

This entire chapter has been notified using the RMA Part One, Schedule 1 process ([P1 Sch1](#)).

Text shown in **red** (both underlined and ~~struck-out~~) represents all changes recommended by the Panel from the notified Plan provisions.

WCC – Te Kaunihera o Te Whanganui a Tara

WCC – Wellington City Council

Wellington City Council

Western Wastewater Treatment Plant	
Designation unique identifier	WCC1
Designation purpose	Operation, maintenance and improvement of a sewage treatment plant t
Site identifier	Section 1 SO 37211, Part Section 52 Karori DIST South Karori Road
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 53
Hospital Road Drainage Reserve	
Designation unique identifier	WCC2
Designation purpose	Drainage reserve
Site identifier	PT TOWN BELT-SO 21196-CHILDRENS PLAYGROUND Hospital Road, Mount Cook
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 54
Ngaio Gorge Septic Tank	
Designation unique identifier	WCC3
Designation purpose	Septic tank
Site identifier	LOT 1 DP 90732 Kaiwharawhara Road, Ngaio Gorge

Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 55
Ngauranga Gorge Drainage Reserve	
Designation unique identifier	WCC4
Designation purpose	Drainage reserve
Site identifier	PT SBDN C DP 4746 Wakely Road, Ngauranga Gorge
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 56
Mt Albert Tunnel Portal	
Designation unique identifier	WCC5
Designation purpose	Mt Albert Tunnel Portal
Site identifier	Lot 3 DP6257 CT361/148 1 Endeavour Street, Lyall Bay
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 57
Moa Point Wastewater Treatment	
Designation unique identifier	WCC6
Designation purpose	Operation, maintenance and improvement of a sewage treatment plan
Site identifier	Lot 2 DP 381401, Lot 1 DP 552938 and Part Lot 1 DP 78304 Moa Point Road
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Yes, see Conditions 1
Additional information	Rollover designation, formerly designation 58. Rollover Conditions, Conditions 1 formerly Appendix L
Kilbirnie Drainage Reserve	

Designation unique identifier	WCC7
Designation purpose	Drainage reserve
Site identifier	Pt Sec 8 SO13385 Kilbirnie
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 59
Careys Gully Landfill	
Designation unique identifier	WCC8
Designation purpose	Waste management, waste disposal and associated works
Site identifier	Lot 4 DP 26908, Part Lot 1 DP 29398, Part Sbdn 8-13 Sec 19 Owhiro DIST, Part Sbdn 15-17 Sec 21 Owhiro DIST, Part Sections 17 Owhiro DIST, Part Section 22 Owhiro DIST, Part Sections 4-6 Upper Kaiwharawhara DIST, Part Subdivision 14 Section 19 & 20 Owhiro District Careys Gully Landfill Road, Happy Valley
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Yes, see Conditions 2
Additional information	Rollover designation, formerly designation 61. Rollover Conditions, Conditions 2 formerly Appendix M
Christeson Lane Service Lane	
Designation unique identifier	WCC9
Designation purpose	Service lane
Site identifier	Part Lot 1 DP 13076; Part Lot 1 DP 7928; Part Lot 1 Deeds 151; Part Section 204 City of Wellington (Historically defined as Part Lot 2 Deeds 151) Lot 2 DP 62025; Lot 1 & 2 DP 62001; Lots 3 & 4 DP 54336 Christeson Lane, off Dixon Street
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 91
Bond Street Service Lane	
Designation unique identifier	WCC10

Designation purpose	Service lane
Site identifier	Part Lot 10 DP 1886 ; Part Lot 22 DP 1886 ; Part Lot 2 Deposited Plan 7016 , Lot 4 DP 63430 Off Bond Street, behind Dukes Arcade
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 93
Hanson Street Service Lane	
Designation unique identifier	WCC11
Designation purpose	Service lane
Site identifier	Lot 7 DP 900; SO 31316; Pt Lot 3 DP 358660; Pt Lot 1 DP 326584 Off Hanson Street
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 98
Green Street and Wilson Street Service Lane	
Designation unique identifier	WCC12
Designation purpose	Service lane
Site identifier	Pt Sec 783 Town of Wellington, SO 10408 CT 401/62; Pt DP 12042 & 10747 CT 443/237; SO 34227; Gazette 1982 No.82 p.2422 Off Wilson Street
Lapse date	Given effect to
Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	No
Additional information	Rollover designation, formerly designation 101
Prince of Wales/Omāroro Reservoir	
Designation unique identifier	WCC13
Designation purpose	Operation, maintenance and improvement of a water reservoir
Site identifier	Part Lot 2 DP 10337 Prince of Wales Park, Mount Cook
Lapse date	Given effect to

Designation hierarchy under section 177 of the Resource Management Act	Primary
Conditions	Yes, see Conditions 3
Additional information	Rollover designation, formerly designation 135. Rollover Conditions, Conditions 3 formerly Appendix AB

Conditions 1: Wellington City Council (Moa Point Sewage Treatment) Conditions

1 Introduction

Sewage Treatment

The discharge of untreated sewage effluent into the coastal waters off Moa Point is no longer acceptable for health or social considerations or for the safe operation of Wellington Airport.

In order to avoid contamination of the receiving waters, it is necessary to remove the solids from the sewage and to treat the effluent before it is discharged.

A wide range of treatment options and treatment plant site options have been explored. These include sites between Wry Valley in the east and the Karori Stream mouth to the west. The site finally chosen is adjacent to the airport and close to the Moa Point site which was previously abandoned in 1986 primarily because of the social concerns associated with discharge in this locality. In order to assuage those concerns, effluent is to be treated to a very high level.

Treated liquid effluent will be conveyed through an outfall pipe buried in the seabed, and will be discharged through diffusers sufficiently far off-shore to ensure that the established water classification is complied with.

The site is neither sufficiently large nor conveniently located for the treatment and disposal of the solid waste removed from the sewage. This will therefore be pumped as a sludge through underground pipes to Carey's Gully. It will be treated, dewatered there and the inert waste deposited in the adjacent sanitary landfill refuse disposal area.

The following provisions are substantially the same as Plan Change 91/15 to the former District Plan, which has been considered and approved by the Planning Tribunal.

Details of the designation are shown on Plan 1 attached.

Drainage

The south Golf Course site is designated drainage sewage treatment and the following rules apply to the future development and management of the site.

2 Objectives, Conditions and Restrictions Relating to Drainage/Sewage Treatment Designation

The following objectives, conditions and restrictions are to apply to the construction and operation of a sewage treatment plant on the site designated for this purpose, which is located adjacent to the south eastern end of Wellington Airport.

2.1 Objectives

2.1.1 Primary Objective

To make planning provision for the establishment of a sewage treatment plant, through a designation to treat Wellington sewage to a level sufficient to ensure that it is no longer a source of pollution on the south coast.

2.1.2 Secondary Objectives

2.1.2.1

To recognise the importance of the site in Wellington especially its strategic location in relation to the existing sewerage system.

2.1.2.2

To avoid remedy or mitigate the social, psychological, ecological and physical impacts of locating a sewage treatment plant within an urban setting.

2.1.2.3

To ensure that in its location, form, character and operation, the plant is as inconspicuous as practicable and does not obtrude unnecessarily upon the community's consciousness.

2.1.2.4

To establish compatibility between the land uses on the site with minimum interference between the uses in the designated area and those in nearby residential areas, the Golf Courses and the Airport.

2.1.2.5

To ensure that there is no significant nuisance or inconvenience outside the site caused by the operation, particularly by its noise or odour.

2.1.2.6

To ensure that the land surrounding the plant is fully landscaped, to restore exposed ground and to reduce the visual impact of the development.

3 Activities

3.1

Activities under the designation "Drainage - Sewage Treatment" in the designated areas shall be restricted to the following:

- sewage treatment plant and ancillary uses and amenities;
- laboratories ancillary to the treatment plant;
- administrative offices ancillary to the treatment plant;
- workshop and parts storage ancillary to the treatment plant;
- staff and visitors' amenities.

4 Height and Yards

4.1

Any building platform or platforms shall be constructed at a level between 20m and 35m above mean sea level. Structures shall in no case be located closer than 5m to the boundary of the designation.

4.2

Structures shall not exceed a height of 47m above mean sea level and shall be the same general height and location as shown on plans and elevations depicted in plans 2 and 3, except for the stack which shall not exceed a height of 51m above mean sea level. There may be limited variations to these plans and elevations to accommodate layout and design considerations, but only to the extent that

the 'design and appearance' conditions are complied with and the buildings maintain the same degree of screening for the clarifiers for distant views from the suburban areas to the north and north-east.

4.3

~~In no case shall the airport height controls be exceeded. (Refer to District Plan Maps 36 and 37).~~

Any new building or structure shall be no higher than 12 metres above ground level, unless Wellington International Airport Limited agrees otherwise

4.43

That a report from an air quality specialist be submitted to the Policy (District Plan) Section, Wellington City Council, within twelve months of the erection of the stack extension. That report shall review the effectiveness of the extension in reducing odour discernible beyond the boundaries of the plant site. Should the report indicate that the stack extension (as proposed or similar) has had no effect in reducing odour impact, the extension shall be removed and Condition 4.2 amended to reduce the height limit relating to the stack to 48m above mean sea level.

5 Noise

5.1

Before any development starts, Council will be required to obtain a certificate from an independent acoustical consultant approved by the Medical Officer of Health for the Wellington District, stating that in the consultant's opinion, the noise emission from the site after the establishment of the proposed use would not exceed the noise levels specified below.

Noise levels, with corrections applied, measured on any land zoned for residential purposes:

	7am-6pm	6pm-10pm	10pm-7am
L95	45dBA	40dBA	35dBA
L10	55dBA	50dBA	45dBA
Lmax			65dBA

When monitoring noise levels, the methods prescribed in NZ Standard 6801:1991 shall be used.

5.1.1

Provisions concerning the required noise level standards shall not apply to the following:

- a. Noise of safety signals, warning devices and emergency pressure relief valves.
- b. Between 7am and 8pm, for:

noise from the engines of vehicles visiting the site for any purpose, but not including the repair, maintenance or servicing of those vehicles on the site; and

the construction or alteration of buildings that have been approved by Council,

5.1.2

the following corrections shall be applied:

Type of Operation or Character of Noise	Correction for dBA Limits
Where noise source operates for less than 20% of a one hour period	+5
Where noise source operates for less than 5% of a one hour period	+10

Where noise is impulsive in character (hammering, etc)	-5
Where noise is of periodic character (hum, screech, etc)	-5

The treatment plant shall be required to operate within these levels.

6 Air Pollution

There shall be no discernible odour resulting from the operation of the waste water treatment plant, at or beyond the boundary of the plant site as designated in the District Plan.

There shall be no discharge into the air of any contaminant from the waste water treatment plant which has adverse effects at or beyond the site boundary.

Note - not forming part of the Plan: Notwithstanding the above standards, Council reserves the right to use its powers under the relevant statutory powers to protect the amenities of the district.

7 Clarifiers

The clarifiers are to be disguised by an open structure that will effectively conceal their function as water-retaining structures. The covers will be designed to suppress wave formation and the generation of aerosols.

8 Dust

8.1

All dust on the site shall be controlled to avoid remedy or mitigate any escape to neighbouring properties.

8.2

During the course of construction, all exposed or excavated surfaces shall be maintained in a condition to avoid remedy or mitigate dust nuisance. See under additional conditions and restrictions to apply during the construction phase of the treatment plant (Section 18).

9 Landscape design

9.1

A landscape plan shall be prepared with the following objectives:

To establish substantial vegetation cover as quickly as is practicable over the site surrounding the treatment plant for the purpose of:

- ameliorating excavations, cut faces, embankments, or bunds; and
- reducing the visual impact of the treatment plant, particularly as viewed from residential properties to the east.

9.1.2

To provide vegetative cover to any disturbed surface as soon as possible.

9.1.3

Keeping to a minimum any excavation into the toes of the surrounding hill slopes to create the site platform and ensuring that the earthworks shall be implemented to conform as closely as possible to the existing "natural" slopes.

9.1.4

Where the bases of the cut faces need to be vertical, to support these by crib walls with decorative natural stone panels.

9.1.5

To implement the revegetation programme in stages to follow the stages of the earthworks programme. Planting work is to begin as soon as a surface is completed to final grade.

9.1.6

Where the slopes are to be 1:1 gradient, to carry out the revegetation work on 2m x 2m benches.

9.1.7

To choose the species for revegetation predominantly from plant material already occurring on the site and, preferably, grown from seed sourced from the site.

9.1.8

To spread back over the surfaces to be planted any topsoil stripped from the site during construction. This soil will provide a natural seed source.

9.1.9

To install a temporary irrigation scheme to ensure plant establishment, which must be phased out as soon as advised by the horticultural expert.

9.1.10

To source rock fill for gabion baskets from the site to ensure colour and texture conformity. Landscape development work on the site platform itself will be required to soften the structures and reduce their visual scale.

9.2

To ensure that the landscape plan includes provision for the planting of appropriate native species, the stabilisation of slopes and the installation of irrigation systems where necessary to facilitate plant growth.

9.3

To implement progressively the landscaping of the site until such time as the objectives of the plan are attained.

9.4

To incorporate within the site's landscaping and planting provisions the existing reserve or open space land between the site and Kekerenga Street. Planting in this area should cover an area sufficient to screen views of the treatment plant from properties in Kekerenga Street.

10 The Northern Bund

The bund to the north of the plant may be increased in height with the consent of the Miramar Golf Club and Wellington International Airport Limited, but should not be reduced below the level indicated in plan 3 attached.

