

Kaipara District Council

31 JUL 2017

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WHANGĀREI 0148
New Zealand

26 July 2017

COPY

Attention: C Dissanayake
Kaipara District Council
Private Bag 1001
Dargaville 0340

Phone: 09 470 1200
Freephone: 0800 002 004
Environmental Hotline:
0800 504 639

Fax: 09 470 1202

Email: mailroom@nrc.govt.nz

www.nrc.govt.nz

Dear Sir

**RESOURCE CONSENT – APP.002111.01.03 – KAIPARA DISTRICT COUNCIL –
REPLACEMENT CONSENTS FOR STORMWATER MANAGEMENT AT
MANGAWHAI VILLAGE**

We refer to our correspondence dated 22 June 2017. No appeal has been lodged to the abovementioned resource consent decision. Accordingly, please now find **enclosed** your resource consent.

Please note that the resource consent may attract a monitoring, administration and supervision fee for which you will be invoiced separately. Officers of the Council may also carry out site visits to monitor compliance with resource consent conditions. If you have any queries regarding the monitoring of your consent, please contact the Council's monitoring officer responsible for consent monitoring in your area, **Scott Lyon**.

Yours faithfully

A handwritten signature in blue ink that reads "Jacqui Wallace".

Jacqui Wallace
Consents Team Administrator – Coastal and Works

DARGAVILLE 0310

61B Victoria Street
Phone: 09 439 3300
Fax: 09 439 3301

KAITĪĀIA 0410

192 Commerce Street
Phone: 09 408 6600
Fax: 09 408 6601

ŌPUA 0200

Unit 10, Industrial Marine Park
Phone: 09 402 7516
Fax: 09 402 7510

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FILE: 2111
(01 to 03)
Replacement

Document Date: 26.07.2017

Resource Consent

Pursuant to the Resource Management Act 1991, the Northland Regional Council (hereinafter called "the Council") does hereby grant a Resource Consent to:

KAIPARA DISTRICT COUNCIL, PRIVATE BAG 1001, DARGAVILLE 0340

To undertake the following activities associated with stormwater management at Mangawhai:

AUT.002111.01.03 To divert stormwater.

AUT.002111.02.02 To discharge stormwater to water outside of the Coastal Marine Area of Mangawhai Harbour.

AUT.002111.03.02 To discharge stormwater into the Coastal Marine Area of Mangawhai Harbour.

Note: All location co-ordinates in this document refer to Geodetic Datum 2000, New Zealand Transverse Mercator Projection.

Subject to the following conditions:

1 The stormwater network system shall be in general accordance with the **attached** MWH Ltd drawings entitled "Mangawhai Stormwater Catchment Management Plan", Project Number 80500973, Sheet Number 1 to 31, Date 15/04/2015.

2 The exercise of these consents shall not result in any significant increase in the scale or extent of the ponding areas as shown on the plans attached to Condition 1.

Advice Note: *The ponding areas shown on these drawings have not been verified by modelling and do not take into account the effects of predicted climate change.*

3 The stormwater collection system for new industrial and commercial developments shall be either:

- (a) Designed to avoid any contaminants stored or used on the site from being entrained in any stormwater discharge; or
- (b) Include an appropriately designed stormwater interceptor system.

- 4 Within 12 months of the date of commencement of these consents, any process water or waste stream on an industrial lot that has the potential to spill into a stormwater collection system shall be bunded, or otherwise contained, within an area of sufficient capacity to provide secondary containment equivalent to 100% of the quantity of process water or waste.
- 5 Within 12 months of the date of commencement of these consents, the Consent Holder shall have a register for industrial and commercial properties which includes the location of the property, the nature of the activity being undertaken on the property, and the stormwater system in place for the property.
- 6 The Consent Holder shall notify the Northland Regional Council's assigned monitoring officer of any amendment to the register required to be kept in accordance with Condition 5 within two weeks of the amendment occurring. A copy of this register shall be provided to the Northland Regional Council's assigned monitoring officer on written request.
- 7 The stormwater discharge shall not result in any permanent scouring or erosion of the bed of a waterbody or the coastal marine area. For compliance purposes, "permanent" is defined as scouring or erosion that will not be fully remediated by natural processes during the following six month period.
- 8 There shall be no obstructions within any watercourse or identified overland flow path within the stormwater network system owned by the Consent Holder, as shown on the plans referred to in Condition 1, that could result in an increase:
 - (a) To the frequency of flooding of a property; or
 - (b) The scale or extent of the ponding areas shown on the plans referred to in Condition 1.

