

Project Number: 6-VG123.00

Waikaka Wastewater Treatment Plant - Gore District Council

15 December 2022

PUBLIC



Notice of Requirement for a Designation
Section 168 - Resource Management Act
1991

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NOTICE OF REQUIREMENT FOR DESIGNATION PURSUANT TO SECTION 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: The Chief Executive
Gore District Council
PO Box 8
Gore, 9740

1. The Gore District Council gives notice of a requirement for a designation for a public work and where a restriction is necessary for the safe and efficient functioning and operation of that public work. The purpose of the designation is:

“Waikaka Wastewater Treatment Plant.”

2. The site to which the requirement applies is Section 1 SO 10924 (Waikaka Road).
(Sewage Treatment Works New Zealand Gazette 1990 p 3364)
Please refer to attached NOR for a further description of the site.
3. The nature of the proposed public works is the Waikaka Wastewater Treatment Plant refer to attached NOR of this document for further description of the existing public work.
4. The effects that the public work will have on the environment and the ways in which any adverse effects will be mitigated are described in attached NOR.
5. Alternative sites, and methods have been considered to the following extent:
Please refer to attached NOR for a description of the consideration of alternative sites, and methods.
6. The public work and designation are reasonably necessary for achieving the objectives of the Requiring Authority.
Please refer to attached NOR for a description of the Requiring Authority objectives.
7. No additional resource consents are necessary please refer to attached NOR.
8. Refer to attached NOR for more detail on consultation undertaken.
9. The Gore District Council attaches the information required to be included in this notice by the District Plan, Regional Plan or any regulations under the Resource Management Act, an assessment of the proposed activity against the matters set out in Part 2 of the Resource Management Act 1991.



Matt Bayliss
3 Waters Asset Manager
Gore District Council
Date: 15/12/22

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Document History and Status

Revision	Date	Author	Reviewed by	Status
1	12/10/22	M. Campbell	L. McSoriley	Draft
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Disclaimers and Limitations

This report ('Report') has been prepared by WSP exclusively for Gore District Council ('Client') in relation to the Notice of Requirement of Designation – Waikaka Wastewater Treatment Plant ('Purpose') and in accordance with the Short Form agreement dated 29 July 2022. The findings in this Report are based on and are subject to the assumptions specified in the Report. WSP accepts no liability whatsoever for any reliance on or use of this Report, in whole or in part, for any use or purpose other than the Purpose or any use or reliance on the Report by any third party.

1 Introduction

1.1 Purpose of this Report

To present information in support of a Notice of Requirement for Designation by the Gore District Council (GDC – Requiring Authority) to the Gore District Council (GDC) in accordance with the provisions of the Resource Management Act 1991 (RMA).

1.2 Background

The Waikaka Wastewater Treatment Site is located at Section 1 SO 10924 (Waikaka Road). The site is located approximately 927m to the south of the Waikaka township. The Waikaka Wastewater Treatment Plant is the primary treatment site for the Waikaka Township.

The GDC as a Requiring Authority under Section 166 of the RMA has identified the need to raise awareness of the Waikaka Wastewater Treatment Site by seeking a designation within the Gore District Plan. The Gore District Plan is currently being reviewed and the intention is that a designation for the site is established through the District Plan Review process. A designation in the District Plan will help the community to be more aware of the location of the existing works, restrict the use of land in these locations and help individual choices around property purchase and/or development in relation to the wastewater plant site.

The designation is sought to provide legal authorisation for the wastewater works (both existing and future works) their construction, operation, maintenance, repair, reconstruction, extension, modification, replacement, and improvement.