11 Design and Appearance of Buildings

11.1

Without limiting the detailed architectural approach or design of a treatment plant on the site, the plant shall be developed to give the appearance of separate but closely integrated buildings or facilities generally, as depicted in plans 2 and 3 attached.

11.2

When viewed from the air or from a distance, the treatment plant shall present the appearance of being a largely industrial complex which has been architecturally designed to harmonise with and enhance the landscape. As discussed under Section 4 Height and Yards, the design shall not be modified so as to lessen its screening aspects.

12 Lighting

12.1

Lighting of the treatment plant shall be to a level which is sufficient for security and operations and designed to prevent the intrusion of direct light into residential properties.

13 Fencing

13.1

In addition to the security measures to safeguard unauthorised entry to the treatment plant, appropriate safety fencing shall be installed near the top of all steep slopes or cut faces to the east and south of the site to prevent access by children.

14 Flooding

The plant equipment, buildings and contouring of the site are to be designed in such a way as to ensure that any overflows, including the accidental or emergency breaches of any tanks, are directed away from the Airport. In particular, the stormwater drainage system is to be designed for a 20 year return period and the layout of the plant is to incorporate such bunding and curbing as is necessary to direct stormwater from a 50 year return period direct to Moa Point Road away from the Airport.

15 Plant Breakdown

15.1

Council is to ensure that in the event of any breakdown, steps are immediately taken to:

15.1.1

avoid any risk of bird strike;

15.1.2

notify the Airport control tower of the breakdown and its expected duration;

15.1.3

notify Airport management; and

15.1.4

notify the Wellington Regional Council (or the relevant consent authority under the Resource Management Act).

16 Community Consultation and Mitigation

16.1

~~Council shall in consultation with Mr and Mrs Cornish, the Strathmore Park Progressive and Beautifying Association Inc by its Sewage Action Committee, and Mrs Hoang, The~~ established a Community Liaison Committee which represents the interests of those persons affected by the Treatment Plant shall continue to operate to undertake the role as set out in 16.2.

16.2

The role of the Committee will be to work with Council staff and consultants to establish ways to avoid remedy or mitigate any adverse effects of the plant (including its construction) on the adjacent communities. Matters upon which the Committee would be expected to provide input include such matters as the quality and location of fencing, lighting, landscaping, and the provision of facilities and beautification schemes to counteract any possible effects of the treatment plant on property values and the use and enjoyment of the area. The Committee will also be expected to assist Council in monitoring the effects of the construction period.

16.3

Council will employ a facilitator to service this Committee and to ensure good communication and coordination between the Committee and Council and between the Committee and other affected residents in adjacent communities.

16.4

A terms of reference, setting out the rights and responsibilities of the Committee and its relationship to Council and its officers, will be drawn up in consultation with the Committee.

16.5

Council will nominate one person within the Cityworks Division who will be responsible for ensuring that concerns raised by the Committee and others affected by the project are addressed promptly.

17 Land Acquisition

17.1 Sites with a View

If requested by an owner who was an owner at 19 June 1991, Council shall purchase any of the privately owned residences in Kekerenga Street with a view of the treatment plant or part of that plant either from the house or from the section surrounding the residence.

17.2 Adverse Environment Effects

If the plant malfunctions to the extent that it creates any adverse effects on the environmental conditions in the vicinity of Kekerenga Street within a 400m radius from the centre of the site, Council if requested by the owners of houses in that area must purchase those houses so affected.

17.3 Assessment of Purchase Price

The purchase price shall be based on market value and assessed as if the designation for the treatment plant upon this site was not in place. The existence, prior to this provision becoming operative, of the drainage designation closer to Lavender Bay shall be a relevant factor in assessing a value. Any

disagreement or dispute as to market value shall be referred to arbitration under the Arbitration Act 1908 or any amendments or successors.

18 Additional Conditions and Restrictions to Apply During the Construction Phase of the Treatment Plant

18.1 Access

All access to the site shall be via Moa Point Road. There shall be no access to the site from the north using the airport perimeter road.

18.2 Flight Paths

No structure, building, machinery, or construction equipment, shall intrude into the approach fan for Runway 34.

18.3 Cover of Exposed Surfaces

Council will institute controls during the course of construction, specifically designed to minimise the attraction of the birds to the site. In particular, it will stage works to ensure a minimum exposure of material at any one time and will ensure that there is overnight cover of all exposed surfaces. In the event that any birds are observed using the site for roosting, Council will take immediate steps to remedy the situation. Specifically Council shall ensure:

18.3.1

all exposed and unsealed surfaces are to be kept moist to suppress the generation of dust;

18.3.2

at the completion of each working day, any exposed material or surface which is likely to attract birds is to be covered over until work recommences;

18.3.3

truckloads of excavated material are to be covered to prevent dust nuisance;

18.3.4

stockpiles are to be kept moist to suppress the generation of dust; and the contractors are required to secure the site.

18.4 Blasting

18.4.1

Any blasting on the site necessary for construction purposes is to be carried out only between the hours of 9.00am and 4.00pm Monday to Friday.

18.4.2

In all cases, nearby residents in the immediate vicinity (in particular Kekerenga Street and Moa Point Road), and Airport management and Air Traffic Control are to be notified by letter drop at least 24 hours in advance of the blasting.

18.4.3

Blasting shall be immediately preceded by a siren or hooter (with a sound which distinguishes it from normal Police, Ambulance or Fire Service sirens).

18.5 Arc-Welding

At all times, appropriate measures shall be taken to ensure that any arc-welding will not be hazardous to air traffic at Wellington International Airport.

18.6 Machinery Maintenance

At all times, diesel-powered machinery (including trucks) shall be maintained to avoid remedy or mitigate minimise excessive smoke and/or diesel odour emissions.

18.7 Hours of Operation

Construction on the site shall be restricted to the following hours:

Monday to Friday 7.00am to 6.00pm
 Saturday 9.00am to 3.30pm
 Sundays no work

The designation covers the area proposed for a sewage treatment plant for Wellington. In addition, conditions and restrictions are specified to ensure accountability in establishment, development and management of the facility.

The site is of particular strategic importance, being closely located to the existing sewerage reticulation system. It also offers available land of suitable size and reasonable contour.

The site is generally well isolated from nearby recreational, residential and airport activities, by distance, difference in elevation or landform. The plant will not be readily discernible by the general public. Although it is close to several residences in Kekerenga Street, the existing reserve provides a buffer zone. Controls on noise and odour will minimise potential nuisance and landscaping requirements will reduce visual impacts.

The site is not sufficiently large to accommodate the sludge treatment process. Sludge in the form of a liquid slurry will be pumped through underground pipes to a special treatment plant in Carey's Gully near where Council's solid waste disposal landfill is located. There the sludge will be treated, dewatered and any inert waste will be disposed of in the sanitary landfill area refuse disposal area subject to any necessary consents or permissions.

DEFINITIONS, ABBREVIATIONS, ACROMYNS AND TERMS FOR CONDITIONS 19 TO 32

TERM	DEFINITION
AEE	Assessment of Environmental Effects for the Wellington Sludge Minimisation Facility Project
Airport Curfew	The period within which WIAL will not allow aircraft operations (take-off and landing) to occur on each day.
CMO	Wellington City Council's Compliance Monitoring Officer
Commissioning Phase	The final phase of construction involving a staged approach whereby individual systems are tested and then integrated with other systems prior to being made operational.
COMP	Commissioning Odour Management Plan
Council	Wellington City Council

CNVMP	Construction Noise and Vibration Management Plan
CTMP	Construction Traffic Management Plan
Dust	Means all non-combusted solid particulate matter that is suspended in the air, or has settled after being airborne. Dust may be derived from materials including rock, sand, cement, fertiliser, coal, soil, paint, animal products and wood.
Dust Nuisance	means the generation of dust resulting in visible evidence of suspended solid: in the air beyond the site the dust is generated from; or traceable from a dust source settling on the ground, building or structure on a neighbouring site, or water.
ESCP	Erosion and Sediment Control Plan
GWRC	Greater Wellington Regional Council, including any officer of Greater Wellington Regional Council
LRV	Light reflectance value which applies to colours applied to products (paint, powdercoating)
LVMP	Landscape and Vegetation Management Plan
Moa Point WWTP	Moa Point Wastewater Treatment Plant and includes the activities listed at 3.1 of this Designation.
MPTMP	Maintenance Period Traffic Management Plan
OOMP	Operational Odour Management Plan
OMP	Operation and Maintenance Plan
OTMP	Operational Traffic Management Plan
Outline Plan	An outline plan prepared in accordance with section 176A of the Resource Management Act 1991
RCA	Road Controlling Authority
Requiring Authority	Wellington City Council
SMF	Sludge Minimisation Facility for the purpose of stabilising and reducing the volume of processed sludge produced by the Moa Point WWTP and Western (Karori) WWTP
SMF Early Enabling Works	These are works which can be authorised either through the existing designation without the requirement for an Outline Plan, or as permitted activities which do not require a resource consent. The early enabling works to be undertaken in association with the SMF works, include: Below ground services relocation or upgrades Demolition of on-site buildings Slope stabilisation works
SMF Works	The design, construction, maintenance and operation of the SMF as referenced in the AEE and the related SMF designation conditions. SMF Works excludes early enabling works, as per the 'SMF Early Enabling Works' definition, which can be undertaken without the submission of an Outline Plan.
SMF Construction Works	All aspects of the SMF Works which relate to construction activities.
Summer Break	20 December to 31 January of any calendar year

WCC	Wellington City Council
WIAL	Wellington International Airport Limited
Working Days	Has the same meaning under section 2 of the Resource Management Act 1991
WWTP Access Road	Access road serving Moa Point WWTP, off Stewart Duff Drive

19 General

19.1

While providing for further development of the design and layout, the SMF Works shall be undertaken in general accordance with:

- 'Description of the proposal' in the AEE Report, dated August 2022
- General Arrangement Plan – ref. 3258521-DA-000-K0121 Rev A
- Street Elevation – ref. 3258521-DA-000-K1202 Rev A

However, changes to the SMF Works from that set out in these documents shall be allowed, provided that:

- The Requiring Authority demonstrates that any material changes from the plans referenced above results in no more than a minor change to the adverse effects on the environment; and
- All other conditions are still able to be complied with.

Where there may be inconsistencies between information within the documents listed above and conditions of the designation, these conditions shall prevail.

19.2

An outline plan/s shall be submitted to Council (as the Territorial Authority) in accordance with section 176A of the RMA, unless a waiver for this requirement is provided in writing by Council.

As well as the matters set out in section 176A(3), the outline plan(s) shall include the following items in accordance with conditions on this designation:

- Design Statement
- Landscape and Vegetation Management Plan
- Construction Noise and Vibration Management Plan
- Operational Traffic Management Plan

19.3

As soon as reasonably practicable following the completion of construction of the SMF, the Requiring Authority shall give notice in accordance with section 182 of the RMA, seeking the revision of the designation boundary to that shown in Plan 3258521-DA-K0112 Rev A.

19.4

The Requiring Authority shall arrange and conduct a pre-construction site meeting with the contractor prior to any work authorised by this designation commencing on site and invite, with a minimum of 10 days' notice, Council's Compliance Monitoring Officer (CMO) and any other key Council representatives determined by the CMO.

Note: In the case that any of the invited parties, other than the representative of the Requiring Authority and the contractor, do not attend this meeting, the Requiring Authority will have complied with this condition, provided the invitation requirement is met.

19.5

The Requiring Authority may request amendments to any of the management plans required by these conditions by submitting the amendments in writing to the CMO at least 10 Working Days prior to any changes taking effect. Any changes to management plans shall remain consistent with the overall intent of the management plan and relevant conditions and achieve the outcomes required by these conditions. The changes sought shall not be implemented until the Requiring Authority has received the CMO's written approval for the amendments.

19.6

The designation does not authorise the removal of the landform to the west of Stewart Duff Drive and within the north-west area of the designation, known as the 'hillock', either in whole or in part.

20 Layout and Heights

Each structure is depicted on the general arrangement plan attached to this designation (plan 3258521-DA-000-K0121 Rev A). Variations to the siting and footprints of these buildings/structures may occur to accommodate layout and design evolution, but only to the extent that all other SMF designation conditions are complied with.

All key structures, identified in the table below, shall not exceed the following heights, based on NZ Vertical Datum 2016, as set out in the Table below:

Key Structure	Maximum Height (NZVD2016)
Main Sludge Processing Building 1	35.5m
Main Sludge Processing Building 2	32.0m
Digesters	30.0m

These maximum heights are measured relative to New Zealand Vertical Datum and are not the absolute heights of each structure.

Note: Maximum heights excludes roof mounted equipment and building facades.

21 Design and Appearance

21.1

The Requiring Authority shall prepare a Design Statement. The Design Statement shall set out how the following has been considered in the design:

- That site levels and building form, colour and texture reduce the apparent height and bulk of large buildings, and minimise reflectivity and glare when viewed from adjoining public, residential areas or the air.
- That variations in building mass, height and architectural form have been considered to provide visual cohesiveness and interest, reduce any potentially adverse effects of building bulk and scale and promote visual permeability.

- That landscape treatment has been incorporated where practicable to assist in the screening of parking, loading and storage areas.
- That opportunities for low-level amenity planting within the Stewart Duff Drive frontage have been explored to benefit those passing by close to the site.
- That the use of sustainable materials/techniques have been considered as part of the design.

