

Proposed Coastal Sensitivity Area (Erosion)

Metadata

File Identifier

ae6a84d9-5e6c-49b3-b751-f36237c23e79

Hierarchy Level Name

District Plan

Contact

Responsible Party

Individual Name

GIS Team

Organisation Name

Waikato District Council

Date Stamp

Date Time

2020-09-11T16:14:07

Metadata Standard Name

ISO 19115:2003/19139

Metadata Standard Version

1.0

Reference System Info

Reference System

Reference System Identifier

Identifier

Code

EPSG:2193

Identification Info

Data Identification

Citation

Citation

Title

Proposed Coastal Sensitivity Area (Erosion)

Date

Cited Responsible Party

Responsible Party

Individual Name

RM Policy Team Leader

Organisation Name

Waikato District Council

Contact Info

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info@waidc.govt.nz

Abstract

Waikato District Council - Proposed District Plan (Stage 2 Natural Hazards), Notified 27 July 2020. This layer is a spatial representation of an overlay in the Proposed District Plan and indicates where land use will be regulated by various associated rules. It will be used as a guide in the regulatory process of implementing the Proposed District Plan and managing land use, subdivision, the environment and economy. This dataset is subject to changes undertaken through the Resource Management act. Note individual Proposed Plan rules can have different statuses, some may have current legal effect and others will not until the Proposed Plan becomes operative. This data is provided for use in the District Plan only. Coastal Sensitivity Area (Erosion) identifies land that is potentially vulnerable to coastal erosion over a 100 year period to 2120, assuming a sea level rise of 1.0 metre due to the projected effects of climate change. This belongs to the series of

data relating to Natural Hazards which includes the following groups - coastal erosion, coastal inundation, inland flooding, and land subsidence. This layer belongs to the coastal erosion group. Use in conjunction with High Risk Coastal Hazard (Erosion) Area and Coastal Sensitivity Area (Open Coast).

Purpose

METHODOLOGY: hand digitised. Method of assessment included field observations and desktop study. The coastal environment was split into and assessed in broad management areas. The extent of the hazard area was defined as either: a set measurement inland from a shoreline, or a defined area (such as coastal spit), or calculated using slope analysis (see appendix A of appendix 5(h) and table 1 of appendix 5(i)) for further details). The general method for slope analysis was to take transects along the coast to collect points to represent the width of hazard area. A point on each transect was calculated by taking a measure from toe of slope (defined using DEM) inland a set distance to account for toe erosion (if applicable), then a defined slope angle was applied and the point where this intersected the land surface was recorded as width of hazard area on that transect. Points between transects were joined with straight lines. **SOURCE DATA:** - Elevation data: Contour data sourced from any of the following: Waikato - West Coast and Hauraki Plains LiDAR 1 m DEM (2015) (NZTM2000 projection, NZVD2016 vertical datum), EW - North Waikato DEM BC31_0711 (NZTM projection, MVD1953), NZAM LiDAR Raglan DEM (NZTM projection, MVD1953), EW Original data Raglan Harbour DEM BD32_1405, BD32_1305, BD32_1304 (NZTM projection, MVD1953). - Shoreline data: Shoreline data was provided by provided by 4D Environmental Ltd on 21/08/2019 via email as a shapefile (NZTM2000 projection). The shapefile has been archived in ECM (document ID 2327334). The Shoreline provided was the 2012 shoreline, and a small portion of 2017 and 2019 shorelines were also provided (the source of the 2012 shoreline was taken from 2012 WRAPS, which was prepared for WRC for use at 1:8,000 scale. In reality most of it was mapped at about 1:5,000.). A specific shoreline for Lorenzen Bay was also provided by 4D Environmental Ltd on 5/09/2019 via email as a shapefile (NZTM2000 projection) (archived in ECM (Document Set ID 2376525)). Appendix A of appendix 5(h) shows which shoreline (or contour) was used at each location. - Management Areas (referred to in appendix A of appendix 5(h)): The coastal environment was split into management areas for assessment of natural hazards. 4D Environmental Ltd provided a shapefile to show the extent of the areas (NZTM2000 projection) (this has been archived in ECM as Document Set ID 2376504). **SPATIAL REFERENCE SYSTEM:** EPSG2193 **SPATIAL REPRESENTATION TYPE:** vector

Point Of Contact

Responsible Party

Organisation Name

Waikato District Council

Position Name

GIS Team Leader

Contact Info

Contact

Address

Address

Delivery Point

15 Galileo Street

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New Zealand

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Graphic Overview

Browse Graphic

File Name

DP_Coastal_Sensitivity_Area_Erosion_vw

Graphic Overview

Browse Graphic

File Name

GEO/GPlan/DP_Coastal_Sensitivity_Area_Erosion_vw

Descriptive Keywords

Keywords

Keyword

District Plan

Keyword

Resource Management Act

Resource Constraints
Legal Constraints
Other Constraints
CC-BY-4.0

Representative Fraction
Denominator
Integer
1000

Topic Category Code
planningCadastre

Extent
EX_Extent
Geographic Element
EX_Geographic Bounding Box
174.42871093749997175.472412109375-37.983475989122866-36.97214351002756

Distribution Info

Distribution

Distributor

Distributor
Distributor Contact
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Waikato District Council

Contact Info
Contact
Address
Address
Electronic Mail Address
info@waidc.govt.nz

Distributor Format

Format
Name
KML

Version
1

Transfer Options

Digital Transfer Options

On Line

Online Resource
Linkage
URL
<https://data.waikatodistrict.govt.nz/>

Protocol
WWW:LINK-1.0-http--link

Description
Waikato District Council's data repository and download service

On Line

Online Resource
Linkage
URL
<https://waikato.intramaps.co.nz/IntraMaps90?project=Waikato&module=District%20Plan&x=1791000.06&y=5847600.0&zoom=300000&configId=b2549ae1-f643-4ac6-9586-211ba985dd89>

Protocol
WWW:LINK-1.0-http--samples

Name
Waikato District Council Intramaps

Description

Map viewer with the District Plan maps, these are linked to the E-Plan software

Data Quality Info

DQ_ Data Quality

Lineage

LI_ Lineage

Statement

Refer Planning Text..