

Resource Consent

Resource Consent RM17-0121-AP

Following the processing of the Application received on the 10 March 2017, the Bay of Plenty Regional Council has granted the applicant(s):

Western Bay of Plenty District Council

Consent(s) to:

RM17-0121-BC.01	Disturb Lake or River	Expiry	30 May 2055
RM17-0121-BC.02	Beds Damming and Diversion	Expiry	30 May 2055
RM17-0121-CC.01	Coastal Dredging	Expiry	30 May 2055
RM17-0121-CC.02	Occupy Coastal Space	Expiry	30 May 2055
RM17-0121-DC.01	Discharge to Water	Expiry	30 May 2055
RM17-0121-LC.01	Earthworks or Excavation	Expiry	30 May 2055

The consent(s) are subject to the conditions specified on the attached schedule(s) for each activity. Advice notes are also provided as supplementary guidance, and to specify additional information to relevant conditions.

The Resource Consent hereby authorised is granted under the Resource Management Act 1991 does not constitute an authority under any other Act, Regulation or Bylaw.

DATED at Whakatane this 17th day of July 2020

For and on behalf of The Bay of Plenty
Regional Council



Fiona McTavish
Chief Executive



Bay of Plenty Regional Council

Resource Consent

Pursuant to the Resource Management Act 1991, the **Bay of Plenty Regional Council**, by a decision dated 17 July 2020, **hereby grants**:

A resource consent:

- **Under section 13(1) of the Resource Management Act 1991 and Rule BW R36 of the Bay of Plenty Regional Natural Resources Plan being a discretionary activity to:**
- **(a) Use, place, reconstruct, alter or remove structures in or on the beds of various water bodies within the central urban catchments of the Western Bay District; and**
- **(b) Disturb the beds of various waterbodies within the central urban catchments of the Western Bay District; and**
- **(c) Deposit material in the beds of various waterbodies within the central urban catchments of the Western Bay District.**

subject to the following conditions:

1 Purpose

1.1 The purpose of this resource consent is to authorise:

- a) Stormwater related activities including the use, maintenance, installation and reconstruction of structures (in streams and rivers),
- b) Stormwater related activities including the use, maintenance and installation of stormwater treatment devices; and
- c) Vegetation management, including vegetation removal, planting and weed control.

Advice Note: *For clarity, the purpose of this consent does not include:*

- a) The installation of stormwater infrastructure and treatment devices within greenfield development sites and new subdivisions;*
- b) The installation of new rock revetment, training groynes or any other permanent structure in any water body listed in Schedule 1 of the Regional Natural Resources Plan or within the Coastal Margin, unless authorised by a consent and transferred to this consent.*

2 Location

2.1 The urban catchments covered by this consent include:

- i. The Te Puna West urban area, as indicated on the Plan titled Te Puna West Urban Stormwater Catchment, Figure 4, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/1; and
- ii. The Minden urban area, as indicated on the Plan titled Minden Urban Stormwater Catchment, Figure 5, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/2.

3 Map Reference

- 3.1 Stormwater structures which are authorised under this consent are listed in Appendix C: Central Catchment Existing Stormwater Assets (Te Puna and Minden Catchments), WBOPDC 2017, attached to the document titled Western Bay of Plenty Integrated Catchment Management Plan, prepared by AECOM, dated 6 March 2017 and submitted in support of the application (hereafter referred to as the 'AECOM document').

4 Legal Description

- 4.1 Various within the boundaries shown on the Plans referenced in Section 2 above.

5 Notifying the Regional Council

- 5.1 The consent holder must notify the Chief Executive of the Regional Council or delegate, in writing, no less than five working days prior to the start of the following work authorised under this consent:

- a) Any stormwater infrastructure installation or structure reconstruction in the bed of a water body.
- b) Any work in, or disturbance of, the bed of a water body.

Notification at this time shall include details of who is responsible for on site management and compliance with consent conditions (see Advice Note 2).

- 5.2 Within 30 working days of completion of any stormwater infrastructure installation or structure reconstruction works authorised under this consent, the consent holder must submit a Statement, signed by a suitably qualified Chartered Professional Engineer or a suitably qualified engineer approved by the Chief Executive of the Regional Council or delegate, to certify that:

- a) the works have been undertaken in accordance with good engineering practice; and
- b) the structure(s) have been installed or re-constructed in accordance with the current version of the Bay of Plenty Regional Council's Hydrological and Hydraulic Guidelines, the Erosion and Sediment Control Guidelines and the requirements of this consent (see Advice Note 2).

6 Maintenance, Construction and Reconstruction Works

- 6.1 The consent holder must undertake inspections and maintenance of outfall structures in accordance with information submitted with the application for this consent including:

- a) The current asset management plan; or
- b) Any other maintenance plan, included in the Catchment Management Plan.

- 6.2 The consent holder must ensure that stormwater outlets and associated erosion protection structures are operated and maintained in an effective working order at all times.

- 6.3 At the same time that the outlet structures are inspected under condition 6.1, erosion effects must be assessed and remedied in accordance with condition 6.4.

- 6.4 Any erosion or scour of the banks of a river or stream resulting from either the presence of a stormwater outlet(s), the discharge from an outlet(s) or from works authorised by this consent, must be effectively stabilised and remedied.

- 6.5 For any works authorised by this consent, including the installation, maintenance, demolition, alteration, upgrade or reconstruction of existing outfalls or structures, the consent holder must submit an erosion and sediment control plan to the Chief Executive of the Regional Council or delegate no later than five working days prior to the commencement of the works, for certification.

Advice Note: The purpose of certification is to ensure that the erosion and sediment control plan

- 6.6 New stormwater infrastructure shall be designed by a suitably qualified Chartered Professional Engineer or a suitably qualified engineer certified by the Chief Executive of the Regional Council or delegate. Where the new stormwater infrastructure includes a pond, embankment, stopbank, floodgate, spillway or any detention structure, the consent holder must consult the Chief Executive of the Regional Council or delegate prior to undertaking detailed design; and, prior to commencement of works, must provide the final design to the Chief Executive of the Regional Council or delegate, for certification. No works shall be undertaken prior to the certification of the works by the Chief Executive of the Regional Council or delegate.

Advice Note: *The purpose of certification is to ensure that new stormwater infrastructure shall meet the current version of the Bay of Plenty Regional Council's Hydrological and Hydraulic Guidelines, the Erosion and Sediment Control Guidelines and the requirements of this consent.*

- 6.7 For any construction or maintenance work that requires work within the bed of a stream, the consent holder must:
- a) Ensure that any temporary damming or diversion does not adversely affect the ecology or habitat of a wetland to any more than a minor extent;
 - b) Effectively stabilise any erosion or scour that results from the stormwater related activities or vegetation management;
 - c) Ensure that machinery is kept out of the bed of rivers and streams where practicable and that no machinery refuelling or fuel storage occurs in a location where fuel can enter the water body;
 - d) Take all practicable measures to avoid vegetation, soil, slash or other debris being deposited in a water body and ensure that on completion of any work on the banks or within the bed of a stream, that all debris and construction materials are removed from the bed and banks of the water body;
 - e) Not cause any decrease in the length of any stream or river channel or any more than localised increases in the slope of the stream or river bed;
 - f) Not cause a permanent net loss of aquatic habitat area or a permanent reduction in aquatic habitat quality, when compared to the baseline information gathered as a result of the monitoring required by RM17-0121 - DC. This includes degraded or modified aquatic habitat (see Advice Note 7);
 - g) Provide for fish passage;
 - h) Undertake any works outside of the fish spawning and juvenile migration periods listed in the Regional Natural Resources Plan, where applicable, unless written approval to do otherwise is provided by the Chief Executive of the Regional Council or delegate; and
 - i) Limit any dredging required to maintain conveyance capacity at outlets or in water bodies to the minimum area and volume required for the clearance of accumulated sediments; and
 - j) Undertake any additional measures as required by the Chief Executive of the Regional Council or delegate, to avoid, remedy or mitigate any actual or potential adverse effects on the water body as a result of the proposed works.