The Design Statement shall also demonstrate how the development is consistent with the following requirements for the purpose of mitigating landscape and visual effects:

- All colours and materials applied to the SMF shall have a light reflectance value (LRV) or equivalent no greater than 42%, excluding the gas bag(s).
- All colours and materials applied to the SMF shall be selected from a colour palette that relates to the natural environment, of either the hillside and its vegetation or the sky and seascape that surrounds it.
- The proposed gas bag(s) shall not be white unless it can be demonstrated that the gas bag(s) colour selection has been considered as part of the visual cohesiveness of the overall SMF design and colour palette. Where practicable, the gas bag(s) shall have a light reflectance value (LRV) no greater than 42%.
- Details of the concrete compound and surface finish or mixture to be used externally on the buildings demonstrating that it achieves an equivalent light reflective value (LRV) of 42% maximum.
- The SMF buildings shall not be clad in materials including stainless steel or unpainted galvanised steel, copper or polycarbonate translucent cladding.
- Any glazed areas shall use low-reflectivity glass.
- Any external lighting shall be shielded to prevent light spill. Any external lighting shall be for wayfinding and security reasons only.
- The SMF buildings shall not include any sign-writing or advertising. Any signage shall be low level, for health and safety and way-finding purposes only, for the benefit of site users.
- Details of fences, gates and walls will be provided. Such structures will be as inconspicuous as practicable.
- Details of the vegetated wire mattress system for stabilisation of cut slopes and the exact locations for any proposed shotcrete will be provided.

In preparing the Design Statement, the Requiring Authority shall consult with Council and a final draft shall be submitted to Council for comment. In finalising the Design Statement, the Requiring Authority shall take into account any feedback received from Council.

Note – This would not preclude the use of pattern or artwork(s) (excluding text) on the exterior of the building, and the applicant is encouraged to consider this as an option.

Note - To achieve an equivalent LRV of 42%, the concrete will need to be coated or include an oxide in the mix, or both. Any texture applied to the concrete will also assist in reducing the material's reflectivity. The concrete's reflectivity will need to be approximately midway between Gull Grey (50% LRV) and Sandstone Grey (27% LRV).

21.2

The Requiring Authority shall prepare a Landscape and Vegetation Management Plan (LVMP) which shall achieve the following:

- The creation of improved quality lizard habitat on the unaffected or modified slopes which surround the main construction site and identified Council reserves, in accordance with the Lizard Management Plan certified by the Department of Conservation (as required under Condition 27.1).
- Where consistent with the aims and outcomes of the Lizard Management Plan (LMP), unaffected or modified slopes shall be revegetated in a manner that restores indigenous biodiversity values, whilst also being informed by Council's plant list for coastal headlands, cliffs, escarpments and gullies.
- Where practicable, vegetation cover shall be established on disturbed surfaces as soon as possible for the purposes of reducing erosion, sedimentation and the visual impact of earthworks.
- Planting areas shall be maintained for a minimum of five years including pest plant management.
- Engagement with Predator Free Wellington to manage the potential for the SMF to adversely impact ongoing animal pest control measures in the surrounding area.
- Any vertical cut faces are to be supported by retaining walls or similar engineering features. Retaining structures (excluding shotcrete) shall not be publicly visible (either forming part of building envelope or screened by proposed buildings).
- Any gabion baskets shall be at the toe of the slope only and shall not be publicly visible.
- All proposed planting shall be low-level only to ensure that the ongoing safety of airport operations is not adversely affected.
- Where practicable, provide opportunities to work with the local community as part of vegetation restoration and/or ongoing management.
- In preparing the LVMP, the Requiring Authority shall consult with the Council and a final draft shall be submitted to both parties for comment. In finalising the LVMP, the Requiring Authority shall take into account any feedback received from the Council.

Note: Following the completion of the habitat enhancement programme (both on site and on identified Council reserves), an assessment of actual outcomes of relocation and habitat enhancement work shall be undertaken through a five-year monitoring programme, in accordance with the certified Lizard Management Plan and conditions of the Wildlife Act Authority.

Note: Specifically for this condition, 'publicly visible' means visible from a member of the public at ground level on Stewart Duff Drive.

22 Flooding

22.1

The plant equipment, buildings and contouring of the site are to be designed in such a way as to ensure that any overflows, including the accidental or emergency breaches of any tanks, are directed away from the Airport and Cyclotek Pharmaceuticals Ltd. In particular, the stormwater (reticulated network) drainage system is to be designed for a 20 year return period and the layout of the plant is to incorporate such bunding and curbing as is necessary to direct stormwater / overland flows from a 100 year return period (with climate change) direct to Moa Point Road away from the Airport and avoiding the boundary of Cyclotek Pharmaceuticals Ltd.

22.2

The Requiring Authority shall demonstrate to the CMO that the buildings and structures of the Sludge Management Facility are designed to be resilient to at least a 100 year return period of flooding event.

22A Three Waters

22A.1

The Requiring Authority must comply with the requirements of the WCC Code of Practice for Land Development (either its current version or replacement document), unless otherwise modified by condition(s) of the designation or agreed in writing by the Wellington Water Land Development Team. These are the engineering standards for mitigating adverse effects on the environment from earthworks, traffic (roading and vehicle access), wastewater and stormwater drainage, water supply and utility structures.

22A.2

No construction activities deemed to impact the existing water supply, stormwater or wastewater drainage assets shall start prior to sufficient documentation being submitted to the Wellington Water Land Development Team for their acceptance. Such documentation may include some or all of the following:

- i. engineering plans and design certificate,
- ii. specifications,
- iii. Design documentation (assessment, detailed drawings, and calculations) to support build over/near the Wellington Water.
 - wastewater pipes and pumpstation
 - Stormwater pipes
 - Water supply pipes
- iv. Construction management plans, including risk assessment, risk mitigations, contingency plans in response to potential damage to existing assets and consideration of ongoing operation and maintenance activities.

22A.3

Where existing buildings have been, or are to be, demolished or replaced, the end of the existing private water, stormwater and wastewater lateral(s) must be abandoned/decommissioned including disconnecting from the public main (water) and capping at the shared private drain (stormwater and wastewater). It is required that Council be advised of the final treatment by way of including the location of capping on the final as-built plan.

Advice Notes:

1. Where drainage works are required, permits in addition to the works authorised by this designation are required: namely
 - Public Drainage Permit
Some of the engineering plans and specifications in the designation condition above are to be submitted during the application stage for these permit(s).
2. Scheme and other indicative layout plans submitted as part of the application will be used by Council for information purposes only. These plans will not be used for granting approval under the condition above. Approvals will only be given on detailed engineering plans.

3. Prior to connection, an application for water supply and wastewater / stormwater (if required) is required to be made to Wellington City Council. All works must be inspected and tested by the Wellington Water, Water and Drainage Inspector.

22A.4

The Requiring Authority shall provide the buildings with an appropriately sized metered water service pipe connected to a water supply main for domestic supply. An engraved plastic tag reading “WATER SUPPLY MANIFOLD FOR (Street No)” is to be secured to the manifold clearly showing which property is served by the manifold. An RPZ-type backflow preventer is required if the connection is greater than 20mm DI.

22A.5

The Requiring Authority shall manage fire safety in the facility through either option 1 or 2:

1. Install a sprinkler protection system in accordance with Automatic Fire Sprinkler Systems NZS4541 (excluding spaces where gas suppression systems are employed and electrical rooms which are fire rated in lieu of sprinklers). The Requiring Authority shall demonstrate that flow rates are adequate to service the sprinkler system. If upgrade of public water supply infrastructure is required specifically to provide adequate flows, this shall be at the cost of the Requiring Authority.
2. Provide a firefighting water supply complying with the NZ Fire Service Code of Practice for Firefighting Water Supplies SNZ PAS 4509:2008

22A.6

The Requiring Authority may build over the existing public wastewater and stormwater network. No construction deemed to impact the existing water supply, stormwater or wastewater drainage assets shall start prior to sufficient documentation being submitted to the Wellington Water Land Development Team for their acceptance, including but not limited to;

- i. Engineering plans and design certificate,
- ii. Specifications,
- iii. Seismic and Structural Design Assessment and Calculations, including assessment of:
 - The potential for any interaction effects between the proposed building’s foundations and piles near the wastewater assets (pipes and pumpstation) in a seismic event, and
 - The factors of safety and implications on the existing pipes and wastewater pumpstation as a result of any new buildings and structures,
- iv. Safety in Design Assessment, including
 - 24 / 7 access to the wastewater pumpstation for operation / maintenance purposes,
 - Methodology for maintenance / eventual replacement.

22A.7

The development of this site will require the public wastewater network to be amended to facilitate the building of structures and buildings over those services. The public wastewater network modifications shall be inspected on site prior to the works commencing and their condition certified by a suitably qualified Civil/Structural Engineer. At the conclusion of the engineering works the Requiring Authority is to provide a further certification from a suitably qualified chartered engineer that the public wastewater assets are in accordance with the design (pipes and pumpstation) and the assets are in good condition.

22A.8

The development of this site may require the public stormwater and wastewater main to be altered to serve the development. All newly constructed stormwater and wastewater mains to be vested in Council shall be approved by Wellington Water Land Development Team based on a [video or] closed circuit television (CCTV) inspection carried out by the Requiring Authority in accordance with the New Zealand Pipe Inspection Manual. A pan tilt camera shall be used and lateral connections shall be inspected from inside the main.

22A.9

As the proposed construction may not comply with the Regional Standard for Water Services requirement for building/working near public wastewater and stormwater mains and pumpstation, the Requiring Authority must provide pre- and post- inspection footage and reports of the existing public infrastructure to the Wellington Water Land Development Team for approval.

22A.10

Any new defects identified post-development and deemed to be caused by the construction activities on the site must be repaired by the Requiring Authority prior to acceptance. Costs incurred for such repairs will be at the expense of the Requiring Authority.

22A.11

Piles and concrete foundations within the proposed public stormwater and wastewater assets must be kept a minimum of 1.0m from all public infrastructure, and pile foundations are required to be founded on solid ground below the main invert level within 1.0m of the main in accordance with Standards and Guidelines for buildings over or near Public Drains.

22A.12

The development must be provided with a suitably sized, separate and direct stormwater and wastewater lateral connections to a public stormwater and wastewater network at a location accepted in writing by the Wellington Water Land Development Team.

22A.13

At the conclusion of the engineering works, the Requiring Authority is to submit as-built drawings that meet the requirements of Wellington Water Regional As-built Specification for Water Services for water supply, wastewater and stormwater drainage.

22A.24

Once an as-built plan has been submitted and before vesting of assets or application, the Requiring Authority is required to arrange for a final inspection with the Wellington Water Drainage Inspector.

23 Construction Work Hours

23.1

Normal working hours for onsite construction activities will be as follows:

- a. 7:00am to 6:00pm Monday to Saturday (excluding public holidays).
- b. All heavy construction vehicle access to the site shall be via Moa Point Road. There shall be no access to the site from the north using the airport perimeter road for such vehicles.
- c. Any construction work which cannot be reasonably undertaken during normal working hours shall be identified in the Construction Traffic Management Plan and/or the Construction Noise and Vibration Plan required by Condition 25.

24 General Construction Restrictions

24.1

At all times, appropriate measures shall be taken to ensure that any arc-welding will not be hazardous to air traffic at Wellington International Airport.

24.2

At all times, diesel-powered machinery (including trucks) shall be maintained to avoid, remedy or mitigate minimise excessive smoke and/or diesel odour emissions.

24.3

The proposed construction shall be carried out in such a manner that the generation of dust is kept to a practicable minimum. In any case there must be no particulate matter beyond the boundary of the site that has an objectionable or offensive effect as a result of the activities authorised by this designation.

For the purposes of this condition, the boundary of the site is as defined in Plan 7 (ref. 3258521-DA-000-K0113) attached to this designation.

24.4

Where there is potential for a project or work to adversely affect the operation of Wellington Airport, including but not limited to visual navigation aids or air traffic facilities or activities, the Requiring Authority shall coordinate with Wellington international Airport Limited (WIAL) to ensure that the project or work will not affect WIAL's ability to meet its obligations under the Civil Aviation Authority New Zealand Rules.

25 Construction Management Plans

25.1

A Construction Traffic Management Plan (CTMP) shall be submitted to the CMO for certification at least 10 working days prior to the proposed date of commencement of the SMF works.

The CTMP shall detail the procedures, requirements and standards necessary for managing the traffic effects during construction so that safe, adequate and convenient routes for local movements by all transport modes are maintained, including access for airport operations, throughout the construction of the Project. In particular, the CTMP shall include:

- a. Construction dates and hours of operation.
- b. The identification of the two heavy vehicle construction routes (as identified as Route 1 and Route 2 in the supporting Transport Assessment, prepared by Beca, dated August 2022).
- c. A requirement to co-ordinate and collaborate with WIAL regarding any overlapping WIAL construction activities, namely the freight / logistics hub, to manage and mitigate cumulative construction traffic effects as far as practicable.
- d. A requirement to co-ordinate with Cyclotek to agree measures to maintain vehicle and pedestrian access for staff and visitors associated with Cyclotek operations, including courier dispatch, waste management and delivery/service vehicles
- e. Details of over-dimension trucks and/or loads which could not use either Route 1 or Route 2 to access the site and would therefore need to cross the airport taxiway during airport curfew hours. Use of the taxiway requires WIAL approval on a case-by-case basis.
- f. A requirement to consult with WIAL and seek their agreement to impose a reduced speed limit of 30km/h along Stewart Duff Drive during construction, between the main construction yard and the junction with Moa Point Road.

