



The Department recommends that you contact the Department of Conservation Office closest to where the activity is proposed to discuss the application prior to completing the application forms. Please provide all information requested in as much detail as possible. Applicants will be advised if further information is required before this application can be processed by the Department.

This form is to be used when the proposed activity is the building or use of any private or commercial facility or structure on public conservation land managed by the Department of Conservation. Examples may include lease of land to erect an information centre; authorisation to erect a weather station; or construct or lease a private/commercial campground or lodge. This form is to be completed in conjunction with either Applicant Information Form 1a (longer term concession) or Applicant Information Form 1b (one-off concession) as appropriate.

Please complete this application form, attach Form 1a or Form 1b, and any other applicable forms and information and send to [permissions@doc.govt.nz](mailto:permissions@doc.govt.nz). The Department will process the application and issue a concession if it is satisfied that the application meets all the requirements for granting a concession under the Conservation Act 1987.

If you require extra space for answering please attach and label according to the relevant section.

## A. Description of Activity

Please describe the proposed activity in detail – where the site is located, please use NZTM GPS coordinates where possible, what you intend to use the building for, whether you intend to make any changes to the infrastructure.

Please include the name and status of the public conservation land, the size of the area for which you are applying and why this area has been chosen.

If necessary, attach further information including a map, a detailed site plan and drawings of proposal and label Attachment 3b:A.

- CONSTRUCT AN ADDITIONAL BUILDING ADJACENT TO THE EXISTING STRUCTURES. APPROX 160m<sup>3</sup> sized as shown on the attached plan
  - Inclusion of 3x small process tanks of 30m<sup>3</sup>-40m<sup>3</sup> each.
- APPLICATION TO RENEW WK-25928-OTH AND ADD ANOTHER BUILDING TO THE CONCESSION ACTIVITY AND SCHEDULE 2.

## B. Alternative sites considered

If your application is to **build, extend or add** to any permanent or temporary structures or facilities on public conservation land, please provide the following details:

- Could this structure or facility be reasonably located outside public conservation land? Provide details of other sites/areas considered. **NO** There are a significant number of underground services elsewhere on the existing site.
- Could any potential adverse effects be significantly less (and/or different) in another conservation area or another part of the conservation area to which the application relates? Give details/reasons **NO**

## C. Larger area

Is the size of the area you are applying for **larger** than the structure/facility

**YES** / NO

If **yes**, please detail the size difference in the box below, and answer the following 3 questions, if **no** please go on to the next section:

SITE ENCOMPASSES A NUMBER OF STRUCTURES AND WILL POTENTIALLY BE FENCED (SECURITY) TO DELINEATE ~~FROM~~

Is this necessary for safety or security purposes?

PREFERABLE

**YES** / **NO**

Is this necessary as an integral part of the activity?

**YES** / **NO**

Is this essential to carrying on the activity?

**YES** / **NO**

If the answer to any of the above is yes, please provide details and attach supporting evidence if necessary and label Attachment 3b:C.

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## D. Exclusive possession

Do you believe you need **exclusive possession** of the public conservation land on which your structure/building is located, ie no one else can use the land during your use of it? YES / NO

(Exclusive occupation requires a lease which requires public notification of the application)

*PUBLIC TO BE DISUADED FROM GAINING ACCESS*  
If **yes**, please answer the following 3 questions, if no please go to the next section:

Is exclusive possession necessary to protect public safety?

YES / NO

Is exclusive possession necessary to protect physical security of the activity? *POSSIBLY*

YES / NO

Is exclusive possession necessary for the competent operation of the activity?

YES / NO

If the answer to any of the above is yes, please provide details and attach supporting evidence if necessary and label Attachment 3b:D.

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## E. Technical Specifications (for telecommunications sites only)

Frequencies on which the equipment is to operate

Power to be used (transmitter output)

Polarisation of the signal

Type of antennae

The likely portion of a 24 hour period that transmitting will occur

Heaviest period of use

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## F. Term

Please detail the length of the term sought (i.e. number of years or months) and why.

*Note: An application for a concession for a period over 10 years must be publicly notified, an application for a concession up to 10 years will not be publicly notified unless the adverse effects of the activity are such that it is required, or if an exclusive interest in the land is required.*

## G. Bulk fuel storage

Under the Hazardous Substances and New Organisms Act 1996 (HSNO Act) 'Bulk fuel storage' is considered to be any single container, stationary or mobile, used or unused, that has a capacity in excess of 250 litres of Class 3 fuel types. This includes petrol, diesel, aviation gasoline, kerosene and Jet A1. For more information on Hazardous Substances, go to: <http://www.business.govt.nz/worksafe/information-guidance/legal-framework/hsno-act-1996>

Do you intend to store fuel in bulk on the land as part of the activity?