- 6.8 The banks of the water body must be effectively stabilised following completion of the works.

7 Signage

- 7.1 Prior to the commencement of stormwater infrastructure installation, reconstruction or maintenance works under this consent, the consent holder must erect a prominent sign adjacent to the site, and maintain it throughout the period of the works. The sign must clearly display, as a minimum, the following information:
- a) The name of the project;

- b) The name of the main site contractor;
- c) A 24 hour contact telephone number for the consent holder or appointed agent;
- d) A clear explanation that the contact telephone number is for the purpose of receiving complaints and information from the public about dust nuisance or any other problem resulting from the exercise of this consent.

8 Review of Conditions

- 8.1 The Regional Council may, on completion of any environmental impact investigation or compliance report that shows there is an adverse effect on bed or banks of water bodies as a result of the presence of the stormwater infrastructure, its installation or maintenance, or as a result of vegetation management, serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this consent. The purpose of such a review is to assess the need for a review of a Catchment Management Plan, conditions or to require remedial works, as appropriate.

9 Term of Consent

- 9.1 This consent shall expire on 30 May 2055.

10 Resource Management Charges

- 10.1 The consent holder shall pay the Bay of Plenty Regional Council such charges as are fixed from time to time by the Regional Council in accordance with section 36 of the Resource Management Act 1991.

11 The Consent

- 11.1 The Consent hereby authorised is granted under the Resource Management Act 1991 and does not constitute an authority under any other Act, Regulation or Bylaw.

Advice Notes

- 1 This consent does not authorise the holder to modify or disturb any archaeological or historic sites within the area affected by this consent. Should any artefacts, bones or any other sites of archaeological or cultural significance be discovered within the area affected by this operation, written authorisation should be obtained from the Heritage New Zealand Pouhere Taonga before any damage, modification or destruction is undertaken.
- 2 Reporting and notification required by conditions of this consent must be directed (in writing) to the Manager Pollution Prevention, Bay of Plenty Regional Council, PO Box 364, Whakatane or fax 0800 884 882 or email notify@boprc.govt.nz, this notification must include the consent number RM17-0121.
- 3 The Regional Council Pollution Hotline Number is 0800 884 883.
- 4 The consent holder is responsible for ensuring that all contractors carrying out works under this consent are made aware of the relevant consent conditions, plans and associated documents.
- 5 The consent holder is advised that non-compliance with consent conditions may result in enforcement action against the consent holder and/or their contractors.
- 6 Streams and modified watercourses (including land drainage canals with ecological values) are as defined in the Bay of Plenty Regional Water and Land Plan.
- 7 If no alternative measures can be implemented on site, habitat creation or enhancement nearby may be considered under a separate resource consent.

- 8 Reference: Bay of Plenty Regional Council Hydrological and Hydraulic Guidelines.
- 9 Where rivers or streams are integrated into the primary stormwater system, the design criteria downstream of that point must be as per the current version of the Hydrological and Hydraulic Guidelines.

Bay of Plenty Regional Council

Resource Consent

Pursuant to the Resource Management Act 1991, the **Bay of Plenty Regional Council**, by a decision dated 17 July 2020, **hereby grants**:

A resource consent:

- **Under section 14(2) of the Resource Management Act 1991 and Rule WQ R21 of the Bay of Plenty Regional Natural Resources Plan being a discretionary activity to temporarily divert and/ or dam water in various waterbodies within the central urban areas of the Western Bay District**

subject to the following conditions:

1 Purpose

- 1.1 To authorise the temporary damming or diversion of water where it is associated with urban stormwater management and maintenance activities.

Advice Note: For clarity, the purpose of this consent does not include any permanent damming, diversion or re-alignment of any water body listed in Schedule 1 of the Regional Natural Resources Plan, including the construction of stop banks and dams.

2 Location

- 2.1 The urban catchments covered by this consent include:
- i. The Te Puna West urban area, as indicated on the Plan titled Te Puna West Urban Stormwater Catchment, Figure 4, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/1; and
 - ii. The Minden urban area, as indicated on the Plan titled Minden Urban Stormwater Catchment, Figure 5, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/2.

3 Map Reference

- 3.1 Stormwater structures which are authorised under this consent are listed in Appendix C: Central Catchment Existing Stormwater Assets (Te Puna and Minden Catchments), WBOPDC 2017, attached to the document titled Western Bay of Plenty Integrated Catchment Management Plan, prepared by AECOM, dated 6 March 2017 and submitted in support of the application (hereafter referred to as the 'AECOM document').

4 Legal Description

- 4.1 Various within the boundaries shown on the Plans referenced in Section 2 above.

5 Notifying the Regional Council

- 5.1 The consent holder must notify the Chief Executive of the Regional Council or delegate, in writing, no less than five working days prior to the start of any work in a freshwater body that will cause damming or diversion of the water.

Notification at this time must include details of who is responsible for on site management and ensuring compliance with consent conditions (see Advice Note 2).

- 5.2 Within 5 working days of completion of damming or diversion works authorised under this consent, the consent holder must notify the Chief Executive of the Regional Council or delegate.

Advice Note: *The purpose of the notification is to set up a final inspection meeting to verify compliance with the Damming and Diversion Plan required by condition 6.1.*

6 Damming and Diversion of Water

- 6.1 The consent holder shall provide to the Regional Council, for certification, a Damming and Diversion Plan, one month prior to any damming or diversion works commencing. The Plan must be prepared by a suitably qualified environmental engineer or environmental specialist and include the work methodology and mitigation measures.

Advice Note: *The purpose of certification is to ensure that effects on habitat and instream and riparian ecology are appropriately mitigated and that any temporary effects are appropriately remediated.*

- 6.2 For any construction or maintenance work that requires temporary damming or diversion of a river or stream, the consent holder must:
- a) Ensure that the temporary damming or diversion does not adversely affect the ecology or habitat of a wetland to any more than a minor extent;
 - b) Ensure that the temporary damming or diversion does not cause water flow downstream to fall below the instream minimum flow (if there is one set in a regional plan), or adversely affect any authorised water take;
 - c) Effectively stabilise any erosion or scour that results from the temporary damming or diversion of the water;
 - d) Ensure that the temporary dam or diversion structure(s) is maintained in a sound condition for the purpose for which it was constructed and is kept clear of debris;
 - e) Ensure that machinery is kept out of the bed of rivers and streams where practicable and that no machinery refuelling or fuel storage occurs in a location where fuel can enter the water body;
 - f) Take all practicable measures to avoid vegetation, soil, slash or other debris being deposited in a water body and ensure that on completion of any work on the banks or within the bed of a stream, that all debris and construction materials are removed from the bed and banks water body;
 - g) Not cause a permanent net loss of aquatic habitat area or a permanent reduction in aquatic habitat quality. This includes degraded or modified aquatic habitat (see Advice Note 6);
 - h) Provide for fish passage and the removal/recovery of fish prior to dewatering;
 - i) Undertake any temporary damming or diversion works outside of the fish spawning and juvenile migration periods listed in the Regional Natural Resources Plan, unless written agreement is provided by the Chief Executive of the Regional Council or delegate; and
 - j) Undertake any additional measures as required by the Chief Executive of the Regional Council or delegate, to avoid, remedy or mitigate any actual or potential adverse effects on the water body as a result of the proposed works.
- 6.3 The banks of a water body must be reinstated to their original contour after completion of the temporary damming or diversion of water.