- g. Notwithstanding Condition 25.1(f) above, a requirement that all construction vehicles are limited to speeds of 30km/h during construction along Stewart Duff Drive between the main construction yard and the junction with Moa Point Road.
- h. Safety control measures such as fencing, barriers, hoarding, signage and a temporary crossing point.
- i. A staff travel management plan including a car pool policy and consideration of off-site, off-road parking opportunities.
- j. A requirement that all construction vehicle drivers are trained and inducted to make them aware of: reduced speed limit along Stewart Duff Drive, as identified at Condition 25.1(f); and the potential for school children crossing the road in certain locations on the identified heavy vehicle construction routes.
- k. A temporary traffic management plan to avoid potential conflicts between pedestrians and construction traffic on Stewart Duff Drive, either in the form of protected pedestrian routes or via closure of footpaths with alternative routes/diversions provided.
- l. Measures to maintain vehicle and pedestrian access for staff and visitors to Moa Point WWTP.
- m. Contact details for appropriate person(s) implementing the CTMP, including after-hours contact details.
- n. The identification of any construction work which cannot be reasonably undertaken during normal working hours, as per Condition 23.1.
- o. A plan for the management of pedestrian and vehicular traffic along Stewart Duff Drive where the road is temporarily closed to the public, with alternative routes/diversions provided and associated signage, if appropriate. This plan shall be prepared in consultation with WIAL.

The following further specific measures are required in relation to concrete truck activities exceeding 100m³ in any one day:

- p. A requirement that heavy vehicles associated with concrete pour activities to use Route 1 only.
- q. A requirement to co-ordinate with Council regarding any planned construction works on the road corridor along the proposed construction vehicle routes.
- r. Unless otherwise permitted through Condition 25.1(n), all concrete pour activities and associated heavy vehicle construction traffic to be undertaken within the following time restrictions:
 - i. Outside of the summer break, all work to be undertaken on weekdays only, other than on a Saturday where work shall finish prior to 10:00am.
 - ii. During the summer break, all work shall finish prior to 10:00am on any day, other than Sundays.
Note: it is anticipated that concrete pour activities will take place outside of normal Construction Work Hours under Condition 23.1 and accordingly, such details shall be set out in the CTMP in accordance with Condition 25.1(n).
- s. Detailed management plan for the management of pedestrian and vehicular traffic along Stewart Duff Drive during this period, which would either require the presence of traffic controllers or a relevant portion of the road is closed to the public, with alternative routes/diversions provided and associated signage.
- t. Traffic management measures at key school pedestrian crossings along Route 1 between the hours of 8:15am to 9:15am and 2:30pm to 3:30pm, Monday to Friday, during school term times only. These measures must be approved by the CMO, in consultation with the RCA, prior to the commencement of any works involving concrete pour truck movements.

All construction works shall be undertaken in accordance with the certified CTMP.

Once certified, amendments to the CTMP can be made by agreement in writing between the CMO and the Requiring Authority.

25.2

The Requiring Authority shall submit a Construction Noise and Vibration Management Plan (CNVMP) which shall be prepared by an appropriately qualified acoustic and vibration specialist. The purpose of the CNVMP is to provide a framework for the development and implementation of measures to avoid, remedy or mitigate adverse construction noise and vibration effects, and to minimise any exceedance of the criteria set out in Conditions 25.3 and 25.4.

As required by Condition 23.1, the CNVMP shall also identify any construction work which cannot be reasonably undertaken during normal working hours. The CNVMP shall include details of advance communication to be undertaken with residents prior to commencing activities that are predicted to exceed noise performance standards.

The CNVMP shall also identify measures to avoid, remedy or mitigate adverse construction noise and vibration effects on Cyclotek.

25.3

Construction noise shall be measured and assessed in accordance with NZS 6803:1999 Acoustics – Construction Noise’. The construction noise shall, where practicable, comply with the following criteria, except as provided for in the CNVMP:

Time of week	Time period	dB LAeq (15min)	dB LAF (max)
Weekdays	0630-0730	55	75
	0730-1800	70	85
	1800-2000	65	80
	2000-0630	45	75
Saturdays	0630-0730	45	75
	0730-1800	70	85
	1800-0630	45	75
Sundays and public holidays	0630-0730	45	75
	0730-1800	55	85
	1800-0630	45	75

25.4

A suitably qualified acoustic expert shall be engaged to assess and manage construction vibration. The vibration criteria set out in Table 4 of DIN 4150-3 2016 shall be met, where practicable. Where it is not practicable to achieve those criteria, the CNVMP shall set out how those activities will be undertaken to minimise, monitor and manage potential vibration effects.

25.5

All earthworks, including the extraction of the below ground fuel tank, to be undertaken in accordance with the Contaminated Soils Management Plan (July 2022), prepared by Beca Limited.

25A Geotechnical

Prior to the commencement of the northern section of the former quarry headwall, the Requiring Authority shall commission a Geotechnical Assessment Report (GAR) of any land that is to be disturbed. The GAR shall be provided to Council for certification at least 20 working days prior to any earthworks occurring. The GAR must be undertaken by an experienced “Geotechnical Professional” and as a minimum contain, but not be limited to, the following:

- A review of all available geotechnical reports for the site including the Geotechnical Interpretive Report by Connect Water (dated November 2020, reference 6511521/1916).
- A summary of the ground conditions interpreted from geotechnical investigations.
- A geotechnical analysis of the design concept and resulting recommendations that will mitigate any potential adverse effects.

The purpose of the GAR shall be to demonstrate geotechnical soundness and resilience of the earthworks and surrounding slopes.

A ‘Geotechnical Professional’ is defined as a Chartered Professional Engineer (CPEng) with specialist geotechnical skills and experience in the design, construction and monitoring of excavations in similar ground conditions as the proposed project or work.

A Geotechnical Professional shall be engaged for the detailed design and construction phases of the project or work.

The name and the contact details of the Geotechnical Professional shall be provided to Council as part of the GAR required by this condition.

25A.2

A Geotechnical Professional will monitor the earthworks. The Geotechnical Professional will advise on the best methods to ensure:

- The methods to ensure the stability of the site and surrounding land
- The construction of cut faces, fill batters, staging, shoring, and benching as required for stability of the earthworks,
- the design and construction of the temporary and permanent earthworks, retaining structures and drainage, are consistent with the recommendations from the geotechnical report as part of condition 1 above.

The Requiring Authority must follow all the advice of the Geotechnical Professional in a timely manner.

25A.3

Within one month of completion of the earthworks, an earthworks completion report for land development prepared under Schedule 1C of the NZS 4404:2010 including its accompanying documents, shall be provided to the Council’s CMO and any necessary monitoring undertaken. In relation to any earthworks associated with structures/buildings works, a PS4 for the structures must be provided to the Council’s CMO in conjunction with the earthworks completion report.

26 Erosion & Sediment Control Plan

26.1

The Requiring Authority shall provide at least 10 days prior to the commencement of works on the site a copy of the ESCP certified by Greater Wellington Regional Council to the CMO for their records.

Advice Note: The GWRC resource consent for earthworks requires the ESCP to be prepared in consultation with WIAL with regard to dust management controls.

If during the construction period any changes are made to the certified plan that requires the recertification of GWRC, then a copy of the revised certified plan shall be provided to the CMO within 5 working days of receiving confirmation of the recertification.

27 Ecology

27.1

At least 10 days prior to any works on land identified as lizard habitat, the Requiring Authority shall provide a copy of the Lizard Management Plan and a copy of the permit obtained under the Wildlife Act 1953, as certified by the Department of Conservation, to the CMO for their records.

The Requiring Authority shall undertake the SMF works in accordance with the Lizard Management Plan and any conditions of the permit obtained under the Wildlife Act 1953.

27.2

Where practicable, the clearance of vegetation and loose rock along the toe of the embankment shall avoid avifauna breeding season (July to February). Where such works cannot be avoided within the avifauna breeding season, the following provisions apply:

- a. Within one week prior to such works occurring, a visual inspection shall be carried out by a suitably qualified ecologist to confirm the presence or absence of active penguin nests or the nests of other native birds;
- b. If an active penguin or other native bird nest (other than black backed gull) is discovered, the area must be cordoned off with a 100m buffer. No works shall occur within this buffer until the nesting birds have fledged, or the nest has been naturally abandoned.

28 Community Liaison and Complaints Register & Mana Whenua Engagement

28.1

The Requiring Authority shall engage with Taranaki Whānui and Ngāti Toa Rangatira and undertake the following:

- invite Taranaki Whānui and Ngāti Toa Rangatira to confirm their desired level of involvement in the SMF and, if requested by either iwi:
 - i. offer to meet regularly prior to and throughout the duration of the SMF construction and operation.
 - ii. Inform iwi about progress with management plans and to provide an opportunity for feedback on any draft management plan or outline plan prior to submission to the CMO or WCC.
 - iii. provide an opportunity for feedback on the draft Commissioning Odour Management Plan prior to submission to the GWRC.
 - iv. consider any issues raised by iwi relating to compliance with designation conditions, including management plans and outline plans.
 - v. be responsible for working with iwi to identify opportunities for the proposal to create education opportunities for Māori associated with the project.

28.2

The Requiring Authority shall work with Wellington Water Limited and the Community Liaison Committee (as originally established in association with the Moa Point WWTP) to review the frequency of CLC

meetings, membership and current terms of reference to ensure it is able to adequately provide an effective forum for the construction phase and ongoing operations of the SMF. The Requiring Authority shall:

- Invite parties interested in the SMF to become members of the Community Liaison Committee (CLC).
- offer to attend regular CLC meetings prior to and throughout the duration of the SMF construction and operation.
- inform the CLC and its members about progress with management plans and to provide an opportunity for feedback on any draft management plan or outline plan prior to submission to the CMO or WCC.
- provide an opportunity for feedback on the draft Commissioning Odour Management Plan prior to submission to the GWRC.
- consider any issues raised by the Community Liaison Committee relating to compliance with designation conditions, including management plans and outline plans.
- be responsible for working with the Community Liaison Committee to identify opportunities for the proposal to create education opportunities associated with the project.

28.3

At all times during the Works, the Requiring Authority shall maintain a permanent register of any complaints received alleging adverse effects from, or related to, the Works. The register shall include:

- a. The name 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 or noise;
- e. The outcome of the Requiring Authority's investigation into the complaint;
- f. Measures taken to respond to the complaint; and
- g. Any other activities in the area, unrelated to the construction, which may have contributed to the complaint (such as non-Project construction, fires, traffic accidents or unusually dusty conditions generally).

28.4

In response to any complaints received, the Requiring Authority shall:

- a. Acknowledge the complaint within 2 Working Days.
- b. Promptly investigate, identify the urgency associated with the complaint and communicate that to the complainant.
- 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.
- d. Maintain a record of its responses and any remedial actions undertaken.
- e. This record shall be maintained on site and shall be made available upon request.

29 Accidental discovery protocol

If koiwi, taonga, or other archaeological material is discovered in any area during the works, work shall immediately cease and the requiring authority shall contact Taranaki Whānui, Ngāti Toa Rangitira, Heritage New Zealand and Wellington City Council within 24 Hours. If human remains are found, the New Zealand Police shall also be contacted. The requiring authority shall allow the above parties to inspect the site and in consultation with them, identify what needs to occur before work can resume.

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

30 Operational Noise

30.1

Sludge Minimisation Facility operational noise emission levels when measured at or within the boundary of any residentially zoned site, shall not exceed the following noise limits:

All days 7.00am to 7.00pm (day)	55 dB LAeq(15 min)
All days 7.00pm to 10.00pm (evening)	50 dB LAeq(15 min)
All days 10.00pm to 7.00am (night)	45 dB LAeq(15 min)
All days 10.00pm to 7.00am (night)	75 dBA LAFmax

Noise measurements shall be measured in accordance with NZS 6801:2008 “Acoustics – Measurement of environmental sound”. Noise measurements shall be assessed in accordance with NZS 6802:2008 “Acoustics - Environmental Noise”.

31 Air Quality

31.1

At least 10 days prior to the commencement of the Commissioning Phase of the SMF, the Requiring Authority shall provide a copy of the Commissioning Odour Management Plan (COMP) certified by Greater Wellington Regional Council to the CMO for their records.

If, prior to the commissioning phase any changes are made to the certified plan that requires the recertification of GWRC, then a copy of the revised certified plan shall be provided to the CMO within 5 working days of receiving confirmation of the recertification.

31.2

At least 10 days prior to the commencement of the Operations Phase of the SMF, the Requiring Authority shall provide a copy of the Operational Odour Management Plan (OOMP) certified by Greater Wellington Regional Council to the CMO for their records.

If, prior to the operation phase any changes are made to the certified plan that requires the recertification of GWRC, then a copy of the revised certified plan shall be provided to the CMO within 5 working days of receiving confirmation of the recertification.

31.3

At least 10 days prior to the commencement of the Operation Phase of the SMF, the Requiring Authority shall provide a copy of the Operation and Maintenance Plan (OMP) certified by Greater Wellington Regional Council to the CMO for their records.

If, prior to the operation phase any changes are made to the certified plan that requires the recertification of GWRC, then a copy of the revised certified plan shall be provided to the CMO within 5 working days of receiving confirmation of the recertification.

31.4

There shall be no noxious, dangerous, offensive or objectionable odour or particulate matter discharged to air to the extent that it causes an adverse effect at or beyond the boundary of the site during commissioning or operation of the SMF.

For the purposes of this condition, the boundary of the site is as defined in Plan 7 (ref. 3258521-DA-000-K0113) attached to this designation.

31.5

The Requiring Authority must operate the SMF in such a manner that the generation of dust is kept to a practicable minimum. In any case there must be no particulate matter beyond the boundary of the site that has an objectionable or offensive effect as a result of the activities authorised by this designation.

For the purposes of this condition, the boundary of the site is as defined in Plan 7 (ref. 3258521-DA-000-K0113) attached to this designation.