2 The Site

The NOR encompasses two sections of land as follows:

- Section 1 SO 10924 (Waikaka Road)

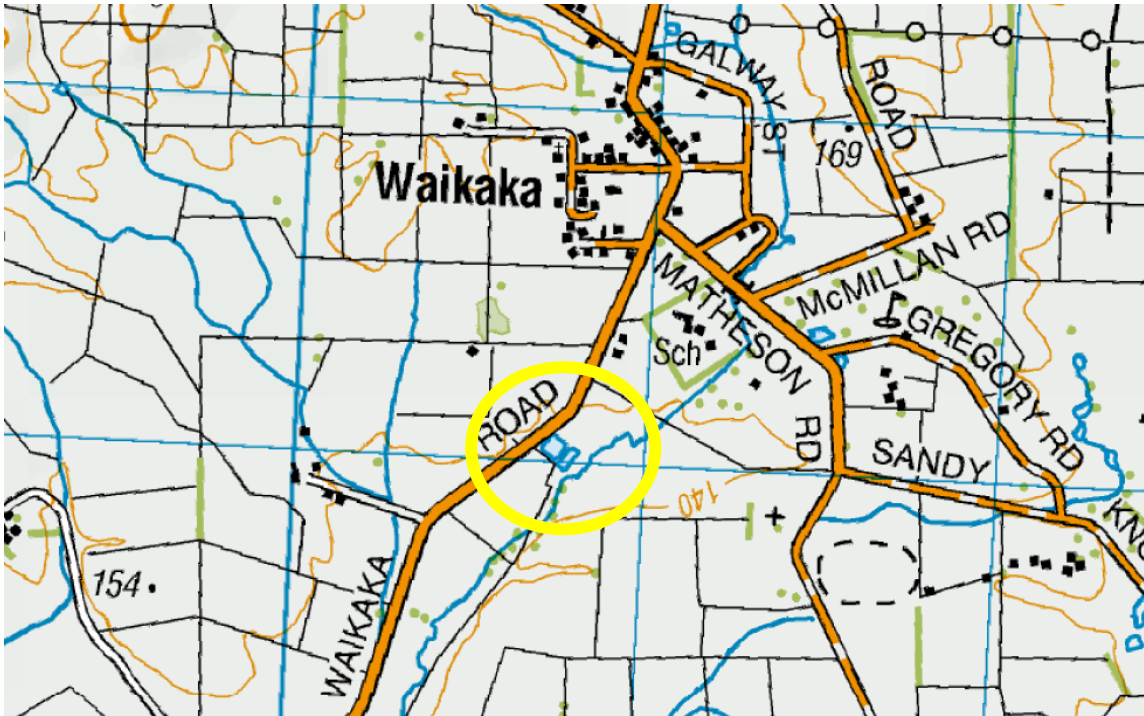


Figure 1: Location of the Waikaka Wastewater Site

2.1 Environmental Setting

The site is located within the Rural Zone of the Gore District Plan. Rural activities, specifically farming surround the immediate vicinity of the site. The site is adjacent to Waikaka Road, which is the main access road to the Waikaka Township.

The Mataura River catchment is the region’s second largest catchment, which extends from the southern tip of Lake Wakatipu to the Toetoes Estuary east of Invercargill. The Waikaia river is the main tributary, contributing half the flow of the catchment above its confluence with the Mataura, east of Riversdale.

The majority of the Mataura catchment has been developed for agriculture, which is particularly intensive in the middle and lower reaches of the catchment.

2.2 Extent of Designation

To include the following notation in the Schedule of Designations:

No.	Name	Purpose	Map	Location	Legal Description
-	Hilbre Ave Water Supply and Treatment Plant	Public Utility	-	Waikaka Road	Section 1 SO 10924

3 The Nature of the Proposed Works

Typically, a notice of requirement refers to 'proposed' works. In this instance, the physical construction of the 'proposed works' has occurred. There may be improvements undertaken to the existing works in the future. However, none are explicitly proposed as part of this notice and would be dealt with by way of an Outline Plan in the future or should additional land be required, an alteration to the designation.

4 Reasonable Necessity of the Proposed Designation

4.1.1 Section 168A: Notice of Requirement by Territorial Authority

Section 168A of the RMA enables Territorial Authorities to issue a NOR for a designation for a public work within its District for which it has financial responsibility. It also enables restrictions in respect of any land, water, subsoil or airspace where it is necessary for the safe or efficient functioning or operation of a public work. In this case, an NOR has been issued for the designation of a public work, being the Waikaka Wastewater Treatment Plant, and no such restrictions are sought.