YES / NO

BUT THERE WILL BE HSNO REQUIREMENTS ON SITE

If you have answered yes, then please provide full details of how and where you intend to store the fuel, and label any attachments including plans, maps and/or photographs as Attachment 3b:G. If your concession application is approved you will be required to provide a copy of your HSNO compliance certification to the Department before you begin the activity.

HSNO Requirements are included in the Safety in Design aspects of the plant design.

## H. Environmental Impact Assessment

This section is one of the most important factors that will determine the Department's decision on the application. Please answer in detail.

In column 1 please list all the locations of your proposal, please use NZTM GPS coordinates where possible. In column 2 list any special features of the environment or the recreation values of that area. Then in column 3 list any effects (positive or adverse) that your activity may have on the values or features in column 2. In column 4 list the ways you intend to mitigate, remedy or avoid any adverse effects noted in column 3. Please add extra information or supporting evidence as necessary and label Attachment 3b:H.

Refer to Steps 1 and 2 in your Guide to Environmental Impact Assessment to help you fill in this section.

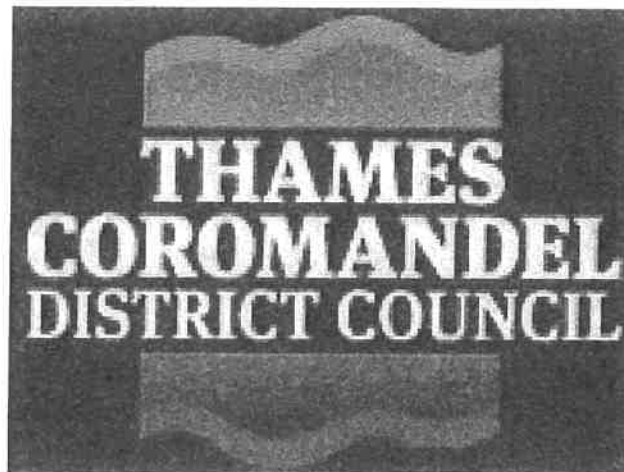
Location on public conservation land	Special feature or value	Potential effects of your activity on the feature or value (positive or adverse)	Methods to remedy, mitigate or avoid any adverse effects identified
EG: Taranua Forest Park	Northern rata - threatened species	Damage to the plants by construction	Brief construction and maintenance staff of the location and importance of the species; clearly tape off areas with the species to avoid damage
Geromandel Forest Park (Hikurangi Block)	As per previous application	Some minor clearing of vegetation for building site screening and appropriate re-establishment of shrubs etc.	Appropriate silt control and site management to eliminate adverse effects, to be environment

Aesthetic building design to blend with the environment and potential noise issues will be included in the design such that nuisance will be eliminated

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**I. Other**

Is there any further information you wish to supply in support of your application? Please attach if necessary and label Attachment 3a.i.



# Thames Coromandel District Council

## General Building Specifications for Water and Wastewater Infrastructure

Standard no \_\_\_\_\_

### Document Record

Date	Name	Status
16-11-18	G Truscott	Issued for discussion
20-11-18	G Truscott	Revision 1 – issued for review

## Building Specification

### Construction:

- To be concrete floor slab typically of 150-200mm thick with appropriate reinforcing and floor drains.
- Floor to drain to doors in areas local to doors
- Floor to be sealed prior to installation of equipment with clear sealer to prevent dust and erosion of the concrete surface
- Walls to be solid filled concrete block to minimise noise
- Interior Block walls to be appropriately sealed with an approved sealer and top coat.
- Exterior Block walls to be appropriately sealed with an approved sealer and top coat.
- Roof to be colour steel or similar
- Roof to be acoustically lined with insulation ( Batts or similar)
- Roof to be lined with Plywood typically 12mm and finished sealed with polyurethane
- Building to be clear span and all supporting steel to be sand blasted and painted with high build zinc primer and topcoat or hot dip galvanised
- Roller door to plant room to have a minimum clear height of 3.5m. Roller door to be manually lifted i.e. hand chain.
- Exterior Pedestrian access doors to be aluminium with aluminium frame. All doors to be keyed alike. Key and lock to be advised.
- Exterior Windows to be single glazed with aluminium frames.
- Stormwater to be directed to a common sump and then dedicated stormwater line to the street drain.
- Foundations to be designed and prepared according to the Geotech conditions.

