



Figure 2: FNDC 3Waters Maps GIS Image of Existing Services

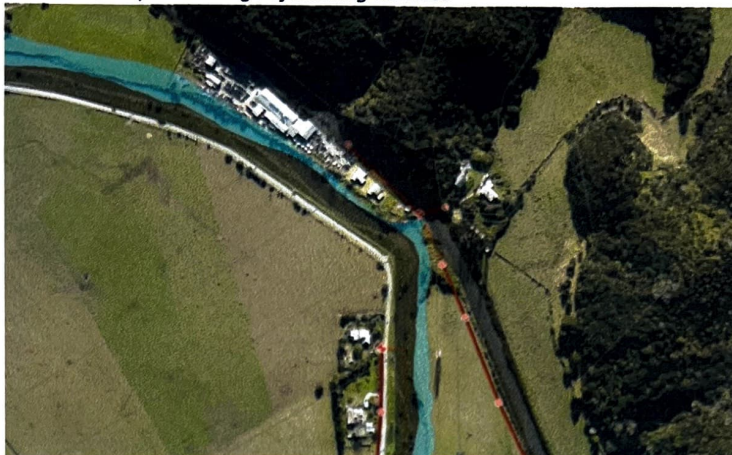


Table 4: Existing Wastewater Infrastructure Summary

Feature	Construction	Specification	Depth to Invert	Lid Level	Location
Manhole	Concrete	N/A	0.0 m	3.25 m	149 State Highway 10 Ref. SP2785
WW Gravity Main	Concrete	150 mm dia.	N/A	N/A	From 149 State Highway 10 Ref. SL2982_2937
WW Pump Station	N/A	N/A	3.92 m	5.79 m	Southern corner of site Ref. SP2784

1. DTI measurements taken from FNDC Maps

These assumptions and recommendations are indicated schematically as Drawing No. 100 within Appendix A.

5 STORMWATER ASSESSMENT

Considering the nature of subdivision and land development, increased storm water runoff occurs as pervious surfaces such as pasture are converted to impervious features such as roads or future on-lot buildings and driveways.

With no proposed overall increase in impervious area as a result of this subdivision application, an increased storm water runoff will not occur. However, for the purposes of evidencing the activity status associated with this Resource Consent application and the proposal of smaller Lot sizes, an assessment of existing impervious surfaces and activity status has been completed.

5.1 Impervious Surfaces and Activity Status

A summary of the impervious areas of the proposed lots is provided as Table 5 below which has been developed from our observations and the provided Scheme Plan for the three proposed developed lots 1, 2 and 3. Refer Section 5.2.

Within proposed Lot 1 with an impervious area of 430 m², existing parking area/ driveway and buildings, it is calculated that the total impervious area under post-development

GENERAL NOTES

1. DRAWING REPRODUCED FROM THOMSON SURVEY LTD PROPOSED SCHEME PLAN REF: 10996, DATED FEBRUARY 2024.
2. SURVEYED TO NEW ZEALAND COORDINATE SYSTEM - NZTM.
3. VERTICAL DATUM = NZVD.
4. MAJOR INTERVALS 5.0 m.
5. FOR INDICATION ONLY, NOT FOR CONSTRUCTION, DO NOT SCALE FROM THIS DRAWING.

- PROPOSED LOT BOUNDARY
- WATERCOURSE
- OVERLAND FLOWPATH
- MANHOLE CHAMBER (EXISTING)
- WASTEWATER PUMP (EXISTING)
- RISING MAIN (EXISTING)
- ROADSIDE SWALE (EXISTING)
- IMPERVIOUS SURROUND (EXISTING)
- BUILDING (EXISTING)
- 25,000 LITRE WATER TANK

1:1000

Revision	Issue	Date
A	CONSENT	20/09/2024



AUCKLAND | NORTHLAND

Project Name and Address

149 STATE HIGHWAY 10

KAEO

PART PAKONGA BLOCK

Project

COS01

Drawn By

SD

Client

GAVIN HOULT

Sheet Title

INFRASTRUCTURE PLAN

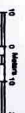
Sheet

100

GENERAL NOTES

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