32 Operational and Maintenance Traffic

32.1

The Requiring Authority shall submit an Operational Traffic Management Plan (OTMP). The purpose of the OTMP is to manage transport safety effects of operational traffic. Matters to be considered by the OTMP shall include:

- alerting other road users and pedestrians along Stewart Duff Drive of truck movements occurring in association with the operation of the SMF
- managing the potential for conflict between HGVs travelling in both directions along the Moa Point WWTP access road
- managing the potential for conflict with other road users and pedestrians where HGVs need to reverse on to Stewart Duff Drive
- managing the potential for conflict with other road users and pedestrians where site access/egress points along Stewart Duff Drive are extensively wide and/or have limited sightlines

The OTMP must also include details of how SMF HGV drivers will be inducted/trained to assist in mitigating the transport safety effects of the operation of the SMF.

32.2

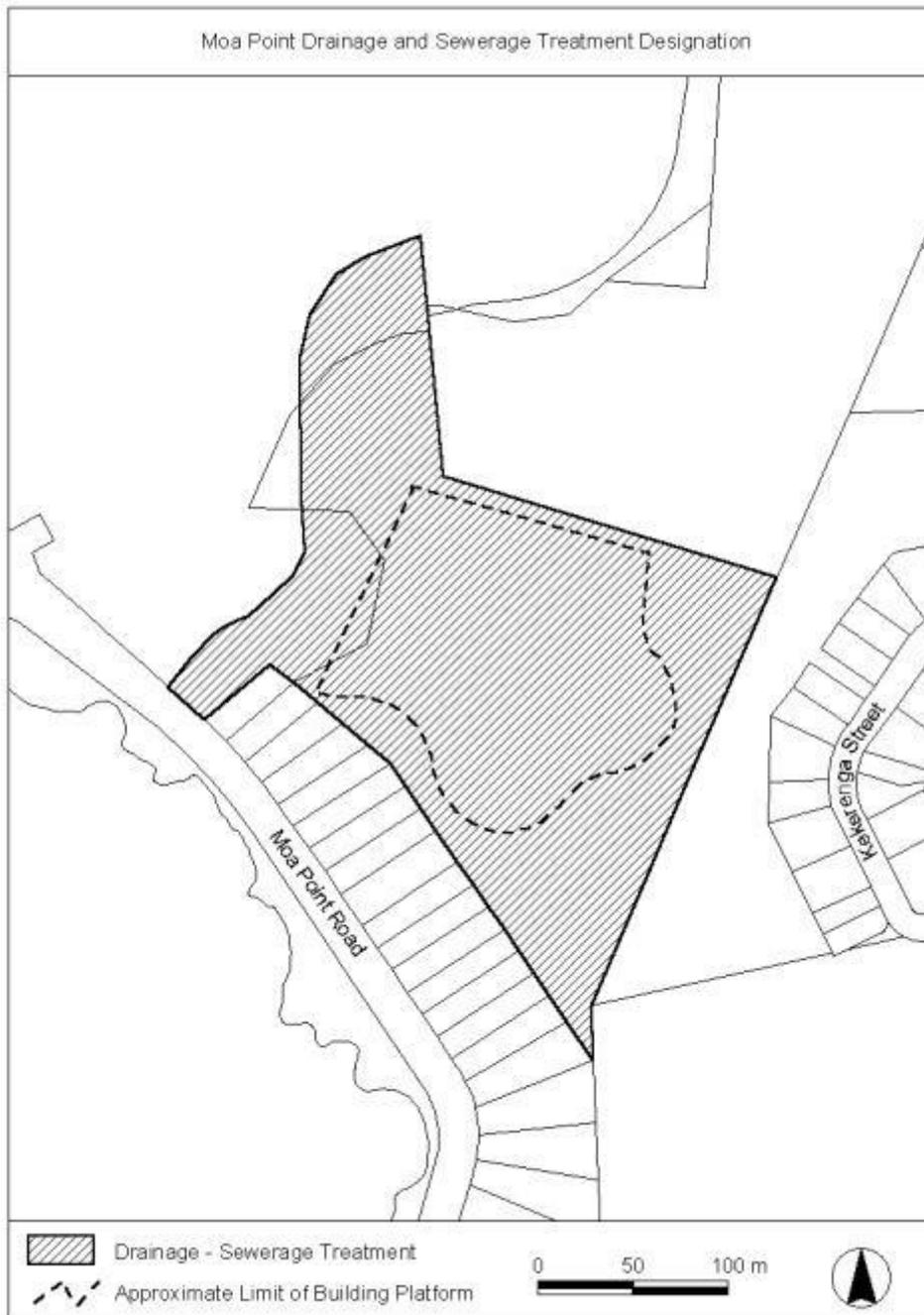
A Maintenance Period Traffic Management Plan (MPTMP) for the scheduled 1 week annual shutdown / maintenance period of the SMF shall be submitted to the CMO for certification at least 20 working days prior to the first planned maintenance activity during operations. The purpose of the MPTMP is to manage transport and parking effects of service and staff vehicles during maintenance periods alongside normal operational truck movements.

The MPTMP shall include the schedule of the maintenance activity and the normal truck operation, anticipated movements of the maintenance trucks and the management of temporary on-site parking.

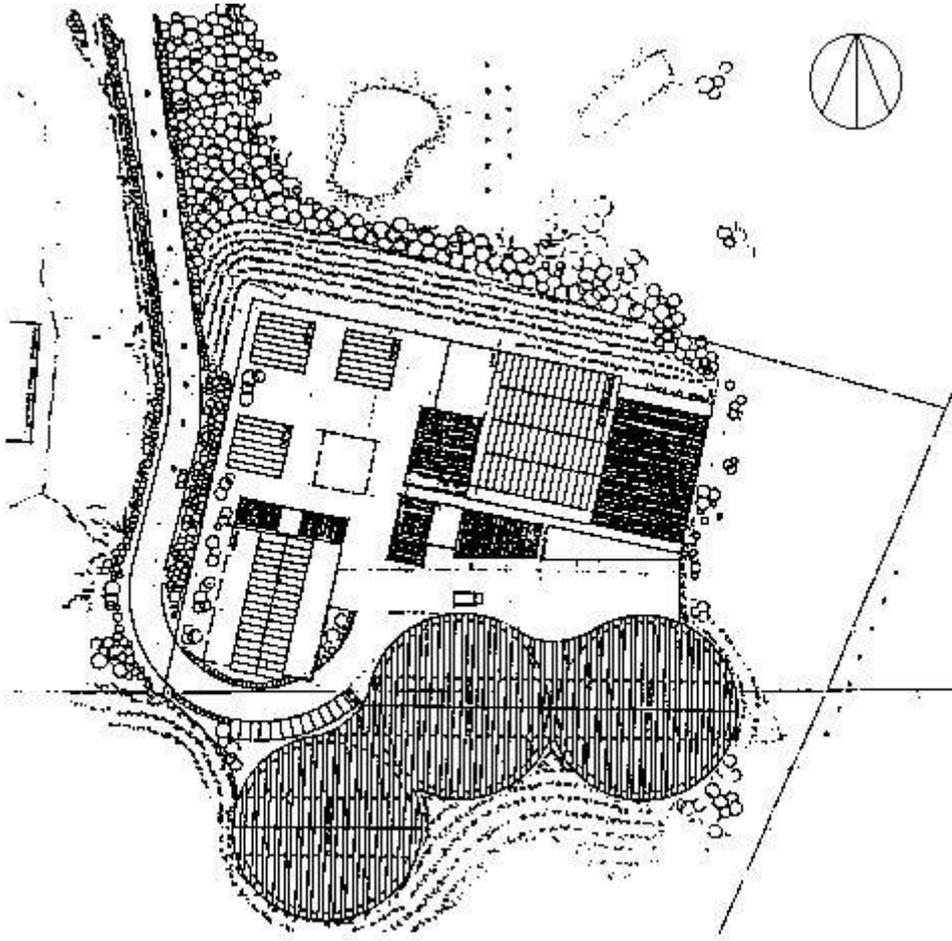
The MPTMP shall be implemented and maintained throughout each annual maintenance period for the SMF to manage potential adverse transport and traffic effects arising from maintenance activities to the greatest practicable extent.

Once certified, amendments to the MPTMP can be made by agreement in writing between the CMO and the Requiring Authority

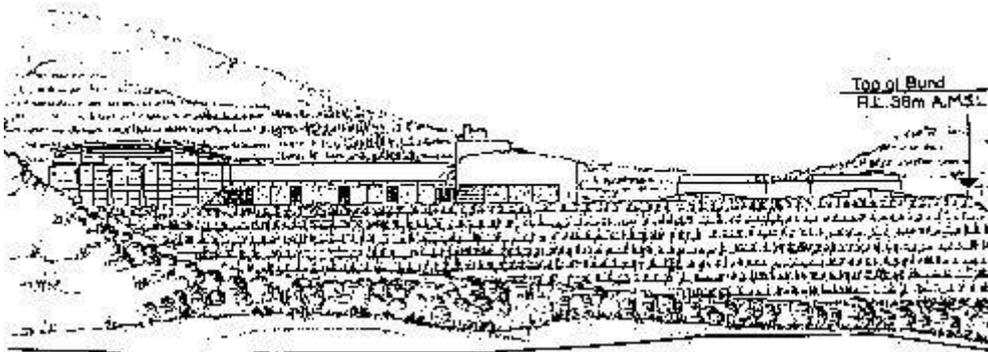
Plan 1 - Detail of Designation



Plan 2 - Plan of Proposed Plant

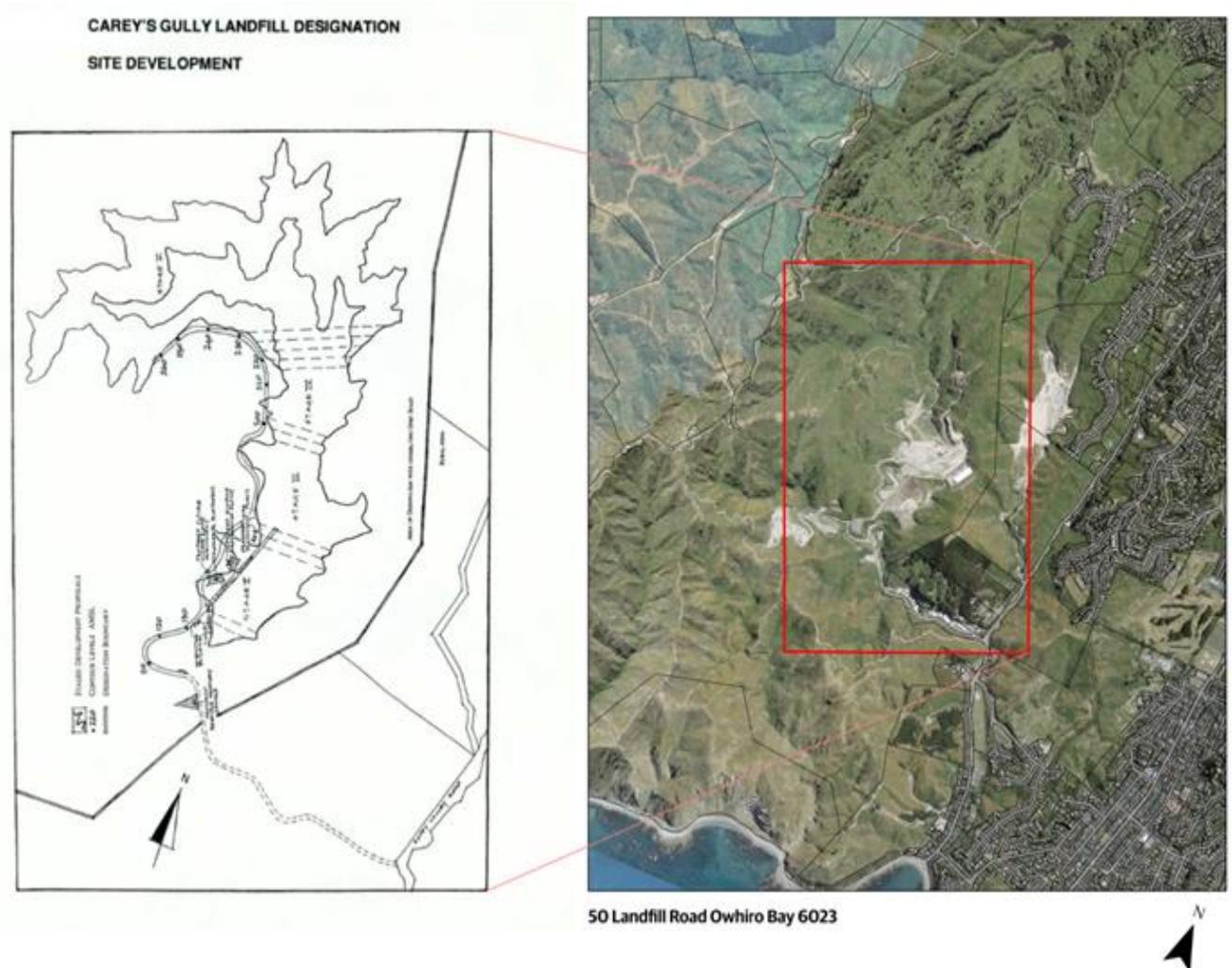


Plan 3 - Elevations of Proposed Plant



Conditions 2: Wellington City Council (Careys Gully Landfill) Conditions

Plan 1 – Site Development



Conditions 3: Wellington City Council (Prince of Wales/Omāroro Reservoir) Conditions