7 Signage

- 7.1 Prior to the commencement of any damming or diversion works under this consent, the consent holder must erect a prominent sign adjacent to the entrance of site works, and maintain it throughout the period of the works. The sign must clearly display, as a minimum, the following

information:

- The name of the project;
- The main site contractor;
- A 24 hour contact telephone number for the consent holder or appointed agent;
- A clear explanation that the contact telephone number is for the purpose of receiving complaints and information from the public about dust nuisance or any other problem resulting from the exercise of this consent.

8 Review of Conditions

- 8.1 The Regional Council may, on completion of any environmental impact investigation or compliance report that shows there is an adverse effect on the environment as a result of the temporary damming or diversion of water, serve notice on the consent holder under s. 128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this consent. The purpose of such a review is to remediate any effect that is not anticipated at this time.

9 Term of Consent

- 9.1 This consent shall expire on 30 May 2055.

10 Resource Management Charges

- 10.1 The consent holder shall pay the Bay of Plenty Regional Council such charges as are fixed from time to time by the Regional Council in accordance with section 36 of the Resource Management Act 1991.

11 The Consent

- 11.1 The Consent hereby authorised is granted under the Resource Management Act 1991 and does not constitute an authority under any other Act, Regulation or Bylaw.

Advice Notes

- 1 This consent does not authorise the holder to modify or disturb any archaeological or historic sites within the area affected by this consent. Should any artefacts, bones or any other sites of archaeological or cultural significance be discovered within the area affected by this operation, written authorisation should be obtained from Heritage New Zealand Pouhere Taonga before any damage, modification or destruction is undertaken.
- 2 Reporting and notification required by conditions of this consent shall be directed (in writing) to the Manager Pollution Prevention, Bay of Plenty Regional Council, PO Box 364, Whakatane or fax 0800 884 882 or email notify@boprc.govt.nz. This notification shall include the consent number RM17-0121.
- 3 The Regional Council Pollution Hotline Number is 0800 884 883.
- 4 The consent holder is responsible for ensuring that all contractors carrying out works under this consent are made aware of the relevant consent conditions, plans and associated documents.
- 5 The consent holder is advised that non-compliance with consent conditions may result in enforcement action against the consent holder and/or their contractors.
- 6 If no alternative measures can be implemented on site, habitat creation or enhancement nearby may be considered under a separate resource consent.

Bay of Plenty Regional Council

Resource Consent

Pursuant to the Resource Management Act 1991, the **Bay of Plenty Regional Council**, by a decision dated 17 July 2020, **hereby grants:**

A resource consent:

- **Under section 12(1)(c) and (d) of the Resource Management Act 1991 and Rule DD 14 of the Regional Coastal Environment Plan to undertake a discretionary activity being disturbing, depositing material or dredging of the bed of the Coastal Marine Area**

subject to the following conditions:

1 Purpose

- 1.1 The purpose of this resource consent is to authorise dredging and disturbance of the seabed and deposition of material in the Coastal Marine Area (CMA) associated with stormwater infrastructure maintenance or erosion protection.

Advice Note: *For clarity, this consent does not provide for any dredging, deposition or disturbance associated with greenfield development areas.*

2 Location

- 2.1 The urban catchments covered by this consent include:
- i. The Te Puna West urban area, as indicated on the Plan titled Te Puna West Urban Stormwater Catchment, Figure 4, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/1; and
 - ii. The Minden urban area, as indicated on the Plan titled Minden Urban Stormwater Catchment, Figure 5, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/2.

3 Map Reference

- 3.1 Stormwater structures which are authorised under this consent are listed in Appendix C: Central Catchment Existing Stormwater Assets (Te Puna and Minden Catchments), WBOPDC 2017, attached to the document titled Western Bay of Plenty Integrated Catchment Management Plan, prepared by AECOM, dated 6 March 2017 and submitted in support of the application (hereafter referred to as the 'AECOM document').

4 Legal Description

- 4.1 Various within the boundaries shown on the Plans referenced in Section 2 above.

5 Notifying the Regional Council

- 5.1 The consent holder must notify the Chief Executive of the Regional Council or delegate, in writing, no less than five working days prior to the start of any work resulting in the dredging or disturbance of the seabed or deposition of a substance in the coastal marine area (CMA). Notification at this time must include details of who is responsible for on site management and compliance with

consent conditions (see Advice Note 2).

Advice Note: *The CMA is defined as the foreshore, seabed, coastal water and airspace above the water of which the landward boundary is the line of mean high water spring, except where that line crosses a river, then the landward boundary is the lesser of one kilometre upstream or a distance five times the width of the river mouth.*

- 5.2 Within 30 working days of completion of any stormwater related works authorised under this consent, the consent holder must submit a Statement, signed by a suitably qualified person (e.g. coastal ecologist, Chartered Professional Engineer or a suitably qualified engineer approved by the Chief Executive of the Regional Council or delegate), to certify that the works have been undertaken in accordance with best practice.

6 Dredging, Disturbance and Deposition in the Coastal Marine Area

- 6.1 Any erosion or scour of the foreshore or seabed resulting from works authorised by this consent must be effectively stabilised.
- 6.2 Prior to the commencement of any dredging, disturbance and deposition works the consent holder must provide to the Chief Executive of the Regional Council or delegate a Works Plan, prepared and certified by a suitably qualified and experienced person(s). The Works Plan certification must include, but not be limited to confirmation that:
- (a) The work methodology meets best practice;
 - (b) The work methodology minimises foreshore and seabed disturbance;
 - (c) The volume and area of any proposed dredging is appropriate;
 - (d) The disturbance is temporary in nature and that any potential adverse ecological effects will be appropriately avoided, remedied or mitigated.
- 6.3 Dredging provided for in condition 6.2 must be limited to the minimum area and volume required for the clearance of accumulated sediments at stormwater outlets to maintain their conveyance capacity and must not exceed 100 cubic metres per outlet for any single dredging event.
- 6.4 Works involving the dredging or disturbance of the seabed and deposition of material in the CMA must be overseen by a suitably qualified engineer, coastal ecologist or other suitably qualified person.

7 Signage

- 7.1 Prior to the commencement of works authorised under this consent, the consent holder must erect a prominent sign adjacent to the entrance of site works, and maintain it throughout the period of the works. The sign must clearly display, as a minimum, the following information:
- (a) The name of the project;
 - (b) The name of the main site contractor;
 - (c) A 24 hour contact telephone number for the consent holder or appointed agent;
 - (d) A clear explanation that the contact telephone number is for the purpose of receiving complaints and information from the public about dust nuisance or any other problem resulting from the exercise of this consent.

8 Review of Conditions

- 8.1 The Regional Council may, on completion of any environmental impact investigation or compliance report that shows there is an adverse effect on the environment as a result of any dredging, disturbance or deposition works in the CMA, serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this

consent. The purpose of such a review is to assess the need for additional mitigation, monitoring, or remedial works, as appropriate.

9 Term of Consent

9.1 This consent shall expire on 30 May 2055.

10 Resource Management Charges

10.1 The consent holder shall pay the Bay of Plenty Regional Council such charges as are fixed from time to time by the Regional Council in accordance with section 36 of the Resource Management Act 1991.