Clause 3 of Section 168A sets out the matters of which a Territorial Authority must have particular regard to, as follows:

When considering a requirement and any submissions received, a territorial authority must, subject to Part 2, consider the effects on the environment of allowing the requirement, having particular regard to

- a) *Any relevant provisions of*
 - (i) *A national policy statement;*
 - (ii) *A New Zealand coastal policy statement;*
 - (iii) *A regional policy statement or proposed regional policy statement;*
 - (iv) *A plan or proposed plan; and*
- b) *Whether adequate consideration has been given to alternative sites, routes, or methods of undertaking the work if:*
 - (v) *The requiring authority does not have an interest in the land sufficient for undertaking the work; or*
 - (vi) *It is likely that the work will have a significant adverse effect on the environment; and*
- c) *Whether the work and designation are reasonably necessary for achieving the objectives of the requiring authority for which the designation is sought; and*
- d) *Any other matter the territorial authority considers reasonably necessary in order to make a decision on the requirement.*

In this case, the relevant provisions of the Regional Policy Statement for Southland and Gore District Plan are considered in Sections 6.2 and Sections 6.3 below.

The site is owned and administered by Council and therefore it is considered that it has sufficient interest in the land. As the facility is existing, no alternative sites or locations have been considered. The alternative method considered was to retain the status quo or to seek individual resource consents for various activities. However, the Council's preference is to designate the land to provide surety for the strategic planning and management of the site.

The work and designation are reasonably necessary for achieving the objectives of the Gore District Council because:

- The Council wish to signal its intent to continue to use the site for wastewater treatment and storage purposes.
- The designation sets a record in the District Plan for the community to understand the use and nature of the site.
- The designation allows some flexibility if future modifications occur, albeit with the need for Outline Plan approval (Section 176A of the RMA).

There are no other matters considered reasonably necessary to make a decision on this NOR.

5 The Effects of the Public Work

The following assessment relates to the actual or potential effects as corresponds with the scale and significance of the activity on the environment.

5.1 Existing Works

For the existing works, the effects of these works have already been assessed and are considered to be part of the existing environment, no further assessment is required.

5.2 Operational and Maintenance, Future Maintenance, Repair, Reconstruction, Extension, Modification and Replacement Effects

The site is located within the Rural Zone under the District Plan

5.2.1 Noise Effects

Noise associated with the water supply and treatment works is generally limited to that associated with the operation of vehicles or machinery maintaining the wastewater plant. Any increase in noise would only be for the duration of construction or maintenance processes. Any noise generated from these activities will be temporary and of a short duration. The proposed designation will not result in any significant adverse noise effects given the public works on the site are existing.

Any future works proposed will also be subject to the Outline Plan process.

5.2.2 Dust Effects

Contractors completing any works on the site will be required to take all necessary measures to prevent dust nuisance, such as watering exposed soil, and other practicable methods available. These measures alongside the temporary nature and limited duration of the works are considered to mitigate, and dust effects and potential effects are considered to be minor.

Any future works proposed will be subject to the Outline Plan process.

5.2.3 Visual Amenity

There will be short term visual effects from maintenance and any future construction works required for the viability of the works. The visual effects will come from heavy vehicles, earthworks and other construction activities occurring on the site. These effects will, however, be temporary and short in duration.

If new or replacement structures are required, any long-term visual effects will be considered through the Outline Plan approval process.

Any effects on visual amenity are likely to be minor.

The requiring authority will be required to prepare an Outline Plan for any new construction works or apply for a waiver from the GDC prior to any future works being carried out.

5.2.4 Effects from Earthworks

The type of earthworks associated with the proposed designation could be varied, including excavation, and may be required for maintenance or construction purposes to replace or construct new wastewater services.

The purpose of any future construction works will be to maintain or improve the existing wastewater plant.

Noise and Dust effects resulting from earthworks and proposed mitigation methods are discussed in Sections 5.2.1 and 5.2.2 above.

Any future works will ensure that the Waikaka community has access to appropriate wastewater services, a positive effect.

5.3 Effects as a Result of the Proposed Designation

The designation, if confirmed, will require landowners to gain written approval from the Requiring Authority to undertake any proposed works within the designated area under Section 176 of the RMA. This written approval will be additional to any authority required under the RMA.