Advice Note: *The maintenance of the free flow of water is a permitted activity provided all the requirements of the relevant rule in the Regional Water and Soil Plan for Northland are met. Any other works within the bed of a watercourse are likely to require separate resource consent.*

- 9 The assets within the stormwater network system that are owned by the Consent Holder, including stormwater ponds, outlet structures, cesspits, energy dissipation devices, and overland flow paths, shall be adequately maintained to ensure that they operate efficiently and effectively at all times.
- 10 All sediment removed from the stormwater network system shall be disposed of at a site that is authorised to accept such waste material.
- 11 Within 12 months of the date of commencement of these consents, the Consent Holder shall forward to the Northland Regional Council's assigned monitoring officer an Operation and Maintenance Plan that details how Conditions 8 to 10 will be complied with. This plan shall include, as a minimum:
 - (a) A schedule of inspection frequencies for all sediment traps and stormwater treatment devices;

- (b) The maintenance requirements for sediment traps and treatment devices;
 - (c) A schedule of inspection frequencies for obstructions within open watercourses, drains and overland flow paths; and
 - (d) Details of how vegetation cover, especially on swale drains, steep land, coastal margins and natural water courses, within the stormwater network system owned by the Consent Holder will be retained and, where possible, enhanced.
- 12 The Operation and Maintenance Plan may be amended at any time by the Consent Holder and shall be updated to include any new connections to the network that have stormwater collection and treatment systems that are owned by the Consent Holder. A copy of the amended Operation and Maintenance Plan shall be forwarded to the Northland Regional Council's assigned monitoring officer within two weeks of it becoming operational, and shall be deemed to be the latest version for compliance purposes.
- 13 The stormwater network system shall be operated and maintained in accordance with the most recent version of the Operation and Maintenance Plan that the Northland Regional Council has received.
- 14 An assessment of compliance with the maintenance requirements of the Operation and Maintenance Plan and any programmed works for the year, being 1 July to 30 June, shall be provided to the Northland Regional Council's assigned monitoring officer by 31 July each year. A schedule of any programmed works for the following year shall also be provided at the same time.

Advice Note: *These requirements should occur as part of Local Government Annual Plan process.*

- 15 The exercise of these consents shall not result in the concentration of metals in sediment, as measured at or beyond a 30 metre radius from any final outlet from the network system, to exceed the following:

Metal	Milligrams per kilogram dry weight
Copper	65
Lead	50
Zinc	200
Chromium	80
Nickel	21
Cadmium	1.5

- 16 The exercise of these consents shall not result in any of the following effects on water quality, as measured at or beyond a 30 metre radius down current from any final outlet from the network system:
- (a) The production of any conspicuous oil or grease film, scums or foams, or floatable or suspended materials, or emissions of objectionable odour;
 - (b) The destruction of natural aquatic life by reason of a concentration of toxic substances;

- (c) Shellfish to become tainted so as to make them unpalatable or contain toxic substances to the extent that they are unsafe for human consumption.
- 17 The Consent Holder shall, for the purposes of adequately monitoring these consents as required under Section 35 of the Act, on becoming aware of any contaminant associated with the Consent Holder's operations escaping otherwise than in conformity with these consents:
- (a) Immediately take such action, or execute such work as may be necessary, to stop and/or contain such escape; and
 - (b) Immediately notify the Northland Regional Council by telephone of an escape of contaminant; and
 - (c) Take all reasonable steps to remedy or mitigate any adverse effects on the environment resulting from the escape; and
 - (d) Report to the Northland Regional Council's Compliance Manager in writing within one week on the cause of the escape of the contaminant and the steps taken or being taken to effectively control or prevent such escape.

In regard to telephone notification, during Northland Regional Council opening hours the Northland Regional Council's assigned monitoring officer for these consents shall be contacted. If that person cannot be spoken to directly, or it is outside of Northland Regional Council's opening hours, then the Environmental Emergency Hotline shall be contacted.