11 The Consent

11.1 The Consent hereby authorised is granted under the Resource Management Act 1991 and does not constitute an authority under any other Act, Regulation or Bylaw.

Advice Notes

- 1 This consent does not authorise the holder to modify or disturb any archaeological or historic sites within the area affected by this consent. Should any artefacts, bones or any other sites of archaeological or cultural significance be discovered within the area affected by this operation, written authorisation should be obtained from the Heritage New Zealand Pouhere Taonga before any damage, modification or destruction is undertaken.
- 2 Reporting and notification required by conditions of this consent shall be directed (in writing) to the Manager Pollution Prevention, Bay of Plenty Regional Council, PO Box 364, Whakatane or fax 0800 884 882 or email notify@boprc.govt.nz. This notification shall include the consent number RM17-0121.
- 3 The Regional Council Pollution Hotline Number is 0800 884 883.
- 4 The consent holder is responsible for ensuring that all contractors carrying out works under this consent are made aware of the relevant consent conditions, plans and associated documents.
- 5 The consent holder is advised that non-compliance with consent conditions may result in enforcement action against the consent holder and/or their contractors.

Bay of Plenty Regional Council

Resource Consent

Pursuant to the Resource Management Act 1991, the **Bay of Plenty Regional Council**, by a decision dated 17 July 2020, **hereby grants**:

A resource consent:

- **Under section 12(2)(a) of the Resource Management Act 1991 and Rule SO13 of the Regional Coastal Environment Plan to undertake a discretionary activity being to occupy space in the Coastal Marine Area**

subject to the following conditions:

1 Purpose

- 1.1 The purpose of this resource consent is to authorise:
- a) The occupation of space in the Coastal Marine Area by stormwater infrastructure; and
 - b) The use and maintenance of stormwater infrastructure in the Coastal Marine Area.

2 Location

- 2.1 The urban catchments covered by this consent include:
- i. The Te Puna West urban area, as indicated on the Plan titled Te Puna West Urban Stormwater Catchment, Figure 4, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/1; and
 - ii. The Minden urban area, as indicated on the Plan titled Minden Urban Stormwater Catchment, Figure 5, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/2.

3 Map Reference

- 3.1 Stormwater structures which are authorised under this consent are listed in Appendix C: Central Catchment Existing Stormwater Assets (Te Puna and Minden Catchments), WBOPDC 2017, attached to the document titled Western Bay of Plenty Integrated Catchment Management Plan, prepared by AECOM, dated 6 March 2017 and submitted in support of the application (hereafter referred to as the 'AECOM document').

4 Legal Description

- 4.1 Various within the boundaries shown on the Plans referenced in Section 2 above.

5 Occupation of Space in the Coastal Marine Area (CMA)

- 5.1 The consent holder must ensure that discharge structures in the CMA authorised by this consent do not impede public access to the CMA, except where the restriction of access is necessary to ensure public health and safety.

- 5.2 The consent holder must maintain all discharge structures in the CMA authorised by this consent in a structurally sound state.

6 Term of Consent

- 6.1 This consent shall expire on 30 May 2055.

7 Resource Management Charges

- 7.1 The consent holder shall pay the Bay of Plenty Regional Council such charges as are fixed from time to time by the Regional Council in accordance with section 36 of the Resource Management Act 1991.

8 The Consent

- 8.1 The Consent hereby authorised is granted under the Resource Management Act 1991 and does not constitute an authority under any other Act, Regulation or Bylaw.

Bay of Plenty Regional Council

Resource Consent

Pursuant to the Resource Management Act 1991, the **Bay of Plenty Regional Council**, by a decision dated 17 July 2020, **hereby grants**:

A resource consent:

- **(d) Under section 15(1) of the Resource Management Act and Rule CD 9 of the Bay of Plenty Regional Coastal Environment Plan, for a discretionary activity to discharge stormwater to coastal water and to the Coastal Marine Area**
- **(a) Under section 15(1) of the Resource Management Act 1991 and Rule DW R21 of the Bay of Plenty Regional Natural Resources Plan, for a restricted discretionary activity, being to discharge stormwater to water within the central urban areas of the Western Bay of Plenty District; and**
- **(b) Under section 15(1) of the Resource Management Act 1991 and Rule DW R23 of the Bay of Plenty Regional Natural Resources Plan, for a restricted discretionary activity to discharge stormwater from the central urban areas of the Western Bay of Plenty District, to land where it may enter water; and**
- **(c) Under section 15(1) of the Resource Management Act 1991 and Rule DW R8 of the Bay of Plenty Regional Natural Resources Plan, for a discretionary activity to discharge stormwater from the central urban areas of the Western Bay of Plenty District, to water and into or onto land in circumstances which may result in contaminants entering water; and**

subject to the following conditions:

1 Purpose

1.1 The purpose of this resource consent is:

- a) To authorise the discharge of stormwater from within the central urban areas (refer to condition 2) of the Western Bay of Plenty District;
- b) To authorise temporary discharges of sediment contaminated stormwater from earthworks related to the replacement of stormwater infrastructure; and
- c) To incorporate existing stormwater discharges authorised under current resource consents held by the Western Bay of Plenty District Council in the central catchments of Western Bay District, being 20815 and 21188.

Advice Note: *For clarity, the purpose of this consent does not include:*

- a) Discharges of contaminated stormwater from industrial and trade premises. Contaminant discharges from industrial and trade premises are to be authorised by the Regional Council.*
- b) The discharge of stormwater from greenfield development sites and new subdivisions. These activities will require authorisation by a third party resource consent, which may be transferred to the Western Bay of Plenty District Council thereafter.*

2 Location

2.1 The urban catchments covered by this consent include:

- i. The Te Puna West urban area, as indicated on the Plan titled Te Puna West Urban Stormwater Catchment, Figure 4, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/1; and

ii. The Minden urban area, as indicated on the Plan titled Minden Urban Stormwater Catchment, Figure 5, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/2.

3 Map Reference

- 3.1 Stormwater structures which are authorised under this consent are listed in Appendix C: Central Catchment Existing Stormwater Assets (Te Puna and Minden Catchments), WBOPDC 2017, attached to the document titled Western Bay of Plenty Integrated Catchment Management Plan, prepared by AECOM, dated 6 March 2017 and submitted in support of the application (hereafter referred to as the '**AECOM document**').

4 Legal Description

- 4.1 Various within the boundaries shown on the Plans referenced in Section 2 above.