Definitions, abbreviations, acronyms and terms

Term	Definition
AEE	Assessment of Environmental Effects for the Prince of Wales / Omāroro Reservoir Project
CMP	Construction Management Plan
CLG	Community Liaison Group
CLP	Community Liaison Person
CMO	Wellington City Council's Compliance Monitoring Officer
CNVMP	Construction Noise and Vibration Management Plan
CRG	Community Reference Group
CTMP	Construction Traffic Management Plan
Commencement of construction	The time when the Works that are the subject of this designation (including any enabling works) start

Completion of construction	Completion of reservoir earthworks, restoration of the reservoir site and sports fields, and completion of planting (not including any further planting that may be required as part of the maintenance and monitoring period)
EMP	Earthworks Management Plan
Enabling works	Works that may be carried out in advance of bulk earthworks that include site establishment, vegetation clearance, fencing, and installation of accesses and erosion and sediment control measures.
Geotechnical Professional	A Chartered Professional Engineer (CPEng) with specialist geotechnical skills and experience in the design and construction of excavation and retaining works on steep slopes similar to those proposed and in similar ground conditions
GWRC	Greater Wellington Regional Council, including any officer of Greater Wellington Regional Council
LEMP	Landscape and Ecology Management Plan
Outline Plan	An Outline Plan prepared in accordance with section 176A of the Resource Management Act 1991
PFMP	Playing Fields Management Plan
Project	The design, construction, maintenance, and operation of the Omāroro Reservoir as in the AEE and these designation conditions
SSTMP	Site specific traffic management plan
WCC	Wellington City Council
Work or Works	The construction, maintenance, or operation of the Project, including where relevant any stage or part thereof
Working day	Has the same meaning as under Section 2 of the Resource Management Act 1991

Designation Conditions

No.	Designation conditions
	General conditions and administration
DC.1	<p>a. Except as modified by the conditions below, and subject to final design and Outline Plan(s), the Project shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement and supporting documents being:</p> <ul style="list-style-type: none"> i. AEE Report, dated 15 September 2017 ii. Notice of Requirement Update, dated 29 January 2018 iii. AEE Report (alteration), dated 24 April 2020 <p>b. Where there is conflict between the documents listed above and these designation conditions, these conditions shall prevail.</p> <p><i>NOTE: The conditions of this designation have been specifically prepared to manage the construction of the project. With the exception of DC.1</i></p> <p>a. <i>All conditions will expire, and may be removed from this designation in accordance with s182 of the RMA, upon completion of the Works.</i></p>
DC.2	<p>As soon as reasonably practicable following the completion of construction of the Project, the Requiring Authority shall:</p> <ul style="list-style-type: none"> a. Review the area designated for the Project b. Identify any areas of designated land that are no longer necessary for the on-going operation or maintenance of the Project or for ongoing mitigation measures c. Give notice to WCC in accordance with section 182 of the RMA seeking the removal of those parts of the designation identified in DC.2.b above

DC.3	The designation shall lapse if not given effect to within 10 years from the date on which it is included in the District Plan under section 175 of the RMA
DC.4	The Requiring Authority shall submit to the Council's Compliance Monitoring Officer (CMO) at least 2 months prior to commencement of construction, a detailed programme outlining: <ul style="list-style-type: none"> a. The proposed staging of the works b. The anticipated submission dates of the management plans and outline plans required by these conditions
DC.5	Prior to commencing any construction works, the Requiring Authority shall arrange and conduct a pre-construction site meeting with the contractor (at a minimum the Project Manager and Site Manager) undertaking the works and invite, with a minimum of 10 working days' notice, WCC's CMO and any other key WCC representatives determined by the CMO. <i>Note: In the case that any of the invited parties, other than the representative of the Requiring Authority and the contractor, do not attend this meeting, the Requiring Authority will have complied with this condition, provided the invitation requirement is met.</i>
DC.6	An Outline Plan/s shall be submitted to the Territorial Authority for each stage of works, unless a waiver for this requirement is provided in writing by the WCC Resource Consents Team.
No.	Designation Conditions
	Community liaison
DC.7	Prior to commencement of construction, the Requiring Authority shall appoint an appropriately qualified Community Liaison Person (CLP) in accordance with the following provisions: <ul style="list-style-type: none"> a. The CLP shall be appointed in consultation with the CMO (the CMO may consult with other parties within Wellington City Council as appropriate). b. Notwithstanding conditions DC.7.c and d, the CLP shall be responsible for proactively engaging with stakeholders and the community throughout the construction phase of the reservoir, including by arranging a community BBQ with residents, Project staff and contractors prior to the commencement of construction. c. Where a Community Reference Group (CRG) for the Prince of Wales/Omāroro reservoir project is established under the Wellington Town Belt Act, the CLP shall: <ul style="list-style-type: none"> d. attend CRG meetings, and <ul style="list-style-type: none"> i. be responsible for presenting draft management plans to the CRG for feedback, prior to submission to the CMO ii. be responsible for working with the CRG to identify opportunities for the Project to create education opportunities associated with the project. e. Contact details of the CLP shall be made readily available to the CMO, other stakeholders and the community surrounding the subject site. f. The CLP shall be engaged until the completion of construction. <i>Note: For the avoidance of doubt the CLP shall be an individual person and the Requiring Authority shall be responsible for meeting all costs associated with this role.</i>
	Community Liaison Group
DC.8	Community Liaison Group Formation <ul style="list-style-type: none"> a. In the event that a CRG for the Prince of Wales/Omāroro reservoir project is not established under the Wellington Town Belt Act, or that it is disestablished prior to completion of construction, the Requiring Authority shall be responsible for the establishment and coordination of an alternative Community Liaison Group (CLG) and shall appoint an independent chairperson for the CLG in consultation with the CMO. b. Where a CRG has not been established, a CLG shall be formed prior to the lodgement of any management plan/s or any outline plan/s. c. Where a CRG was formed but has been disestablished, invitations to establish a CLG shall be sent to prospective CLG members within 1 month, and an establishment meeting held as soon as reasonably practicable. Community Liaison Group Membership

- d. Where a CLG is required the CLG shall include as a minimum the following parties:
 - i. A representative from WCC’s Compliance Monitoring Team
 - ii. A representative from WCC’s Parks, Sports and Recreation Group
 - iii. The CLP
 - iv. The Requiring Authority’s Project Manager
 - v. The Construction/Site Manager
 - vi. A representative from Mobilise Mount Cook
 - vii. A representative for Rolleston Street residents
 - viii. A single representative for residents for the Hargreaves Street, Westland Road, Salisbury Terrace, Salisbury Avenue and Wright Street areas, and
 - ix. A single representative for residents above the project site for the Asquith Terrace and Dorking Road areas.
- e. Where a CLG is required the Requiring Authority shall also invite representatives from the following parties to join the membership of the CLG:
 - i. A Greater Wellington Regional Council Compliance representative
 - ii. Port Nicholson Block Trust
 - iii. Te Rūnanga o Toa Rangātira Inc.
 - iv. A representative from the users of the Scottish Harriers Building
 - v. A representative from the Friends of the Town Belt
 - vi. A representative for the local business community
 - vii. In consultation with WCC’s PSR group a representative for sports field users.
 - viii. A representative from the Papawai Reserve Group.

Community Liaison Group Purpose

- f. Where a CLG is required the purpose of the CLG will be as follows:
 - i. To provide a forum for community and stakeholder involvement through which any issues of community interest or concern can be raised and responded to in relation to the construction of the reservoir.
 - ii. To provide a forum for the Requiring Authority to inform the CLG and its members about progress with management plans and to provide an opportunity for feedback on any draft management plan or outline plan prior to submission to the CMO or WCC.
 - iii. To consider issues relating to compliance with designation conditions, including management plans and outline plans.
 - iv. To consider education opportunities associated with the project.

Community Liaison Group Meetings

- g. Where a CLG is required the CLG meetings shall be held at times and locations that maximise representation and attendance.

Community Liaison Group Costs

- h. The Requiring Authority shall be responsible for any direct costs in running the CLG and CLG meetings.

Community Liaison Group Attendance

- i. Where a CLG is required the Requiring Authority shall not be in breach of conditions DC.8.a-g and j, if any one or more of the CLG parties either do not wish to be members of the CLG or do not attend particular meetings.

Community Liaison Group Terms of Reference

- j. Where a CLG is required the CLG shall formulate its terms of reference that will include:
 - i. Defined roles and responsibilities of its members to achieve the purpose of the CLG
 - ii. Procedural matters for the running and recording of any meetings including recommendations from the CLG to the Requiring Authority relating to draft management plan/s and outline plan/s
 - iii. Determining the frequency of meetings.

Community Liaison Group Dis-establishment

- k. Where a CLG is required the CLG shall be dis-established following the completion of construction and the expiry of any related defect liability and landscape/planting maintenance period associated with the Project.

Complaints

DC.9	<p>a. At all times during the Works, the Requiring Authority shall maintain a permanent register of any complaints received alleging adverse effects from, or related to, the Works. As far as practicable the register shall include:</p> <ul style="list-style-type: none"> i. The name and address (where this has been provided) of the complainant ii. The nature of the complaint iii. Location, date and time of the complaint and also of the alleged event iv. Weather conditions at the time of the event and including wind direction and approximate wind strength if the complaint relates to air quality or noise v. The outcome of the Requiring Authority's investigation into the complaint vi. Measures taken to respond to the complaint vii. Any other activities in the area, unrelated to the construction, which may have contributed to the complaint (such as non-Project construction, fires, traffic accidents or unusually dusty conditions generally) <p>b. The Requiring Authority shall:</p> <ul style="list-style-type: none"> i. Acknowledge the complaint within 2 Working Days ii. Promptly investigate, identify the urgency associated with the complaint and communicate that to the complainant iii. 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 iv. Maintain a record of its responses and any remedial actions undertaken v. This record shall be maintained on site and shall be made available to the CMO and GWRC upon request
DC.10	<p>The complaints process outlined in condition DC.9 shall continue until the completion of construction. Any complaints received after this period shall be managed by the Requiring Authority in accordance with its standard complaints procedures</p>
No.	Designation Conditions
	Management Plans
DC.11	<p>a. The following Management Plans shall be submitted to the CMO for certification either at the same time or post-acceptance of outline plans associated with the construction of the Omāroro Reservoir:</p> <ul style="list-style-type: none"> i. Construction Management Plan (CMP) ii. Earthworks Management Plan (EMP) iii. Construction Traffic Management Plan (CTMP) iv. Site Specific Traffic Management Plan (SSTMP) v. Construction Noise and Vibration Management Plan (CNVMP) vi. Landscape and Ecology Management Plan (LEMP) vii. Playing Fields Management Plan (PFMP) <p>b. Works must not commence until certification of the management plans is received in writing</p> <p>c. All construction of the Project shall be carried out in accordance with the certified management plans required by these conditions</p> <p>d. The management plans provide the overarching principles, methodologies, and procedures for managing the effects of the Works to achieve the environmental outcomes and performance standards required by these conditions</p> <p>e. The management plans apply to the entire Project (including where it is constructed in Stages) and, for some matters, are sufficient to address construction management without the need for more specific plans. For other matters, there is a need for site-specific plans to provide the necessary level of detail to address requirements within each of the Stages</p> <p>f. The management plans shall be in general accordance with any draft management plan included as part of the AEE</p> <p>g. A copy of the certified management plans shall be made publicly accessible on the Requiring Authority's website</p> <p>h. During the construction period, a copy of all certified management plans shall be kept on site at all times, and be made available to the CMO upon request.</p> <p><i>Advice Note:</i></p> <p><i>Certification of the management plans shall be on the basis that they are consistent with the conditions of the designation.</i></p>

	<i>The CMO will consult with relevant Council staff/consultants in determining the appropriateness of the management plans, and in order to provide any comments back to the Requiring Authority.</i>
DC.12	The Requiring Authority shall submit draft copies of all management plans (as required by condition DC.11) to the CMO for comment at least 20 Working Days prior to the management plans being lodged for certification. If an Outline Plan has not been submitted prior to this occurring, or an outline plan waiver granted, a draft Outline Plan shall also be provided.
DC.13	The management plans are not required to include all details for every stage of Work at the time the plan is submitted for certification to the CMO. If further details are to be provided for later Stages of Work, the management plan shall specify which Stages require further certification at a later date. Further details shall be submitted to the CMO for certification prior to construction commencing in the relevant Stage (and work on each stage shall not commence until the relevant management plans are certified).
DC.14	The Requiring Authority may request amendments to any of the management plans required by these conditions by submitting the amendments in writing to the CMO for certification at least 10 Working Days prior to any changes taking effect. Any changes to management plans shall remain consistent with the overall intent of the management plan and relevant conditions and achieve the outcomes required by these conditions. The changes sought shall not be implemented until the consent holder has received the CMO written certification for the relevant management plan(s).
DC.15	Where any condition requires that a management plan or other plan be certified, if the Plan has not been certified within 3 months of lodgement, or with the agreement of the CMO, the Requiring Authority may elect as an alternative to submit the management plan to WCC Resource Consents Team as an Outline Plan in accordance with section 176A of the RMA, and compliance with section 176A shall be deemed to satisfy the certification requirement.
No.	Designation Conditions
	Construction Management Plan
DC.16	<ul style="list-style-type: none"> a. At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a CMP to the CMO for certification b. The CMP shall address the matters in condition DC.17
DC.17	<p>The CMP shall include details of:</p> <ul style="list-style-type: none"> a. Construction methodologies and construction timeframes, including staging b. Normal working hours, shall be: <ul style="list-style-type: none"> i. For on-site construction activities: 7:30am to 6.00pm Monday to Saturday (excluding public holidays) ii. For earthworks related heavy vehicle movements on public roads: 9:00am -6:00pm Monday to Friday (excluding public holidays) iii. For all non-earthwork related heavy vehicle movements on public roads: 9:00am -6:00pm Monday to Friday (excluding public holidays) c. An exemption process for approval by the CMO, for any construction work and specialised heavy vehicle movements that cannot be undertaken during normal working hours. d. Staff and contractors' responsibilities e. Public safety f. Training requirements for employees, sub-contractors and visitors g. Environmental incident and emergency management h. Communication and interface procedures <ul style="list-style-type: none"> i. Complaints management (in accordance with condition DC.9) j. Compliance monitoring k. Environmental reporting <ul style="list-style-type: none"> l. Corrective action m. Site inspection and environmental auditing procedures n. Contact details for the person in charge of the works o. Contact details for the CLP
No.	Designation Conditions
	Earthworks Management