Advice Note: *The Environmental Emergency Hotline is a 24 hour, seven day a week, service that is free to call on 0800 504 639.*

- 18 The Northland Regional Council may, in accordance with Section 128 of the Resource Management Act 1991, serve notice on the Consent Holder of its intention to review the conditions annually during the month of May for any one or more of the following purposes:
- (a) To deal with any adverse effects on the environment that may arise from the exercise of the consent and which it is appropriate to deal with at a later stage; or
 - (b) To require the adoption of the best practicable option to remove or reduce any adverse effect on the environment.

The Consent Holder shall meet all reasonable costs of any such review.

EXPIRY DATE: 1 JUNE 2052

These consents were granted on 22 June 2017 (being the date of the decision) under delegated authority from the Council by Paul Maxwell, Coastal and Works Consents Manager.

Note: *The plans attached to this consent are reduced copies and therefore may not be to scale and may be difficult to read. In the event that compliance and/or enforcement action is to be based on compliance with the attached plans, it is important that the original plans, are sighted and used. Originals of the plans referred to are available for viewing at the Council's Whāngārei office.*



Mangawhai Stormwater Catchment Management Plan

Map Overview

Project Number	80500973	Scale	1:30,000 (A3)
Sheet Number	Page 1 of 31	DATE	15/04/2015
		DRAWN	SWT

<ul style="list-style-type: none"> FlowPaths Ponding Areas Property Boundary 	<ul style="list-style-type: none"> Costal Outlets Map Index Map Sheet SW Pipes (CMP 2006)
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Project Number	80500973	Scale	1:2,500 (A3)
Sheet Number	Page 2 of 31	DATE	15/04/2015
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Mangawhai Stormwater Catchment Management Plan

Map A2

Coastal Outlets	Pending Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Sub-Catchment	
SW Points	
Skakbit	





Project Number	80500973	Scale	1:2,500 (A3)
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Mangawhai Stormwater Catchment Management Plan

Map A3

Coastal Outlets	SW Poles	Pending Areas
SW Pipes (CMP 2006)	SW Poles (GIS 2014)	Property Boundary
SW Pipes (GIS 2014)	Catchments	Contours
Flow Paths	Sub-Catchment	Contour 1m
		Contour 5m



KAI PARA DISTRICT
COUNCIL



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Catchment Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Catchment
	Sub-Catchment
	Contour 1m
	Contour 5m



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Mangawhai Stormwater Catchment Management Plan

Map A4



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Mangawhai Stormwater Catchment Management Plan

Map B2

Costa Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Subcatchment	
Skagit	



Kaipara District
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Mangawhai Stormwater Catchment Management Plan

Map B3

Corral Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Subcatchment	

KAI PARA DISTRICT COUNCIL
Kaipara District Council
PO Box 100, Mangawhai, Northland

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Engineering & Better World



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Mangawhai Stormwater Catchment Management Plan

Map B4

Cesta/Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
SW Points	Contour 5m
Catchments	Catchment
Subcatchment	Subcatchment



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Mangawhai Stormwater Catchment Management Plan

Map 11

Costa Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Subcatchment	



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Costal Outlets	Pending Areas
SW Pipes (CHP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchment	Contour 5m
Sub-Catchment	

SW Points	Catchment
Sockpit	Sub-Catchment

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Mangawhai Stormwater Catchment Management Plan



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Mangawhai Stormwater Catchment Management Plan

Map J1

Contal Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
	Contour 5m
Catchments	SubCatchment
SW Points	
Catchments	





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Mangawhai Stormwater Catchment Management Plan

Map K1

Costa Outlets	Pending Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Catchment
Catchments	Contour 1m
SubCatchment	Contour 5m

KAI PARA DISTRICT
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Mangawhai Stormwater Catchment Management Plan

Map F4

Catchment Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Catchment
	SubCatchment
	Contour 1m
	Contour 5m





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Mangawhai Stormwater Catchment Management Plan

Map G1

Cestari Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Subcatchment	

KAIWARA DISTRICT

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Old Waipou Road North



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Mangawhai Stormwater Catchment Management Plan