5 Notifying the Regional Council

- 5.1 The consent holder must notify the Chief Executive of the Regional Council or delegate, in writing, within 10 working days after the grant of this consent the details of who is responsible for management of the stormwater network and compliance with the conditions of this consent (see Advice Note 2).
- 5.2 The consent holder must notify the Chief Executive of the Regional Council or delegate, in writing within 48 hours of becoming aware of all spills, accidents or similar incidents that result in contaminants entering the stormwater network authorised under this consent. Such notification shall be undertaken by contacting the Regional Council Pollution Hotline (see Advice Note 3).
- 5.3 In addition to the requirements of Condition 5.2, the consent holder must immediately notify the Chief Executive of the Regional Council or delegate as soon as it becomes aware of incidents involving large contaminant inputs into the stormwater network which, are likely to have significant adverse impacts on a freshwater or marine receiving environment, examples of which may include after reasonable mixing:
- the production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials
 - conspicuous change in the colour or visual clarity
 - emission of objectionable odour
 - the rendering of fresh water unsuitable for consumption by farm animals
 - any significant adverse effects on aquatic life

6 Notify by contacting the Regional Council Pollution Hotline (Advice Note 3) Stormwater Management

- 6.1 Stormwater must be managed in general accordance with the latest version of the following standards and Guidelines:
- a) The Bay of Plenty Regional Council Hydrological and Hydraulic Guidelines;
 - b) The Stormwater Strategy for the Bay of Plenty Region and the Stormwater Management Guidelines for the Bay of Plenty Region;
 - c) The New Zealand Building Code;
 - d) Any alternative standards certified as appropriate by the Chief Executive of the Regional Council or delegate.
- 6.2 Discharges from all new stormwater infrastructure and any upgrades of existing stormwater infrastructure must meet the following design criteria:
- a) Overland flow paths must allow the passage of a future 2% AEP (Q50) storm event without floodwater entering buildings (refer item e below);

- b) The primary reticulated stormwater network must have capacity to hold the future 20% AEP (Q5) storm event, in accordance with the Western Bay of Plenty Development Code (refer item e below);
- c) Stormwater infrastructure upgrades must not cause or exacerbate flooding by constricting waterways, recognised floodplains or overland flow-paths;
- d) Stormwater model downstream design boundaries must meet the criteria set out in the Regional Hydrological and Hydraulic Guidelines;
- e) Rainfall design must use NIWA HIRDS V4, or an alternative certified by the Chief Executive of the Regional Council or delegate, and include climate change to 2090;
- f) In the absence of catchment wide analysis any upgrades of existing stormwater infrastructure must result in a peak design stormwater discharge of no more than 80% of the pre-development peak stormwater discharge for the 1% AEP (Q100) storm event;
- g) Any upgrades of existing stormwater infrastructure must result in a peak design stormwater discharge of no more than 100% of the pre-development peak stormwater discharge for the 50% AEP (Q2) and 10% AEP (Q10) storm events;
- h) Scour and erosion protection of outlets, streams, channels and overland flow paths must cater for at least the 5% AEP (Q20) storm event flows without damage to the erosion protection; Scour and erosion protection of spillways for ponds must cater for at least the full design storm event flows without damage to the erosion protection;
- i) Upgrades of existing stormwater infrastructure involving ponds and embankments (and their foundations) used to hold water must be designed and PS1 and PS4 Producer Statements certified by a Chartered Professional Engineer;
- j) Where upgrades of existing stormwater infrastructure involve ponds, the ponds must be provided with a spillway to carry the 1% AEP (Q100) flood with a minimum of 0.5 metre embankment freeboard;
- k) Any upgrades of existing stormwater infrastructure must result in stormwater system discharges being treated using a method consistent with the standards and guidelines in condition 6.1 that traps at least 75% of the contributing catchment's long-term sediment discharge;
- l) Elevated water temperature in ponds and open channels must be mitigated where practical by riparian planting;
- m) Structures in the beds of waterways must not restrict flows or cause more than localised increases in flow velocities to any more than a minor extent, nor impede fish passage;
- n) Alterations to natural/existing waterways resulting from upgrades of existing stormwater infrastructure must be designed to avoid a net loss of aquatic habitat area or a reduction in aquatic habitat quality. This includes degraded or modified aquatic habitats. Where it is not practical to avoid a net loss of aquatic habitat or a reduction in habitat quality, the residual loss or reduction must be offset through the creation or enhancement of aquatic habitat in the same catchment. Any proposed offsets must be certified by the Chief Executive of the Regional Council or delegate; or
- o) Any alternative design criteria approved by the Chief Executive of the Regional Council or delegate.

- 6.3 New stormwater infrastructure must be designed by a suitably qualified Chartered Professional Engineer or a suitably qualified engineer approved by the Chief Executive of the Regional Council or delegate.
- 6.4 The consent holder must provide a signed completion certificate from a suitably qualified Chartered Professional Engineer, or a suitably qualified engineer approved by the Chief Executive of the Regional Council or delegate, to verify that any new stormwater infrastructure meets the design criteria set in condition 6.2 or any alternative design criteria approved by the Chief Executive of the Regional Council or delegate in accordance with condition 6.2(o).
- 6.5 The consent holder must implement the following general principles of stormwater management (refer Advice Note 6):
 - a) To encourage and, where appropriate for new development or redevelopment, require the use of Low Impact Design solutions as a preferred option to stormwater management, where this is

practicable;

Advice Note: *Examples of Low Impact Design Solutions may include, but are not limited to the use of grassed swales and rain gardens for stormwater treatment and flow attenuation.*

- b) The avoidance or mitigation of erosion resulting from the discharge of stormwater;
 - c) The use of ground soakage as a preferred option for the disposal of stormwater from roofs of buildings where such soakage does not exacerbate subsurface instability;
 - d) The use of indigenous and site appropriate riparian planting to achieve improved water quality and habitat outcomes. Riparian planting should provide for erosion control while not impeding channel capacity, flows or stormwater system maintenance;
 - e) The creation, enhancement, protection and use of wetlands to achieve improved water quality and biodiversity outcomes;
 - f) The use of stormwater detention ponds to provide treatment and attenuation of stormwater where other low impact design solutions are not practicable.
 - g) The Combined Quantity and Quality Measures set out in section 7.1 of the AECOM document.
-
- 6.6 The consent holder must undertake flood prediction modelling, within two years of granting this consent, on a catchment basis that includes climate change factors to 2090, to be included in the Catchment Management Plan required by condition 7.2 (refer Advice Note 7).
 - 6.7 The consent holder must undertake flood prediction modelling on a six yearly basis thereafter, as a tool to assess the effects of urban expansion, changes in stormwater management and stormwater infrastructure upgrades. Revised flood maps based on this modelling must be added to the CMP as part of each six yearly CMP review.
 - 6.8 Flood mitigation and reduction measures to address flood risk identified through the modelling required by condition 6.6, must be scheduled on a risk and priority basis in the consent-holder's Long Term Plan (budget) and Asset Management Plan (works).
 - 6.9 Any new urban development incorporated into this consent must not increase downstream flooding and must provide for stormwater treatment prior to the discharge into a water body.
 - 6.10 All existing stormwater network assets authorised by this consent must be mapped in a GIS database, within 12 months of the granting of this consent, and be made available to the Chief Executive of the Regional Council or delegate on request. All stormwater assets implemented following the issuing of this resource consent shall be mapped in a GIS database, within 12 months of installation.
 - 6.11 The schedule of works identified in the Asset Management Plan shall be linked to the GIS database required by condition 6.10 and be made available to the Chief Executive of the Regional Council or delegate on request.
 - 6.12 The consent holder must ensure that all stormwater ponds are maintained so as to retain their initial design capacity at all times, to the satisfaction of the Chief Executive of the Regional Council or delegate.
 - 6.13 The consent holder must ensure that all treatment devices, including, but not limited to debris deflectors, catchpits, swales and constructed wetlands are maintained in sound operating condition at all times, to the satisfaction of the Chief Executive of the Regional Council or delegate.
 - 6.14 All sediment and debris removed from stormwater treatment systems and ponds as a result of maintenance operations must be removed off-site to an authorised facility or placed in a suitable location where it cannot re-enter a water body.