6 Statutory Assessment

6.1 Resource Management Act 1991

6.1.1 Part 2

In reaching a decision on a NOR, the GDC must be satisfied that by granting the application, Part 2 of the RMA will be achieved.

Section 5 of the RMA seeks to promote the sustainable management of natural and physical resources. Furthermore, it states that activities must be managed so that adverse effects on the environment are avoided, remedied, or mitigated. The designation reflects this purpose as it will enable the sustainable management of the Waikaka Wastewater Treatment as a physical resource. This provides for the drinking water for the social and economic wellbeing of people and the community of Waikaka.

Section 6 of the RMA sets out the Matters of National Importance that are to be recognised and provided for. None of these matters are considered directly relevant to the site and proposed designation given the water treatment plant is existing. Section 7 of sets out the Other Matters to which regard shall be had. The designation recognises these matters, particularly Kaitiakitanga and efficient use of physical resources.

Section 8 of the RMA requires all persons exercising functions under the RMA to take into account the principles of the Te Tiriti o Waitangi (The Treaty of Waitangi). The proposed designation is not contrary to Section 8.

6.2 Southland Regional Policy Statement

The Southland Regional Policy Statement 2017 (RPS) sets the direction for the future management of Southland's natural and physical resources, in accordance with the purpose and principles of the RMA. The relevant objectives and policies of the RPS are summaries below.

The relevant chapter in the RPS is Chapter 4 – Water, Chapter 5 – Rural Land/Soils and Chapter 15 - Infrastructure. The relevant objectives and policies and comment are shown in the following table:

Objective/Policy	Analysis
Chapter 4 – Water	
Objective WQUAI.1 – Water quality goals Water quality in the region:	The Waikaka Wastewater Treatment Site is existing infrastructure and a physical resource that needs to be sustainably managed. The proposed designation is consistent with safeguarding of the life-supporting capacity of

<p>a) Safeguards the life-supporting capacity of water and related ecosystems;</p> <p>b) Safeguards the health of people and communities;</p> <p>c) Is maintained, or improved in accordance with freshwater objectives formulated under the National Policy Statement for Freshwater Management 2014;</p> <p>d) Is managed to meet the reasonably foreseeable social, economic and cultural needs of future generations</p>	<p>water and the health of people and communities.</p> <p>The proposed designation is consistent with this objective.</p>
<p>Policy WQUAL1 – Overall management of water quality</p> <p>a) Identify values of surface water, ground water, and water in coastal lakes, lagoons, tidal estuaries, salt marshes and coastal wetlands, and formulate freshwater objectives in accordance with the National Policy Statement for Freshwater Management 2014.</p>	<p>The proposed designation is consistent with this policy.</p>
<p>Policy WQUAL.7 – Social, economic and cultural benefits</p> <p>Recognise the social, economic and cultural benefits that may be derived from the use, development or protection of water resources.</p>	<p>The proposed designation is consistent with this policy.</p>
<p>Policy WQUAL.9 – Untreated human and animal wastes</p> <p>Avoid the direct discharge of sewage, wastewater, industrial and trade waste and agricultural effluent to water unless these discharges have undergone treatment.</p>	<p>The proposed designation would maintain the existing wastewater treatment site and ensures that the water is not discharged without treatment.</p>
<p>Policy WQUAL.12 – Integrated Management</p>	<p>The proposed designation is consistent with this policy.</p>

<p>Integrate the management of land use, water quality, water quantity, coast and air, and the use, development and protection of resource wherever possible to achieve the freshwater objectives formulated in accordance with Policy WQUAL1.</p>	
<p>Chapter 5 – Rural Land/Soils</p>	
<p>Objective RURAL1 – Sustainable use of rural land resource.</p> <p>Achieve sustainable use of Southland’s rural land resource, in respect of:</p> <ul style="list-style-type: none"> a) Agricultural and primary sector activities; b) Subdivision, use and development activities; c) Earthworks and vegetation clearance activities; d) The use of soil resource resources; e) Mineral extraction activities; and f) On-site wastewater systems. 	<p>The proposed designation is considered consistent with this policy</p>
<p>Objective RURAL2 – Life-supporting capacity of soils.</p> <p>Safeguarding the life-supporting capacity, mauri and health of soils in rural areas, and prevent or minimise soil erosion and sedimentation from land use soil disturbance</p>	<p>The proposed designation is considered consistent with this objective.</p>
<p>Policy RURAL1 – Social, economic and cultural wellbeing.</p> <p>Recognise that use and development of Southland’s rural land resource enables people and communities to provide for their social, economic and cultural well-being.</p>	<p>The proposed designation is consistent with this policy.</p>