DC.18	<ul style="list-style-type: none"> a. At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit an Earthworks Management Plan (EMP) to the CMO for certification b. The EMP shall address the matters in condition DC.19
DC.19	<p>The EMP must include (but not be limited to) the following matters:</p> <ul style="list-style-type: none"> a. An illustrated plan that records the key features of the EMP b. A description of measures to be used to prevent and minimise adverse effects associated with: <ul style="list-style-type: none"> i. dust ii. ediment that may track onto the road network iii. sediment that may enter the stormwater system (including Papawai Stream and the Waitangi Tributary), including secondary sediment and erosion protection measures that will be provided. c. The methodology to minimise the surface area of un-stabilised earthworks, including stockpiles. The purpose is to decrease the potential for erosion related dust and sediment generation. d. Measures to ensure temporary and permanent excavations, fill areas, and stockpiles remain stable. e. Evidence shall be provided with the EMP demonstrating that measures in condition DC.19.d have been peer reviewed by a Geotechnical Professional, from a second geotechnical consultancy, and confirming that they are in accordance with current industry best practice and the geotechnical assessment specified in condition DC.20. f. A minimum 10m setback from stockpiles to the northern and eastern boundary of the upper field and the eastern boundary of the lower field unless otherwise recommended in the peer reviewed geotechnical report required by condition DC.20 g. Measures to minimise the visual effect of stockpiles through hydro-seeding or other methods where the stockpile will be undisturbed for a period of longer than 2 months h. Nomination of a site person responsible for the implementation of the EMP. <p><i>Note: Condition 19.b.iii is intended to be given effect to through an Erosion and Sediment control plan that is required as a condition of GWRC's consent ref WGN180065 [35008], [35009], [35010]. It is expected that the ESCP will detail primary and secondary sediment and erosion protection measures to protect the Papawai Stream and the Waitangi Stream tributary. The ESCP will form part of the EMP.</i></p>
DC.20	<ul style="list-style-type: none"> a. A geotechnical assessment of the final detailed design shall be prepared by a suitably qualified Geotechnical Professional. The assessment shall review the geotechnical hazards and risks associated with: <ul style="list-style-type: none"> i. Stability of existing banks or retaining walls located below the playing fields ii. Stability of the roadway between the playing fields iii. Differential settlement and potential associated erosion of the proposed fill iv. Stability of proposed fill covering the reservoir and existing slopes to the south east and north of the reservoir v. The conceptual design for the tunnel excavation and access stability b. The geotechnical report shall be peer reviewed by a Geotechnical Professional from a second geotechnical consultancy, to ensure that the methodology is in accordance with current industry best practice. c. The Requiring Authority shall either implement any recommendations in the peer review, or where any recommendations are not implemented, the Requiring Authority shall explain the reasons why – including the engineering rationale. d. The geotechnical report and the results of the peer review, including any Requiring Authority explanation for not implementing recommendations of the peer review, shall be provided to the CMO at least 15 working days prior to commencement of construction. e. Should building consent be required, a copy of the producer statement 'PS4 – Construction Review' for the Dorking St retaining wall and its accompanying documents for structures/buildings required for the stabilisation of earthworks and, prepared for the associated building consent process, must be provided to the Council's Compliance Monitoring Officer within one month of the structures/buildings being completed.
DC.21	<p>By 6pm every working day earthwork stockpiles shall not exceed the following height limits, measured from the base of each stockpile:</p> <ul style="list-style-type: none"> a. Upper Playing field- 5.5m in height b. Lower Playing field - 7m in height.

No.	Designation Conditions
	Construction Traffic Management Plan
DC.22	<ul style="list-style-type: none"> a. At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a CTMP to the CMO for certification b. The CTMP shall address the matters in condition DC.23 c. The CTMP shall be prepared in accordance with the version of the New Zealand Transport Agency Code of Practice for Temporary Traffic Management (COPTTM) that applies at the time the CTMP is prepared (where there is a change in the normal operating condition of a road). Where it is not possible to adhere to this standard, the COPTTM's prescribed Engineering Exception Decision (EED) process will be followed, which will include appropriate mitigation measures agreed with the Council's Road Asset Manager d. Construction shall not commence until the Requiring Authority has received the Manager's written certification of the CTMP
DC.23	<p>The CTMP shall confirm the procedures, requirements and standards necessary for managing the traffic effects during the Work so that safe, adequate, and convenient routes for local movements by all transport modes are maintained throughout the construction of the Project. In particular, the CTMP should include methods to:</p> <ul style="list-style-type: none"> a. Minimise the disruption to users of local travel routes b. Minimise the disruption to local residents' parking, including methods to minimise interference between heavy vehicles and cars using the P10 parking outside the dairy on Wallace Street c. Maintain a safe passage for all travel routes, including road and footpath users affected by the Work In particular, the CTMP shall describe: <ul style="list-style-type: none"> i. Access to the site for heavy vehicles and contractors' vehicles ii. Details of the 8 temporary car parks for residents on the upper playing field. The Requiring Authority must aim to provide more than 8 car parks where space allows. iii. Access restrictions for bulk earth import and export from the site iv. Mechanisms to coordinate heavy vehicle movements to minimise instances where two construction vehicles meet at the Rolleston Street – Wallace Street Intersection
DC.24	<ul style="list-style-type: none"> a. Prior to construction commencing the Requiring Authority shall carry out a preconstruction survey of Rolleston Street b. Prior to construction commencing, the Requiring Authority shall agree in writing with the CMO (who shall consult with the WCC Road Asset Manager) the nature, extent, frequency and any reporting requirements related to the inspections referred to in condition DC.24.c c. The Requiring Authority shall carry out inspections of Rolleston Street, the Rolleston/Wallace Street intersection, and Salisbury Terrace to ensure that any potholes and other damage resulting from construction of the Works are identified and fixed as soon as practicable. These inspections will be carried out at the following frequency, unless otherwise agreed in writing by the CMO (who shall consult with the WCC Road Asset Manager): <ul style="list-style-type: none"> i. Fortnightly during the earthwork excavation period ii. Every two months during the remainder of the construction period, through to the completion of any project defects and liability period. d. The Requiring Authority shall repair pot holes and other damage resulting from the Project to Rolleston Street within 7 days of them being notified to the CLP or CMO. This timeframe may be extended if agreed in writing by the CMO. e. Unless otherwise agreed in writing by the CMO (who shall consult with the WCC Road Asset Manager), within 1 month of the completion of construction, the Requiring Authority shall organise with the CMO and Road Asset Manager a joint inspection of Rolleston Street to determine remedial/repaving works required to reinstate the road surface. f. the completion of construction, unless otherwise agreed in writing with the WCC Road Asset Manager. The Requiring Authority shall meet all fair and reasonable costs of undertaking this work.
DC.25	<p>The Requiring Authority shall ensure that any on street parking removed or relocated during construction of the Project is reinstated within 1 month of completion of construction.</p>
No.	Designation Conditions
	Site Specific Traffic Management Plans

DC.26	<ul style="list-style-type: none"> a. The Requiring Authority shall submit SSTMPs to the CMO for certification at least 5 Working Days prior to commencement of the relevant traffic management Works b. The SSTMPs shall address the matters in condition DC.27 c. Traffic management shall not be implemented until the Requiring Authority has received the CMO written certification of the SSTMP
DC.27	<p>SSTMPs shall describe the measures that will be undertaken to manage the traffic effects associated with construction of specific Stages of the Project prior to construction of the relevant Stage(s) of the Project commencing. Each SSTMP must be consistent with, and be implemented in accordance with, the CTMP. In particular, SSTMPs shall describe, where appropriate:</p> <ul style="list-style-type: none"> a. Temporary traffic management measures required to manage impacts on road users during proposed working hours b. Measures to maintain existing vehicle access to adjacent properties c. Measures to maintain safe and clearly identified pedestrian and cyclist access on roads and footpaths adjacent to the Works d. Any proposed temporary changes in speed limits e. Provision for safe and efficient access of vehicles to and from the construction site
No.	Designation Conditions
	Construction Noise and Vibration Management Plan
DC.28	<ul style="list-style-type: none"> a. At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a CNVMP to the CMO for certification b. The CNVMP shall address the matters in conditions DC.29-31 c. The CNVMP shall be prepared in accordance with the requirements of Annexe E to NZS 6803:1999 'Acoustics – Construction Noise' d. Construction shall not commence until the Requiring Authority has received the CMO's written certification of the CNVMP e. The CNVMP must be prepared by (or certified by) a suitably qualified acoustic specialist f. The CNVMP must be modified at the reasonable request of the CMO to deal with any deficiencies in its operations
DC.29	<p>The purpose of the CNVMP shall be to provide methods to manage noise/vibration appropriately for the variety of circumstances within the Project area by outlining the measures, procedures and standards for mitigating the effects of noise and vibration during construction of the Project so they will meet:</p> <ul style="list-style-type: none"> a. The noise criteria set out in condition DC.31, where practicable. Where it is not practicable to achieve those criteria, alternative strategies should be described to achieve the best practicable option to minimise the effects of construction noise on neighbours b. The vibration criteria set out in Table 3 of DIN 4150-3: 1999, where practicable. Where it is not practicable to achieve those criteria, a suitably qualified expert shall be engaged to assess and manage construction vibration during the activity that exceed the criteria c. Where on-site construction works and/or heavy vehicle movements need to be undertaken outside of normal working hours (as defined in DC17) night time (8:00pm – 6:30am) work shall be avoided where practicable. Where avoidance is not practicable, the best practicable option shall be adopted to minimise or mitigate noise and vibration effects. <p><i>NOTE: The intent of DC.29.c is to clarify that activities required to be undertaken outside of normal working hours (defined in DC.17) should preferably occur between either 6:30am-7:30am or 6:00pm-8:00pm. Night time activities (8:00pm- 6:30am) should be avoided where practicable.</i></p>
DC.30	<p>The CNVMP shall, as a minimum, address the following:</p> <ul style="list-style-type: none"> a. Description of the Works, anticipated equipment/processes and their scheduled durations b. Hours of operation (in accordance with condition DC.17), including times and days when activities causing noise and/or vibration would occur c. The construction noise and vibration criteria for the Project d. Identification of affected houses and other sensitive locations where noise and vibration criteria apply including a list of Noise Sensitive Receivers (as defined in NZS 6803:1999 'Acoustics – Construction Noise')

	<ul style="list-style-type: none"> e. Requirements for monitoring road surface condition to minimise noise and vibration from trucks travelling over potholes and uneven surfaces f. Requirements for building conditions surveys at locations close to activities generating significant vibration, prior to and after completion of construction and processes for repair of any damage caused by the Work g. Mitigation options including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved h. Methods and frequency for monitoring and reporting on construction noise and vibration i. Operator training procedures and expected behaviours under the CMP as required by condition DC.17 j. Consultation and notification procedures k. Specify an exemption process for approval by the CMO for any construction work that cannot be undertaken during approved working hours. 																																											
DC.31	<p>Construction noise shall be measured and assessed in accordance with NZS 6803:1999 'Acoustics – Construction Noise'. The construction noise shall where practicable comply with the following criteria for the purposes of the CNVMP:</p> <table border="1"> <thead> <tr> <th>Time of week</th> <th>Time period</th> <th>dB LAeq(15 min)</th> <th>dB LAFmax</th> </tr> </thead> <tbody> <tr> <td rowspan="4">Weekdays</td> <td>0630-0730</td> <td>55</td> <td>75</td> </tr> <tr> <td>0730-1800</td> <td>70</td> <td>85</td> </tr> <tr> <td>800-2000</td> <td>65</td> <td>80</td> </tr> <tr> <td>2000-0630</td> <td>45</td> <td>75</td> </tr> <tr> <td rowspan="4">Saturdays</td> <td>0630-0730</td> <td>45</td> <td>75</td> </tr> <tr> <td>0730-1800</td> <td>70</td> <td>85</td> </tr> <tr> <td>1800-2000</td> <td>45</td> <td>75</td> </tr> <tr> <td>2000-0630</td> <td>45</td> <td>75</td> </tr> <tr> <td rowspan="4">Sundays and public holidays</td> <td>0630-0730</td> <td>45</td> <td>75</td> </tr> <tr> <td>0730-1800</td> <td>55</td> <td>85</td> </tr> <tr> <td>1800-2000</td> <td>45</td> <td>75</td> </tr> <tr> <td>2000-0630</td> <td>45</td> <td>75</td> </tr> </tbody> </table>	Time of week	Time period	dB LAeq(15 min)	dB LAFmax	Weekdays	0630-0730	55	75	0730-1800	70	85	800-2000	65	80	2000-0630	45	75	Saturdays	0630-0730	45	75	0730-1800	70	85	1800-2000	45	75	2000-0630	45	75	Sundays and public holidays	0630-0730	45	75	0730-1800	55	85	1800-2000	45	75	2000-0630	45	75
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	Landscape and Ecology Management																																											
DC.32	<ul style="list-style-type: none"> a. At least 15 Working Days prior to Commencement of Construction or vegetation removal, the Requiring Authority shall submit a LEMP to the CMO for certification b. The LEMP shall be in general accordance with the Landscape Strategy and Ecological Impact Assessment provided in the AEE and address the matters in condition DC.33 c. Construction shall not commence until the Requiring Authority has received the CMO written certification of the LEMP <p><i>Advice note: The LEMP may be part of a combined document including the Playing Fields Management Plan.</i></p>																																											
DC.33	<p>The purpose of the LEMP is to outline the methods and measures to be implemented prior to the Works, during the construction phase, and for a defined period thereafter to avoid, remedy, and mitigate adverse effects of the construction and the Project on landscape amenity, use and function. The LEMP shall document the permanent mitigation measures, as well as the necessary monitoring and management required to successfully implement those measures during construction and the transition to the Operational phase of the Project.</p> <p>The LEMP shall, as a minimum, address the following:</p>																																											