7 Catchment Management Plan

- 7.1 Within 12 months of the commencement of this consent, the consent holder must complete, and provide to the Chief Executive of the Regional Council or delegate for certification, ecology reports for the Te Puna West and Minden/Te Rangituanehu urban catchments. The reports must include:
- (a) substantiated (surveyed) descriptions of the receiving environments in each catchment (freshwater and estuarine), including a description of the ephemeral and perennial habitat conditions in the streams;
 - (b) an assessment of the potential effects on the flora and fauna;
 - (c) an invertebrate community survey;
 - (d) a fish survey;
 - (e) a sediment survey, including an analysis of heavy metal levels present;
 - (f) an assessment of the sensitivity of the receiving environment.
- 7.2 Within 24 months of the commencement of this consent, the consent holder must complete, and provide to the Chief Executive of the Regional Council or delegate for certification, the Te Puna West and Minden/Te Rangituanehu Urban Stormwater Catchment Management Plan to ensure consistency with the conditions of this consent. The Te Puna West and Minden/Te Rangituanehu Urban Stormwater Catchment Management Plan must also include the following:
- a) An updated contaminant load model;
 - b) An assessment of the environmental effects associated with the recommended protection methods and the opportunities to mitigate any identified effects, including but not limited to:
 - i. Flooding effects, including reference to the findings of the modelling report required by condition 6.6; and
 - ii. Ecological effects, including reference to the findings of the ecology reports required by condition 7.1.
 - iii. A schedule of the monitoring and survey work to be undertaken over the term of the CMP, addressing, as a minimum, the matters identified in condition 7.1.
- 7.3 The consent holder must manage the urban catchments in general accordance with the certified Catchment Management Plan.
- 7.4 The certified Catchment Management Plan must thereafter be reviewed and updated to reflect land use changes and urban development within the catchments and the requirements of this consent, on a six yearly basis. Upon completion of a review, the reviewed CMP must be provided to the Chief Executive of the Regional Council or delegate for certification.
- 7.5 The Catchment Management Plan required under condition 7.2, and subsequent versions, must include:
- a) Identification of catchment stormwater management issues, effects, options and mitigation.
 - b) The statutory and non-statutory mechanisms used in the Catchment Management Plan to achieve compliance with the conditions of this consent. These mechanisms may include:
 - i. Relevant objectives, policies and performance standards in the Long Term Plan;
 - ii. Works and standards identified in the Annual Plan;
 - iii. Relevant bylaws; and
 - iv. Relevant codes, standards and guidelines.
 - c) An accurate asset register, which includes:

- i. Location of stormwater outlets and treatment devices;
- ii. All stormwater assets, including the reticulated network, all open channels, ponds, constructed wetlands, treatment devices and overland flow paths;
- iii. An assessment of the condition of each asset;
- iv. The flood conveyance capacity of the reticulated network, including all open channels and overland flow paths;
- v. A priority rating for scheduled upgrades based on the asset condition (iii) and conveyance capacity (iv) or flood risk alleviation measures;
- vi. Maintenance requirements for each stormwater asset; and
- vii. An inspection, maintenance and works schedule planned for the next six years.

The asset register shall be updated annually.

d) A **Mitigation Plan** that identifies all areas of the catchment, including the receiving environment, that require any form of mitigation from the effects of urban stormwater discharges. Mitigation may include, but is not limited to: low impact design upgrades, erosion protection, flood protection, and riparian planting. The identified mitigation must be prioritised and scheduled for the next 6 year period.

e) A **Monitoring Plan**, including monitoring locations, duration and frequency of monitoring, and reasonable mixing zones. The locations shall be provided on a map with GIS co-ordinates. The Monitoring Plan shall include monitoring of the discharge quality of representative stormwater discharges and representative receiving environment sediment and macroinvertebrate conditions (biotic indices), freshwater and estuarine.

f) Identification of areas developed for urban related activities in the past 6 year period and areas available for future urban development;

g) All available data collected on rainfall events/frequency;

h) Updated flood maps and identification of measures undertaken to avoid, remedy, mitigate or manage any actual and potential adverse effects arising from the flood events (this may be included in the Mitigation Plan);

i) An incident management and reporting procedure;

j) A summary of any contaminant source investigations undertaken in the past 6 year period and how stormwater management will address both short and long term issues for any stormwater discharge quality trigger value exceedances;

k) Details of any planned industry or community education and awareness programmes, and any other communications with stakeholders;

l) Where available and applicable, details of the cultural values of iwi and hapū with mana whenua within the catchment area and the related receiving environment (including as expressed in any Iwi/Hapū Management Plans that have been lodged with the Regional Council), and details of how such cultural values are integrated into stormwater management in that area;

m) A list of discharge and structure consents which have been transferred to the consent holder, since this CSC consent was granted.

- 7.6 New stormwater infrastructure to be included in the CMP must clearly identified in each six-yearly review of the CMP.
- 7.7 The Monitoring Plan required by condition 7.5(e) must be prepared, and certified as appropriate for the catchment and the receiving environment, by a suitably qualified environmental scientist(s).
- 7.8 Any update to the Monitoring Plan, Asset Management Plan or Mitigation Plan shall be forwarded to the Chief Executive of the Regional Council or delegate for certification that the plan is consistent with the conditions of this consent, prior to implementation.

Advice Note: Certification by the Regional Council will be undertaken by the following Regional Council staff or contracted staff:

- a) Plans relating to water quantity, e.g. Stormwater infrastructure design, modelling, erosion protection structures, will be certified by a suitably qualified engineer.*
- b) Proposals, plans and designs relating to stormwater treatment will be certified by a suitably qualified environmental engineer and/ or environmental specialist.*
- c) Monitoring Plans, monitoring results trend analysis and proposed mitigation relating to effects on the receiving aquatic environment and the coastal marine environment will be undertaken by a suitably qualified ecologist.*
- d) Monitoring Plans, monitoring results and trends relating to stormwater quality and instream water quality will be undertaken by a suitably qualified environmental specialist.*
- e) The overall Catchment Management Plan and plan reviews will be certified as complete by the Regional Council Compliance Officer after the various components listed in a) to d) above have been certified by the relevant experts.*

8 Stormwater Quality

- 8.1 Where the quality of stormwater discharged exceeds the trigger levels listed in Table 1 of Appendix A to this consent after reasonable mixing, the consent holder must implement the actions identified in condition 9.3 within a timeframe agreed with the Chief Executive of the Regional Council or delegate.
- 8.2 Where sediment in the receiving environment into which stormwater is discharged exceeds the trigger levels listed in Table 2 of Appendix A to this consent, the consent holder must implement the actions identified in condition 9.3 within a timeframe agreed with the Chief Executive of the Regional Council or delegate.
- 8.3 The consent holder may amend the trigger values in Appendix A to be consistent with any amendments to the water quality classifications in the Regional Natural Resources Plan or the inclusion of any new standard in the National Policy Statement for Freshwater Management or national environmental standards, provided that the amended values are certified by the Regional Council Chief Executive or delegate, prior to implementation.
- 8.4 No stormwater discharge resulting from the exercise of this consent, shall result in any of the following after reasonable mixing:
 - a) The production of conspicuous oil or grease films, scums or foams, or floatable or suspended materials;
 - b) Any conspicuous change in the colour or visual clarity; and
 - c) Any emission of objectionable odour; and
 - d) Any significant adverse effects on aquatic life; and
 - e) The natural temperature of the water being changed by more than three degrees Celsius; and
 - f) Aquatic organisms being rendered unsuitable for human consumption by the presence of contaminants.