<p>Policy RURAL.2 – Land use change and land development activities.</p> <p>Manage subdivision, land use change and land development activities in rural areas of Southland, in a way that maintains or enhances rural amenity values or character.</p>	<p>The proposed designation is consistent with this policy.</p>
<p>Chapter 15 – Infrastructure</p>	
<p>Objective INF.1 – Southland’s Infrastructure.</p> <p>Southland’s regionally significant, nationally significant and critical infrastructure is secure, operates efficiently, and is appropriately integrated with land use activities and the environment</p>	<p>The proposed designation is consistent with this objective, as it provides for the treatment of wastewater.</p>
<p>Policy INF.1 – Regional, national and critical infrastructure.</p> <p>Recognise the benefits to be derived from, and make provision for, the development, maintenance, upgrade and ongoing operation of regionally significant, nationally significant and critical infrastructure and associated activities.</p>	<p>The proposed designation is consisted with this policy, as it would allow for the continual maintenance and operation of the regionally significant infrastructure.</p>
<p>Policy INF.3 – Infrastructure protection.</p> <p>Protect regionally significant, nationally significant and critical infrastructure, particularly from new incompatible land uses and activities under, over or adjacent to the infrastructure.</p>	<p>The proposed designation is consistent with this policy.</p>
<p>Policy INF.4 – Natural Hazards.</p> <p>The risks to infrastructure from natural hazards and climate change effects are avoided,</p>	<p>The designation would allow the Requiring Authority the ability to protect the infrastructure.</p>

remedied, or mitigated including through design and construction.	
<p>Policy INF.6 – Promoting consistent and integrated management of infrastructure across the region.</p> <p>Provide for the integrated management of the region's infrastructure by:</p> <ul style="list-style-type: none"> a) Recognising the interconnected nature of natural and physical resources; and b) Promoting a collaborative and consistent approach to managing infrastructure, particularly infrastructure networks that crosses zone and/or territorial boundaries. 	The proposed designation is consistent with this policy.

Table 1: Assessment of Southland Regional Policy Statement Objectives and Policies.

In regard to the above analysis, it is considered that the proposed designation is consistent with the relevant objectives and policies of the RPS.

6.3 Gore District Plan

The District Plan identifies issues, objectives, policies, and methods relating to the management of the environmental effects of land use activities on the natural and physical resources of Gore. The relevant objectives and policies of the District Plan and comments to these are summarised in the table below.

Objective/Policy	Analysis
Chapter 3: Land Use Activities – A Framework	
Objective 1: Maintain and enhance the amenity values of the various localities within the District whilst respecting the different values and characteristics that exists within each area.	The proposed designation is consistent with this objective.
Objective 2: Ensure that the effects of land use activities do not adversely affect the quality of the environment and are compatible with the	The proposed designation is consistent with this objective.

