Regulation 67 of the Resource Management (National Environmental Standards for Freshwater) Regulations 2020 as relevant to the Manager within 20 Working Days of completion of construction of the weir/ford.
G70.	<p>The Consent Holder shall remain responsible for all structures authorised under this consent, and shall maintain the structure(s) such that:</p> <ol style="list-style-type: none"> a) Any erosion, scour or instability of the stream bed or banks that is attributable to the works carried out as part of this consent is remedied by the Consent Holder; b) Any adverse effects caused by the presence of the works that limit or restrict fish passage shall be rectified by the Consent Holder; and c) The structural integrity of the structure(s) remains sound in the opinion of a Chartered Professional Engineer.

Public access and recreation

G71.	Public access to and along Te Awa Kairangi and its margins must only be restricted where necessary to provide for the health and safety of the public.
G72.	Prior to the commencement of works in the bed of Te Awa Kairangi, signs must be installed upstream and downstream to warn river users of the works and to advise users of any specific navigation and/or safety restrictions required to maintain the safety of any river users.
G73.	During Construction Works the Consent Holder shall erect and maintain appropriate signage in the vicinity of the Construction Works, in prominent places and at each entry point near the area of the works taking place, to notify the public of the Construction Works and any access restrictions that apply because of the works
G74.	The Consent Holder must maintain recreational connectivity along the river, including a walking and cycling trail and/or access to the Hutt River Trail, on at least one side of Eastern Hutt Road throughout construction, with signposting installed for any necessary detours.

3. GWRC Conditions

Except as specified otherwise, the Conditions shall apply to all regional resource consents relevant to GWRC.

Condition number	Condition
Water quality	
GWRC 1.	<p>The Consent Holder shall ensure that:</p> <ul style="list-style-type: none"> a) All machinery is free of vegetation, seeds or contaminants prior to entering the water body; b) No contaminants (including but not limited to oil, petrol, diesel, hydraulic fluid and sediment) are released into water, or to land where it may enter water, from equipment being used for the works; c) All contaminant storage or re-fuelling areas are bunded or contained to prevent the discharge of contaminants to water or to land where it may enter water; and d) No equipment is cleaned, stored or refuelled within 10 metres of any waterbody or stormwater system.
GWRC 2.	The Consent Holder shall ensure that no dry cement product, unset concrete, concrete wash water or any water contaminated with concrete enters flowing water as a result of the works.
GWRC 3.	<p>The Consent Holder must ensure that prior to entering a water body that all vehicles and equipment are inspected for the presence of invasive or pest aquatic species including <i>Didymosphenia geminata</i> (didymo). In the event that an invasive or pest aquatic species is discovered upon any vehicle or equipment it shall be cleaned, to the satisfaction of the Manager.</p> <p>Note: The machinery shall be cleaned in accordance with the Ministry for Primary Industries cleaning methods which can be found at http://www.mpi.govt.nz/travel-and-recreation/outdoor-activities/check-clean-dry/ .</p>
Groundwater	
GWRC 4.	<p>Prior to Start of Construction Works, the Consent Holder must submit a final Dewatering Settlement and Monitoring Plan (DSMP). The DSMP must be in general accordance with the DSMP submitted as Appendix D of the Assessment of Dewatering Effects submitted in support of the application AEE. The DSMP must include as a minimum:</p> <ul style="list-style-type: none"> a) Duration, location, volume and rate of any dewatering required b) Quality of water to be discharged c) Effects of land subsidence d) Effects on surface water bodies and interference effects on any known lawfully existing water takes at the time of construction e) Measures to avoid and/or mitigate any potential adverse effects from dewatering activities on nearby buildings and infrastructure; and f) Groundwater level monitoring requirements and trigger levels, including:

	<ul style="list-style-type: none">i. Location of monitoring pins/markersii. Contingency actions in the event trigger levels are exceed;iii. Reporting requirements
GWRC 5.	<p>The Consent Holder must ensure that construction of the pipe bridge piles is undertaken in general accordance with the construction methodology detailed in section 5 of the AEE.</p> <p>Any updates and or departures from the construction methodology, as well as technical justification and management of potential risks to the environment as a result of the proposed changes, shall be submitted to the Manager for certification before construction of the piles.</p>

4. HCC Conditions

Except as specified otherwise, the Conditions shall apply to all resource consents as relevant to HCC jurisdiction.

Condition number	Condition
Contaminated Land Management	
HCC 1.	<p>Prior to excavation in areas of known or potentially contaminated land, the Consent Holder must prepare a Contaminated Land Management Plan (CLMP) for works on the western side (true right bank) of the Hutt River.</p> <p>The CLMP must be in general accordance with the draft CLMP (Appendix C of the AEE) and detail the procedures to be implemented to control the disturbance and movement of identified contaminated, or potentially contaminated soils. These procedures shall cover management of health, safety and potential environmental risk from contaminated land associated with the Project.</p>
HCC 2.	<p>The CLMP must include, as a minimum:</p> <ol style="list-style-type: none"> a) A summary of any soil sampling works undertaken; b) Roles and responsibilities of the parties involved in the land disturbance activities, including the SQEP; c) A description of potential and known hazards arising from contamination; d) Specific management methods developed for disturbance of land in potentially contaminated soils including: <ol style="list-style-type: none"> i. On site soil management practices; ii. Off-site soil transport and disposal; iii. Personal protection and monitoring; and e) Procedures for the safe storage, treatment and disposal of identified contaminated soil, including managing contaminants to avoid, remedy and mitigate adverse effects on groundwater and surface water; f) Procedures for identifying and managing unexpected soil contamination; g) Post-construction controls (if required); and h) Emergency procedures and contact details for emergency services
HCC 3.	<p>Any sampling and testing of contamination must be overseen by a SQEP and shall be undertaken in accordance with the Ministry for the Environment's Contaminated Land Management Guidelines No. 5 Site Investigation and Analysis of Soils (Revised 2011).</p>
HCC 4.	<p>All earthworks and handling and storage of contaminated material must be undertaken in accordance with the approved CLMP.</p>
HCC 5.	<p>In the event unexpected contaminated soil is discovered during construction and is to be re-used onsite, a register documenting the depth, location and/or capping of the soil (as necessary) must be kept on site and also submitted to the Manager.</p>

HCC 6.

Off-site disposal of contaminated soil and material must be at a facility licensed to accept such materials. Characterisation of soils for disposal purposes shall be in accordance with the receiving facility's requirements. Where contaminated soil is disposed of off-site to a licensed landfill, evidence must be supplied to the Manager demonstrating the quantities and locations (including landfill receipts).