Map G2

<ul style="list-style-type: none"> Coastal Outlets SW Pipes (CMP 2006) SW Pipes (GS 2014) Flow Paths 	<ul style="list-style-type: none"> Ponding Areas Property Boundary Contours Contour 1m Contour 5m 	<ul style="list-style-type: none"> SW Points Scarpit Catchments Catchment Sub-Catchment
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KAI PARA DISTRICT
COUNCIL



MANGAWHAI
ENVIRONMENTAL & WATER WORLD



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Mangawhai Stormwater Catchment Management Plan

Map G3

Catch/Outlets	SW Points	Pending Areas
SW Pipes (CMP 2006)	Soakpit	Property Boundary
SW Pipes (GIS 2014)	Catchments	Contours
Flow Paths	Catchment	Contour 1m
	Sub-Catchment	Contour 5m



Kaipara District
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Mangawhai
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Mangawhai Stormwater Catchment Management Plan

Map G4

Costa Outlets	Pending Areas
SW Pipes (CHP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Sub-Catchment	
SW Points	
Soakpit	





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Mangawhai Stormwater Catchment Management Plan

Map H1

Catchment Outlets	Pending Areas
SW Pipes (CMP 2005)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
Subcatchment	



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Mangawhai Stormwater Catchment Management Plan

Map H2

Costal Outlets	Pending Areas
SW Pipes (CMP 2005)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Catchments
	Subcatchment
	Contour 1m
	Contour 5m



Kaipara District Council
Kaitiaki Take Kōwhiri



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Mangawhai Stormwater Catchment Management Plan

Map H3

Costa Outlets	Pending Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
SW Points	Contour 5m
Soakpit	Catchment
Catchments	Subcatchment





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Mangawhai Stormwater Catchment Management Plan

Map H4

Catchment Outlets	Pending Areas
SW Pipes (CWP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Soakpit Catchments	Contour 5m
Catchment	Sub-Catchment






 KAIKAPA DISTRICT <small>COUNCIL</small>	 MWH <small>REDEFINING A BETTER WORLD</small>	SW Points Skatepit Catchment Subcatchment	SW Pipes (GIS 2014) SW Pipes (GIS 2014) Flow Paths	SW Pipes (CMP 2006) SW Pipes (CMP 2006)	SW Outlets Coastal Outlets	SW Ponds Ponding Areas Property Boundary Contours Contour 1m Contour 5m	Scale 1:2,500 (A3)
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Mangawhai Stormwater Catchment Management Plan

Map C2





KAIPARA DISTRICT COUNCIL
Kaitiaki Take Kōwhiri



MWH
Engineering • Better World

<ul style="list-style-type: none"> Contour Outlets SW Pipes (CMP 2006) SW Pipes (GIS 2014) Flow Paths 	<ul style="list-style-type: none"> Ponding Areas Property Boundary Contours Contour 1m Contour 5m 	<ul style="list-style-type: none"> SW Points Sceptic Catchments Catchment Subcatchment
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Mangawhai Stormwater Catchment Management Plan

Map C3

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Mangawhai Stormwater Catchment Management Plan

Map D2

Costa Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Catchment
	SubCatchment
	Contour 1m
	Contour 5m



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Map D3

Contal Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchment	Contour 5m
SubCatchment	
Catchment	
SubCatchment	