characteristics and amenity values of each locality.	
Objective 7: Ensure that the effects of earthworks and other land disturbance are avoided, remedied, or mitigated.	The proposed designation is not likely to enable activities that would have any significant adverse effects associated with earthworks and is considered consistent with this policy.
Objective 8: Avoid where practical the adverse effects of land use activities upon infrastructure.	The proposed designation is consistent with this objective.
Policy 1: Establish zones that reflect the characteristics and amenity values.	The existing location of the Waikaka Wastewater Treatment Site is within the Rural Zone of the Gore District Plan. The designation would maintain the existing characteristics and amenity values of the Rural Zone.
Policy 2: Control the adverse effects of land use activities on the environment.	The proposed designation is consistent with this policy.
Policy 10: Recognise that earthworks and disturbance of the ground is a necessary part of undertaking many activities.	The proposed designation is consistent with this policy.
Policy 11: Ensure that the effects of earthworks and other land disturbance are avoided, remedied, or mitigated.	While there is no intention to undertake earthworks at the site, the designation would address any effects of earthworks, and how it is remedied or mitigated via the Outline Plan process.
Policy 12: Require any adverse effects on land use activities upon infrastructure to be rectified.	The proposed designation is consistent with this policy.
Chapter 7: Utilities	
Objective 1: To ensure that utilities are provided for so as to meet the economic, social, health and safety needs of individuals and the community.	The Waikaka Wastewater Treatment Site is a critical utility which contributes to the health of individuals and communities in Waikaka. The proposed designation would safeguard the

	utility and allow it to continue providing water supply
Objective 2: To ensure that the location and design of utilities avoids significant adverse effects on: <ul style="list-style-type: none"> a) ... b) ... c) ... d) The maintenance and enhancement of public access to and along lakes and rivers 	The proposed designation is consistent with this objective.
Objective 3: Subject to Objective 2, to avoid where practical, remedy or mitigate the adverse effects of the provision of utilities.	The existing wastewater treatment plant is not and will not have any significant adverse effects on the surrounding environment. The proposed designation is consistent with this objective
Objective 4: To avoid adverse effects of land use activities on the operation of the utilities of the District. Objective 5: To protect the existing infrastructure of the District Objective 6: To ensure development is not inappropriately located near infrastructure, such as high voltage electricity lines.	The purpose of the proposed designation is to ensure that the public are made aware of the location of the wastewater utility. The proposed designation is consistent with these objectives.
Policy 1: To recognise the benefits, and necessity, to individuals and the community from the provision of utilities.	The proposed designation would recognise the significant benefit the wastewater service provides to the Waikaka community, and ensure public awareness is raised through the location being identified in District Plan Maps.
Policy 6: In considering subdivision and land use activities, to take into account any adverse effects of those activities on the operation of	The proposed designation is consistent with this policy.

the existing and the foreseeable utilities of the District.	
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Table 2: Assessment of Gore District Plan Objectives and Policies

The proposed designation is considered consistent with the relevant objectives and policies of the District Plan.

7 Proposed Conditions

As this application relates to an existing wastewater processing site that is well established no conditions are proposed or considered necessary.

8 Alternative Sites, Routes, and Methods

Section 171 (1)(b) of the Resource Management Act requires the GDC to have particular regard to:

“(b) whether adequate consideration has been given to alternative sites, routes, or methods of undertaking the work if –

- (i) The requiring authority does not have an interest in the land sufficient for undertaking the work; or*
- (ii) It is likely that the work will have a significant adverse effect on the environment.”*

Section 171 are disjunctive and therefore a Requiring Authority must only meet one test of the other. In this instance the GDC is unable to meet Section 171 (1)(i) as the requiring authority owns the land on which the wastewater plant is located.

Section 5 of this report outlines the potential effects of the proposal and demonstrates the effects of the proposed works outside of those already consented and designated of the scheme are considered to be no more than minor (Section 171(1)(b)(ii)).

An assessment of an alternative site or route is not relevant in this instance, as the Waikaka Wastewater Treatment Plant is existing.

The proposed designation has also been chosen as a method to bring the water treatment site to the attention of the community within the District Plan.

The use of the designation process will also help the requiring authority to sustainably manage the wastewater plant and site.

9 Resource Consents Required

No further resource consents are required for the proposed designation of the site.

10 Notification

Submissions on the proposed NOR can be made when the proposed Gore District Plan is publicly notified.

11 Conclusion

The Waikaka Wastewater Treatment Site is an existing physical resource that needs to be sustainably managed.

This NOR also demonstrates that any adverse effects of the proposed designation are no more than minor. The proposed designation of the wastewater works will have positive effects on the social and economic wellbeing of the community via the provision of well-managed and maintained wastewater treatment works.