### Office

- Internal walls to be framed with timber and gib lined ( to be to standard room height i.e. 2.4m). Gib lining to be stopped and paint finished.
- Appropriate power points and lighting to be provided. Note see standards.
- Stainless steel sink and bench with under bench cupboard with an overall of no less than 1400mm long to be provided.
- Cold water tap only with an under bench instant boiling unit or cold and hot water mixer with 20litre hot water cylinder to be provided.
- Office floor to be finished with commercial grade vinyl.

Note – Sink waste to go to gravity portion of sewer line not to CIP tank.

### Toilet

- A toilet complete with small handbasin is to be installed into the building as shown
- An opening window is to be provided for ventilation in the toilet cubicle
- The floor is to be finished with commercial grade vinyl.

Note – Toilet and basin waste to go to gravity portion of sewer line not to CIP tank.

### Switchboard Room

- The switchboard room will be framed and lined with Gib or similar.
- The floor is to be finished with commercial grade vinyl.



- The room will have double access doors from outside of the building to enable installation of the switchboard. Noting the switchboards are typically 2.286m high the doors will require to be a minimum of 2.4 meters to enable clear access.
- The room will also have a single access door from the switchboard room into the plant room.
- Air conditioning unit to be provided to maintain temperature <25c in the SWB room

#### Storage Area – SWB Mezzanine

- The roof of the SWB room will be able to double as a storage area. The roof of the SWB room is to have an appropriate wooden flooring suitable for foot traffic and light loads. Loading per AS1657 of 2.5kPa live load evenly distributed or concentrated loading of not less than 1kN.
- Handrails are to be installed and wooden stairs up to the area are to be provided.

#### Building Fire

- To be fitted with smoke detectors and local alarm only

#### Chemical Storage

- A Suitable concrete slab is to be prepared for this area. The slab should slope to the front to enable any spills to drain to the front of the cell.
- Concrete blockwork is to be installed to a height of 400mm ( i.e. 2 blocks ) and filled. The top of the blocks to be finished with a mortar capping.
- A common roof will be installed to protect each of the cells from the rain. This will be colour steel or similar and will match the main building.
- The roof will be lined with mesh and building paper only.
- The walls to be coloursteel.
- A roller door will be installed at each cell to enable access to that cell.
- A partition will be installed between each cell to prevent any chemicals from being able to splash at any time into the other cell. This is suggested to be Plywood coated with polyurethane or colour steel.
- Chemical storage cells ( concrete ) to be sealed and finish coated with two pot epoxy chemically resistant paint ( Top coat Altex Ultra-Shield 2000 or equivalent )
- Lighting will be installed into each cell with a local switch.

#### Chemical Transfer Area

- To be a concrete pad engineered for truck loads.
- Pad to have a strip drain around the edges to a common sump to the CIP waste tank. Strip drain to be suitable for truck traffic.
- Pad to have a fall to the sump of the strip drain which will drain to the CIP Tank.
- Flood lighting will be provided in this area.

#### Pathways

- Pathways to exterior doors to be constructed of concrete to be 150mm reinforced on a suitable compacted metal bedding. Finish to be brushed.
- Pathways and access to filters and tanks access etc to be nominally 1200 wide of compacted clean metal.

## Roadways

- Pavement to be suitable for 6 wheeler truck operating on a tight turning circle. Asphaltic concrete or similar typically.

## Fencing

- Fencing to be hot dip Galvanised to 2.4 high with mesh and 3 strands of barbed wire.
- Gates to be double gates suitable for truck access manually opened. Chain attached and keyed padlock to be provided by TCDC.
- Treatment plant area to be fenced to prevent any unauthorised access.

## Lighting

- To be to AS/NZS1680 Interior and AS/NZS 1158 Exterior.
- LED Lighting to be installed to follow light plan provided.
- Emergency LED lighting to be provided.
- Exterior LED lighting to be provided with PIR on floods with manual override
- Lighting to be directed to minimise glare or affect outside the boundary.

## Colours

- Roof colour to be coloursteel – Mist Green
- Exterior Walls to match roof
- Exterior Doors to match walls
- Interior walls to be painted white
- Concrete sealer to be clear ( Polyurethane)
- Vinyl floors to be light grey
- Plywood when used as a lining is to be finished with polyurethane clear.

All works will be installed and equipment supplied will comply with or exceed the relevant appropriate AS/NZ standards.

Note: The buildings will be adapted to suit the required purpose and the space available. Not all consideration will apply at each site but if space and facilities are available then this will be the appropriate design brief.