	<ul style="list-style-type: none"> a. Final landscape strategy b. Confirmation of an appropriate buffer between the earthworks and waterways including confirmation of waterway location by longitudinal and cross-section survey. In the case of the Papawai Stream the buffer shall be no less than 10m on the stream’s west bank (hillside). In the case of the Waitangi Stream Tributary, to the west of the project site, no buffer shall be less than 5m, unless otherwise agreed by Wellington City Council CMO. c. How the final reservoir backfill design will support a smooth integration with adjacent topography and optimise effective revegetation conditions d. Details of replaced pathways through the site, which shall be designed with reference to the WCC “Short Walk Standard” e. Consideration of CPTED principles in relation to the pipe tunnel access door f. Identification of vegetation to be retained, including retention of as many as practicable significant trees and areas of regenerating indigenous vegetation g. Protection measures for vegetation to be retained and vegetation clearance methodology as outlined in condition DC.34, including specifying a requirement that the removal of large trees shall be undertaken by an arborist to minimise damage to adjacent vegetation. h. Under conditions DC.33.f and g above, particular attention shall be given to minimisation of the loss of trees in the Seral Forest B and to the protection of trees in the Seral Forest B that do not need to be removed. Where any vegetation is required to be removed from Seral Forest B, the Requiring Authority shall provide the CMO with a written explanation for why the removal is needed. i. A methodology for the monitoring of the nest boxes required by condition DC.34 during construction, to be prepared by a suitably qualified and experienced ornithologist j. A methodology for surveying lizard presence prior to vegetation clearance, and minimising effects on lizard populations as required by condition DC.35. k. Details of proposed mass planting and specimen tree planting including plant species, plant/grass mixes, spacing/densities, sizes (at the time of planting) and layout and planting methods. The intention is to achieve a dense canopy of complementary plant communities which will achieve a variation in plant height. l. Planting programme – the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within the first planting season following completion of the Project m. Detailed specifications relating to (but not limited to) the following: <ul style="list-style-type: none"> i. Weed control and clearance ii. Ground preparation iii. Mulching iv. Plant supply and planting, including hydro-seeding and grassing v. Proposed maintenance of plantings, including the replacement of unsuccessful plantings vi. Response maintenance for existing vegetation affected by opening of the canopy during construction (this is required to address potential windfall effects that may arise as a result of peripheral tree removal) n. Subject to achieving the success standards in paragraphs i, ii and iii below, there shall be a five year defects liability and maintenance period for all terrestrial planting but the maintenance period may be shorter if the success measures have been achieved earlier. At the end of that period, the Requiring Authority shall provide information to the CMO to demonstrate that the planting has been successful, with success defined as follows: <ul style="list-style-type: none"> i. In relation to mass planting, successful planting shall be defined as 80% canopy closure whereby a sustainable plant community has been established and where plants have grown to create a canopy that shades the ground and suppresses weed growth; ii. In relation to the planting of specimen trees, successful planting shall be defined as 100% plant survival, with 100% of trees in full leaf (if the relevant species is typically in leaf at that time of year) with the trees to have a habit of growth that is normal to the species and are to be sound, healthy and vigorous with normal and well-developed branch systems; iii. Success in relation to wetland and riparian planting shall be defined as nearly as practicable to the criteria in i, or ii and in any event as agreed by expert ecologists. 	
DC.34	Prior to any vegetation clearance occurring:	

	<p>a. The maximum extent of clearance is to be clearly identified and confirmed by the Project Ecologist in consultation with the Project Landscape Architect and Project Construction Manager</p> <p>b. Vegetation to be retained will be clearly marked on site, with special attention given to large trees and Seral Forest B</p> <p>c. As far as practicable, vegetation clearance will occur outside the breeding season of kaka, falcon, kakariki, and morepork (1 September to 30 March)</p> <p>d. If vegetation clearance must occur during the period identified in condition DC.34.c, a survey shall be undertaken prior to clearance by a suitably qualified and experienced ornithologist to determine if a nest or nests are present. If a nest of any of the species identified in DC.34.c) is located on a tree to be felled, that tree must not be felled until the chick(s) has left the nest</p> <p>e. The Requiring Authority shall engage a suitably qualified and experienced ornithologist to provide a recommendation on the type, location and number of nest boxes that must be installed in adjacent areas of vegetation specifically for resident kaka and</p> <p>f. Nesting boxes required under DC.34.e shall be installed under the supervision of the ornithologist prior to the commencement of any tree removal.</p> <p><i>Advice Note: Evidence that the above process has been followed is to be provided to the CMO upon request. The CMO shall consult with an ecologist within the Council.</i></p>
DC.35	<p>a. Prior to any vegetation clearance occurring, a lizard survey is to be undertaken of the project site and surrounding area by a</p> <p>b. If any lizards are found or their presence is suspected measures must be developed to minimise the effect of the project on the lizard population, this may include lizard relocation prior to vegetation clearance, and habitat re-creation associated with post construction site remediation and landscaping. These measures must be included in Landscape and Ecology Management Plan required under conditions DC.32 and DC.33.</p>
DC.36	<p>Prior to commencing construction the Requiring Authority shall remove and store the existing bench seat and plaque located on the reservoir site. Within six months of the completion of construction the bench seat and plaque shall be re-instated.</p>
DC.37	<p>A planting review must be undertaken by a suitably qualified and experienced landscape architect within 3 years of completion of construction of the reservoir. The review will focus on the revegetation and assess the effectiveness of plant growth, particularly on mechanically stabilised slopes. Where required, remedial works shall be undertaken to ensure that planting treatments are successful and have the potential to improve the landscape values of the site. Evidence of this review must be provided to the CMO.</p>
No.	Designation Conditions
	Playing Fields
DC.38	<p>a. At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall submit a Playing Field Management Plan (PFMP) to the CMO for certification</p> <p>b. The PFMP shall address the matters in condition DC.39</p> <p>c. Construction shall not commence until the Requiring Authority has received the CMO written certification of the PFMP</p> <p><i>Advice note: The PRMF may be part of a combined document including the Landscape Ecology Management Plan</i></p>
DC.39	<p>The purpose of the PFMP is to outline the methods and measures to be implemented prior to the Works, during the construction phase, and for a defined period thereafter to avoid, remedy, and mitigate adverse effects of the construction and the Project on the Upper and Lower Prince of Wales Park playing fields.</p> <p>The PFMP shall, as a minimum, address the following:</p> <p>a. Final design of the fields including levels and improved drainage (where practicable)</p> <p>b. Surface specifications</p> <p>c. Retaining works, including any retaining structure design, where necessary</p> <p>d. Permanent access for maintenance vehicles to both fields</p> <p>e. Fencing</p> <p>f. Design of the access track between the upper and lower playing fields.</p>

DC.40	<p>a. The PFMP shall be prepared in consultation with the Manager, Open Space and Recreation Planning and the Manager, Sports and Recreation Operations and Contracts.</p> <p>b. The PFMP shall demonstrate how the outcomes of the consultation have been incorporated and, where they have not, the reasons why.</p>
DC.41	<p>The Requiring Authority shall not permanently raise the upper and lower playing field as part of the Project for the expressed purpose of permanently storing surplus excavated material from the proposed reservoir site.</p> <p>This condition shall not affect or limit any reasonable works required as part of field reinstatement, involving field re-shaping or re-profiling, required to appropriately reinstate playing surfaces as agreed with the Manager Open Space and Recreation Planning and the Manager, Sports and Recreation Operations and Contracts.</p>
DC.42	<p>a. There shall be a 1 year defects liability period for works associated with the reinstatement of each of the upper and lower playing fields, including access tracks, retaining walls (where required), fencing and drainage. This 1 year period will commence from the date that the CMO (in consultation with the Manager, Open Space and Recreation Planning and the Manager, Sports and Recreation Operations and Contracts), confirms in writing that the reinstated field or fields, and related tracks, retaining walls, fencing and drainage are suitable for organised sports use and public activities to commence.</p> <p>b. Within the defects liability period the Requiring Authority is responsible for meeting all reasonable costs associated with ensuring the successful reinstatement of the fields.</p> <p>c. At the end of the period in DC.42.a, the Requiring Authority shall provide confirmation to the CMO that the playing field reinstatement, including any required retaining works, permanent maintenance vehicle access works (including the access track between the upper and lower field), fencing and any required defect remedial work/s has been successful. This confirmation shall involve an appropriately qualified and experienced sports turf specialist.</p> <p><i>NOTE: DC.42.a includes flexibility to separately stage the reinstatement of the upper and lower playing fields. For the avoidance of doubt, where this occurs the 1 year defects liability period will vary (in terms of its start and end date) for each field.</i></p>
No.	Designation Conditions
	Accidental discovery
DC.43	<p>At least 15 Working Days prior to Commencement of Construction the Requiring Authority shall, in consultation with Port Nicholson Block Trust and Te Rūnanga o Toa Rangātira Inc, prepare an accidental discovery protocol and provide a copy to the CMO and GWRC for information at the time the CEMP is submitted. The protocol shall be implemented in the event of accidental discovery of cultural or archaeological artefacts or features during construction of the Project. The protocol shall include, but not be limited to:</p> <p>a. Identification of parties to be notified in the event of an accidental discovery, who shall include, but need not be limited to Port Nicholson Block Trust, Te Rūnanga o Toa Rangātira Inc, HNZ, WCC, GWRC, and, if koiwi are discovered, the New Zealand Police</p> <p>b. Setting out of procedures to be undertaken in the event of an accidental discovery (these shall include immediate ceasing of all construction in the vicinity of the discovery until authorised to proceed)</p> <p>c. Training procedures for all contractors regarding the possible presence of cultural or archaeological sites or material, what these sites or material may look like, and the relevant procedures if any sites or material are discovered</p>
No.	Designation Conditions
	Dorking Road access and traffic management
DC.44	<p>a. Access via Dorking Road must not be used during the construction of the Reservoir project.</p> <p>b. The Requiring Authority must give residents on Dorking Road, Coolidge Street and Asquith Terrace at least 24 hours to remove on street parked cars if an emergency occurs and two weeks' notice to carry out maintenance work.</p> <p>c. A gate must be installed permanently at the Dorking Road site entrance to avoid any vehicles using the site access.</p> <p>d. A detailed Construction Traffic Plan (CTP) must be prepared, and submitted to the Compliance Monitoring Officer for approval prior to the commencement of work on the Dorking Road access</p>

	<p>point. The CTP must include methods to avoid, remedy or mitigate adverse construction traffic effects during the development of the site. The CTP must include, but not be limited to, the following matters:</p> <ul style="list-style-type: none"> i. Temporary pedestrian & cyclists safety measures, including directional signage (where applicable); ii. Locations where construction vehicles will park and carry out loading and unloading of materials; iii. Locations where construction materials would be stored. iv. Expected frequency of vehicle movements specific to the construction phase, with details of the proposed hours and days of week. Vehicle movements into and out of the site should be reduced during peak traffic times (7-9am and 4-6pm weekdays). v. Methods for the public to contact the site manager for complaints. There should be a 1 m² sign facing the public footpath with the site manager's contact details.
No.	Designation Conditions
	Dorking Road tree protection
DC.45	<ul style="list-style-type: none"> a. Prior to any works commencing on the Dorking Road access point, a Council-approved consulting arborist (Project Arborist) must be engaged by the applicant. b. Construction shall be undertaken in accordance with the Tree Protection Methodology prepared by Arb Innovations Ltd (dated February 2020) including the implementation of a Tree Protection Zone (TPZ) around the Podocarpus Totara tree located on Dorking Road. c. On completion of work on the Dorking Road access point, the Project Arborist shall, at their discretion, sign off the work and provide a brief account of the project to the Council Arborist and Compliance Officer that documents; <ul style="list-style-type: none"> i. Photographs showing stages of any work within the RPA ii. Effects of work on the trees iii. Remedial works required d. Tree Protection Zone (TPZ) <ul style="list-style-type: none"> i. The TPZ shall be fenced as indicated in the Tree Protection Methodology prepared by Arb Innovations Ltd. ii. Any work within the TPZ is at the discretion of Project Arborist and shall be done in accordance with the Tree Protection Methodology prepared by Arb Innovations Ltd. iii. All vehicles, structures, building materials and debris associated with construction must not be stored within the Tree Protection Zone, unless prior approval from the Project Arborist or Council's Compliance Monitoring Officer (in liaison with the Council's Arboricultural Officer) has been obtained e. Excavations within the TPZ <ul style="list-style-type: none"> i. All excavations which are to take place in the TPZ shall be done so in accordance with the Tree Protection Methodology prepared by Arb Innovations Ltd and to the satisfaction of the Project Arborist.