We believe it is appropriate for this NOR application to be granted for the following reasons;

- The proposed designation will not give rise to any significant adverse environmental effects and can be undertaken in a manner that will avoid, remedy, or mitigate actual and potential adverse environmental effects.
- The proposed activity is consistent with the relevant RMA plan and policy documents.
- The proposal is consistent with the sustainable management purposes of the Resource Management Act 1991, in that it will provide for the sustainable management of natural and physical resources.

The purpose of the Act will be better met by the approval of the application than its refusal.

Appendix A – Designation Plan



Designation Plan

■ Designation Site/Land Owned by GD

Map Prepared
M Campbell



Waikaka Wastewater Treatment Site Designation

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1:5000 @ A3

August 25, 2022





**RECORD OF TITLE
UNDER LAND TRANSFER ACT 2017
FREEHOLD
Search Copy**




R.W. Muir
Registrar-General
of Land

Identifier SL9C/994
Land Registration District Southland
Date Issued 15 October 1990

Prior References
GN 179537.1

Estate Fee Simple
Area 7463 square metres more or less
Legal Description Section 1 Survey Office Plan 10924
Registered Owners
Gore District Council

Interests

185128.1 Transfer creating the following easements - 26.3.1991 at 11.24 am

Type	Servient Tenement	Easement Area	Dominant Tenement	Statutory Restriction
Right of way	Section 1 Survey Office Plan 10924 - herein	ROW Transfer 185128.1	Part Section 100 and Section 118 Block XIV Chatton Survey District - CT SLB3/315	
Sewer pipeline	Section 1 Survey Office Plan 10924 - herein	AB Transfer 185128.1	Part Section 104 Block XIV Chatton Survey District - CT SL6C/702	
Right of way	Section 1 Survey Office Plan 10924 - herein	ROW Transfer 185128.1	Part Section 101 Block XIV Chatton Survey District - CT SL151/81	

244367.1 Exploration Permit pursuant to Crown Minerals Act 1991 by L & M Mining Limited. Term 5 years commencing on 9.3.1994 - 16.9.1996 at 9.15 am

244367.1 Exploration Permit under Crown Minerals Act 1991 by L & M Mining Limited Term 5 years commencing on 9.3.1994 - 16.9.1996 at 9.15 am

Approvals

Land shown 'A,B,C & D', Area 7463m², now Section 1 SO 10924.

Alfred J. Gardyne 25/10/86
Chief Surveyor

Schedule of Areas

LAND TO BE TAKEN FOR SEWAGE TREATMENT WORKS

Shown	Area	Description
A	2744 m ²	Part Section 100 Block XV, Chatham Survey District (CT1830315)
B	1836 m ²	Part Section 100 Block XV, Chatham Survey District (CT151822)
C	2822 m ²	Part Section 122 Block XIV Chatham Survey District (CT2M14451)
D	659 m ²	Part Section 104 Block XIV Chatham Survey District (CT66702)

Total Area ... 7463 m²

Comprised in C.T.P. 18182, 831315, 281445, 66702...

1:150. Registered Surveyor and holder of an annual practicing certificate for the year 1986. I hereby certify that this plan has been made in accordance with the provisions of the Survey Act 1950 and that the survey was conducted by me or under my directions, that both plan and survey are correct and have been made in accordance with the Survey Regulations 1972.

Dated at Wellington, this 15 day of October, 1986.

Signature *Alfred J. Gardyne*

Field Book 201, p. 17-21, Traverse Book 128, p. 9

Reference Plans S.O. 3830, 4199, 7331, 7346, 8

Examined by Conrad Correct

Approved as to Survey *Alfred J. Gardyne* Chief Surveyor

Deposited this 17 day of October, 1986

District Land Registrar **SO 10924**

File 9/82/1 Received 24-9-86 J.M.L. Instructions 50/11/8192/A

TERRITORIAL AUTHORITY Southland... County...

Surveyed by J.A. Tait

Scale 1:1000 Date September, 1986

Land to be taken for Sewage Treatment Works

Printed by Higgins Wellington, New Zealand

LAND DISTRICT ... Southland

SURVEY BLK. & DIST. XIV... Chatham... S.D.

NZMS 261 SHT. F.45... RECORD MAP No 31.02...

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