9 Discharge Monitoring and Reporting

- 9.1 The consent holder must undertake monitoring, including sampling and analysis, of stormwater discharge quality in accordance with a monitoring plan which has been prepared in accordance with the conditions of this consent.
- 9.2 The Monitoring Plan required by condition 7.5(e) must include the following specifications:
 - a) Representative samples of stormwater discharges, including to establish baseline levels, which must include the following locations:

- i. Upstream of each “discharge” point;
 - ii. Downstream of each “discharge” point in the freshwater receiving environment (after accounting for reasonable mixing within the zone as identified in the Catchment Management Plan, Monitoring Plan);
 - iii. In coastal water (below MHWS).
- b) Representative sediment samples, including to establish baseline levels, which must be taken at a depth of sediment not greater than 2cm and composed of not less than 10 sub-samples taken from a minimum of 5 metres of stream length at the discharge, upstream and downstream locations identified in condition 9.2(a). Analysis for metals shall be undertaken at trace detection level. Representative sediment sampling shall be undertaken on an annual basis.
- c) All sampling under (a) must be undertaken within 30 minutes of the commencement of a storm event, where practicable, but no later than 60 minutes after the commencement of the storm event.
- d) If after three consecutive years of sampling in accordance with conditions 9.2 (a) and 9.2(b), without exceedance of trigger levels, the number of sampling locations may be reviewed to determine if this can be reduced, and the findings of the review shall be included in the annual report (required by condition 9.5) submitted to the Regional Council. The review shall specifically consider the level of additional urban development undertaken and proposed within the catchment. Discretion to reduce the monitoring requirements shall rest entirely with the Chief Executive of the Regional Council, or delegate.
- e) If after five consecutive years of sampling in accordance with conditions 9.2(a) and 9.2(b), without exceedance of trigger levels, the frequency of sampling may be reviewed to determine if this can be reduced to six monthly, and the findings of the review shall be included in the annual report submitted to the Regional Council. The review shall specifically consider the level of additional urban development undertaken and proposed within the catchment. Discretion to reduce the monitoring requirements shall rest entirely with the Chief Executive of the Regional Council, or delegate.
- f) Within 12 months of the completion of wastewater reticulation in Te Puna, and annually thereafter, sampling of faecal indicator bacteria, microbial sources and nutrient concentrations and shellfish flesh must be undertaken at Te Puna West drains. If after 5 years of annual sampling, trend analysis confirms the contaminant levels have been eliminated from the receiving environment then Consent Holder may seek from the Chief Executive of the Regional Council for the requirement for ongoing sampling to be deleted. Discretion to reduce the monitoring requirements shall rest entirely with the Chief Executive of the Regional Council, or delegate.
- g) Annual measurements, or recording via approved digital format, of the stream channel width downstream of representative urban stormwater discharges into receiving freshwater streams as a stream bank erosion indicator. The exact location(s) of the channel measurements must be provided to the Regional Council Chief Executive within 12 months of granting this consent (Map and GPS Co-ordinates). All subsequent measurements must be taken annually at the same location(s).
- h) Investigations of the cause of any streambank erosion or scour that has resulted in any increase of 5% or more in stream channel width from the grant of this consent.
- i) All water and sediment analyses must be carried out by an IANZ registered laboratory.
- j) All macroinvertebrate surveys must be undertaken by a suitably qualified and experienced ecologist.

9.3 In the event that receiving environment monitoring identifies that any water quality and sediment contaminant trigger value referred to in conditions 8.1 and 8.2 respectively is exceeded, a second sample shall be taken within 2 months. If any trigger value referred to in conditions 8.1 or 8.2 are exceeded in three consecutive sampling results for the same site, the consent holder must undertake a contaminant source investigation within 3 months of the third exceedance and submit a report to the Regional Council Chief Executive or delegate detailing:

- a) The potential source(s) of high contaminant loads within the catchment of the respective network;
- b) The options available to limit the further discharge of the high contaminant loads into the respective network;
- c) The ability to implement potential remedial options as outlined in (b) above;

- d) The selection of specific remedial option(s) to address the breach(es) in trigger levels;
 - e) Additional monitoring requirements to further characterise the discharge and/or post implementation of the remedial option(s) to establish compliance with trigger levels; and
 - f) The timeline for implementation of the selected remedial option(s) and/or monitoring.
- 9.4 The consent holder must implement the selected remedial options as per the timeline identified in the report provided under condition 9.3.
- 9.5 The consent holder must submit to the Regional Council Chief Executive or delegate an **Annual Report**, covering:
- a) A summary of any monitoring undertaken including an analysis of the monitoring results;
 - b) Any stormwater network or stormwater infrastructure upgrade works undertaken;
 - c) Any stormwater induced erosion, flood risk alleviation, or stormwater quality mitigation measures implemented;
 - d) Any incidents resulting in unanticipated contaminants entering the stormwater network, the investigation of the cause of the incidents and any remedial actions implemented to avoid a repeat occurrence of the incident;
 - e) An updated Asset Register; and
 - f) Any new structures to be included in the consent (Asset Register).
- 9.6 Following each review of the Te Puna West and Minden/Te Rangituanehu Urban Stormwater Catchment Management Plan required by Condition 7.4, the consent holder must provide to the Regional Council a **Catchment Management Overview Report** to accompany the Catchment Management Plan Review, on a 6 yearly basis, from the date of granting of this consent (Refer Advice Note 9).
- The Overview Report must include, but not be limited to:
- a) An assessment of the catchment flood risk indicating improvements over time;
 - b) A summary of any stormwater network upgrades and mitigation measures implemented, including treatment devices and low impact design improvements and specifically progress in achieving the requirements of condition 6.2(k);
 - c) An assessment of the effectiveness of previous mitigation methods and identification of any changes from previous methods used, including:
 - a. Use of Low Impact Design solutions;
 - b. Use of wide grassed swales for stormwater treatment and flow attenuation;
 - c. Use of appropriate riparian planting where practicable, to achieve improved water quality and habitat outcomes.
 - d) State of the receiving environment monitoring and trends;
 - e) A list of consents transferred to this consent;
 - f) A schedule of any changes to the Catchment Management Plan.

10 Review of Consent Conditions

- 10.1 The Regional Council may, on receipt of a 6 yearly Catchment Management Overview Report or upon receiving notice of any exceedance of the trigger values in Appendix A, serve notice on the consent holder under s.128(1)(a)(ii) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this consent. The purpose of such a review is to assess the need for additional monitoring or treatment of stormwater, or to require an environmental impact investigation, if appropriate.

- 10.2 The Regional Council may, on completion of any environmental impact investigation or compliance report that shows there is a decline in the habitat quality or ecological value of the receiving environment, as a result of a stormwater discharge authorised by this CSC, serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this consent. The purpose of such a review is to assess the need for a review of a Catchment Management Plan, or additional monitoring, treatment, discharge control conditions or erosion protection relating to stormwater discharges authorised by this CSC, as appropriate.
- 10.3 The Regional Council may serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review condition 6.2 of this consent, to align the design criteria for new infrastructure with any updated criteria required to manage climate change effects.
- 10.4 The Regional Council may serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the trigger limits set in Appendix A to this consent, to align with any limits set in National Policy Statement(s), National Environmental Standards or regulations, or an Operative Regional Plan.
- 10.5 The Regional Council may, on completion of any environmental impact investigation or compliance report that shows the stormwater discharge is causing erosion in the receiving environment, including stream channel widening or scour, serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this consent. The purpose of such a review is to assess the need for additional monitoring, modelling and remedial action.

11 Term of Consent

- 11.1 This consent shall expire on 30 May 2055.

12 Resource Management Charges

- 12.1 The consent holder must pay the Bay of Plenty Regional Council such administrative charges as are fixed from time to time by the Regional Council in accordance with section 36 of the Resource Management Act 1991.