Kaipara District
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 Kaipara District Council	 MWH	 MWH	 SW Points Scarpit Catchments Catchment SubCatchment	 Contours Contour 1m Contour 5m	 Ponding Areas Property Boundary	Project Number 80500973	Scale 1:2,500 (A3)
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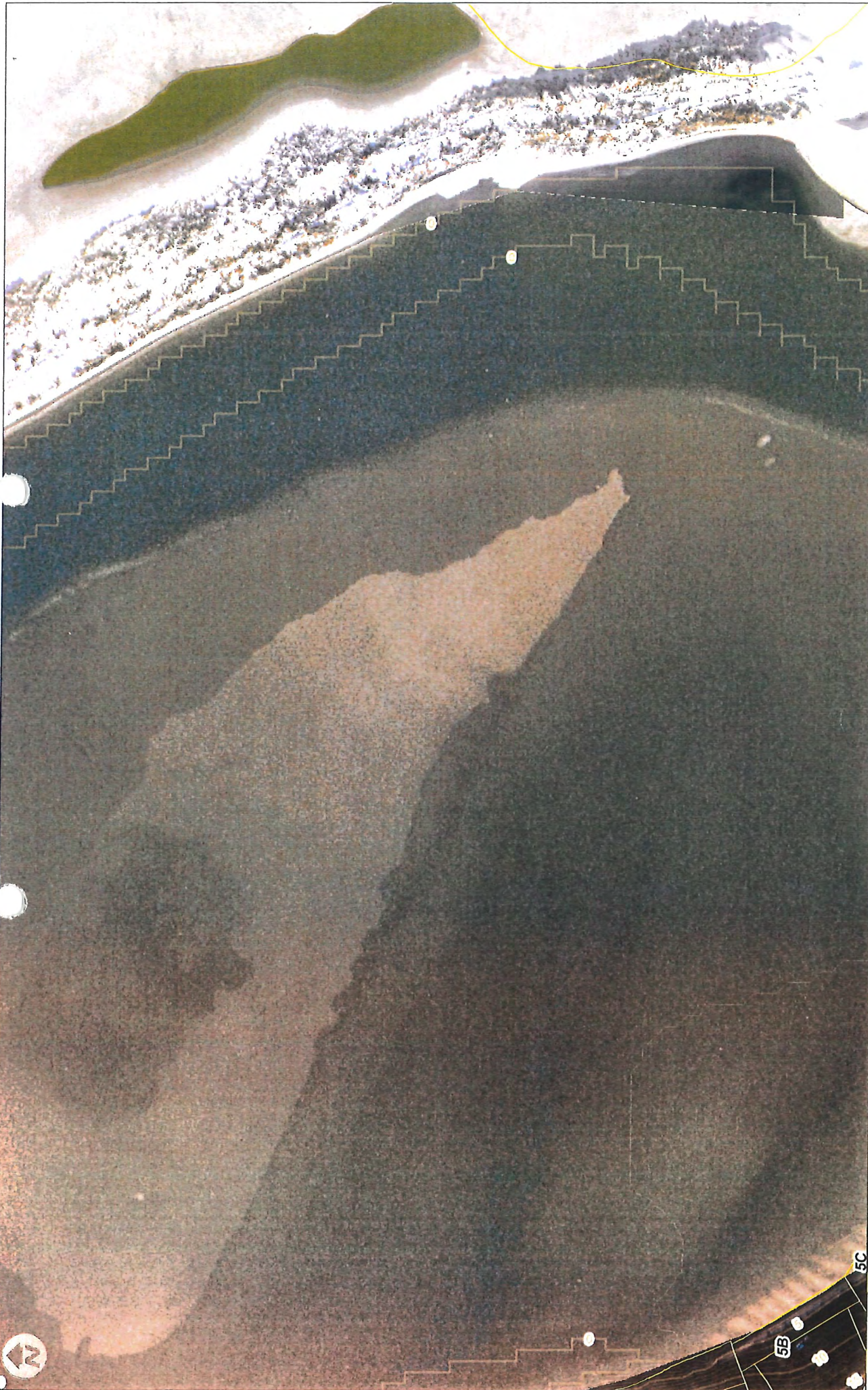
Mangawhai Stormwater Catchment Management Plan

Map E2



 KAIPARA DISTRICT COUNCIL		 MWH <small>Engineering & Better World</small>	
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Map E3



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Mangawhai Stormwater Catchment Management Plan

Map E4

Coastal Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchments	Contour 5m
SubCatchment	
SW Points	
Skulpt Catchments	





Catch Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
	Contour 5m

SW Points	Scatpit
Catchments	Catchment
SubCatchment	SubCatchment

Ponding Areas	Property Boundary
Contours	Contour 1m
Contour 5m	



Mangawhai Stormwater Catchment Management Plan

Map F1

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Map F2

Contal Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
Catchment	Contour 5m
SubCatchment	
Skagit	





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Mangawhai Stormwater Catchment Management Plan

Catch Outlets	Ponding Areas
SW Pipes (CMP 2006)	Property Boundary
SW Pipes (GIS 2014)	Contours
Flow Paths	Contour 1m
	Contour 5m
Catchments	Catchment
Subcatchment	Subcatchment