13 The Consent

- 13.1 The Consent hereby authorised is granted under the Resource Management Act 1991 and does not constitute an authority under any other Act, Regulation or Bylaw.

Advice Notes

- 1 This consent does not authorise the holder to modify or disturb any archaeological or historic sites within the area affected by this consent. Should any artefacts, bones or any other sites of archaeological or cultural significance be discovered within the area affected by this operation, written authorisation should be obtained from the Heritage New Zealand Pouhere Taonga before any damage, modification or destruction is undertaken.
- 2 Reporting and notification required by conditions of this consent must be directed (in writing) to the Manager Pollution Prevention, Bay of Plenty Regional Council, PO Box 364, Whakatane or fax 0800 884 882 or email notify@boprc.govt.nz. This notification shall include the consent number RM17-0121.
- 3 The Regional Council Pollution Hotline Number is 0800 884 883.
- 4 The consent holder is responsible for ensuring that all contractors carrying out works under this consent are made aware of the relevant consent conditions, plans and associated documents.

- 5 The consent holder is advised that non-compliance with consent conditions may result in enforcement action against the consent holder and/or their contractors.
- 6 It is recommended that the Western Bay of Plenty District Council's Development Code be updated to require stormwater treatment and low impact design.
- 7 Modelling of stormwater should include a nested design storm that includes the full range of design intensities up to 24 hours and downstream boundary conditions should be selected in accordance with the BOPRC Hydrological and Hydraulic Guidelines. Note that this is at peak tide and a dynamic downstream boundary may be necessary for design of some systems.
- 8 Stormwater quality samples should be taken within the first 30 minutes of a storm event to capture the first flush and freshwater receiving environment sampling is the most representative if taken during the storm event, where it is practical to do so.
- 9 The Catchment Overview Report (condition 9.5) is intended as a summary of the catchment management outcomes for the past six years, whereas the CMP Review and updated CMP document (condition 7.4) shall set out how the catchment will be managed in the upcoming six year period.
- 10 This consent does not authorise discharges into the consent holder's system from high risk facilities/sites as identified in Schedule 4 of the Regional Natural Resources Plan unless a separate discharge consent is obtained, transferred to the consent holder, and included as part of this comprehensive stormwater consent.
- 11 Existing privately held discharge consents do not form part of this consent unless transferred to the consent holder.
- 12 On granting of this consent the consent holder is advised to provide a signed surrender form to the Regional Council for the surrender of all current stormwater discharge consents held by the consent holder (listed in Table 6 of the AECOM document).
- 13 Where rivers or streams are integrated into the primary stormwater system, the design criteria downstream of that point must be as per the Hydrological and Hydraulic Guidelines.
- 14 Future review/update of the Western Bay of Plenty District Council's Development Code should take into account climate change effects to 2090.

Bay of Plenty Regional Council

Resource Consent

Pursuant to the Resource Management Act 1991, the **Bay of Plenty Regional Council**, by a decision dated 17 July 2020, **hereby grants**:

A resource consent:

- (a) Under section 9(2)(a) of the Resource Management Act and Rule LM R4 of the Bay of Plenty Regional Water and Land Plan to undertake a discretionary activity being to carry out earthworks in the coastal margin, between 0 to 20 metres from the Coastal Marine Area
- (b) Under section 9(2)(a) of the Resource Management Act 1991 and Rule LM R8 of the Bay of Plenty Regional Natural Resources Plan to undertake a controlled activity being the land and soil disturbance by vegetation clearance in an ephemeral flowpath not in the erosion hazard zone; and
- (c) Under section 9(2)(a) of the Resource Management Act 1991 and Rule WL R9 of the Bay of Plenty Regional Natural Resources Plan to undertake a discretionary activity being the modification of wetlands

subject to the following conditions:

1 Purpose

1.1 A purpose of this resource consent is to authorise:

- a) Earthworks associated with the maintenance, installation or reconstruction of stormwater infrastructure in the coastal margin;
- b) Vegetation clearance associated with the maintenance or installation of stormwater infrastructure, within ephemeral flowpaths or in the coastal margin;
- c) Earthworks associated with the maintenance of wetlands.

Advice Note: For clarity, the purpose of this consent does not include earthworks associated with the construction of artificial water bodies (wetlands).

2 Location

2.1 The urban catchments covered by this consent include:

- i. The Te Puna West urban area, as indicated on the Plan titled Te Puna West Urban Stormwater Catchment, Figure 4, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/1; and
- ii. The Minden urban area, as indicated on the Plan titled Minden Urban Stormwater Catchment, Figure 5, Rev. A, dated 11 May 2015, prepared by AECOM, referenced as B.O.P.R.C. Plan No. RM17-0121/2.

3 Map Reference

3.1 Stormwater structures which are authorised under this consent are listed in Appendix C: Central Catchment Existing Stormwater Assets (Te Puna and Minden Catchments), WBOPDC 2017, attached to the document titled Western Bay of Plenty Integrated Catchment Management Plan, prepared by AECOM, dated 6 March 2017 and submitted in support of the application (hereafter referred to as the 'AECOM document').

4 Legal Description

- 4.1 Various within the boundaries shown on the Plans referenced in Section 2 above.

5 Notifying the Regional Council

- 5.1 The consent holder must notify the Chief Executive of the Regional Council or delegate, in writing, no less than five working days prior to the start of any earthworks in the coastal margin or the start of any vegetation removal in an ephemeral flow path that is not in the erosion hazard zone. Notification at this time must include details of who is responsible for on site management and compliance with consent conditions (see Advice Note 2).
- 5.2 The consent holder must notify the Chief Executive of the Regional Council or delegate within five working days of completion of any earthworks in the coastal margin and the completion of any vegetation removal in an ephemeral flow path that is not in the erosion hazard zone.

6 Earthworks and Vegetation Clearance

- 6.1 Earthworks in the coastal margin authorised by this consent must not exceed an area of 100 square metres and a volume of 50 cubic metres per “event” to install, maintain, or reconstruct stormwater related infrastructure.
- 6.2 For any earthworks or vegetation removal authorised by this consent, the consent holder must submit an erosion and sediment control plan to the Regional Council no later than five working days prior to the commencement of the works, for certification.

Advice Note: *The purpose of the certification of the erosion and sediment control plan is that it meets the requirements of the Regional Council’s “Erosion and Sediment Control Guidelines for Land Disturbing Activities,” or its successor.*

- 6.3 Erosion and sediment controls must be installed prior to the commencement of works.
- 6.4 Additional erosion and sediment controls must be installed, if directed to do so by the Chief Executive of the Regional Council or delegate.
- 6.5 The consent holder must ensure that there is no tracking of material off-site.
- 6.6 Any vegetation removed must either be removed from the site, or placed in a manner that ensures it will not be mobilised by stormwater into a watercourse, obstructs or diverts the flow of water, or causes erosion or instability of the banks or beds of any watercourse.
- 6.7 For the removal of any exotic plant species that pose a biosecurity risk, the consent holder must submit a removal methodology and disposal plan to the Chief Executive of the Regional Council or delegate for certification.
- 6.8 Any earthworks site or vegetation removal site must be stabilised on completion of the works.

7 Review of Conditions

- 7.1 The Regional Council may, on completion of any environmental impact investigation or compliance report, that shows there is an adverse effect on the environment as a result of the works undertaken, serve notice on the consent holder under s.128(1)(a)(i) and/or (iii) of the Resource Management Act 1991 of its intention to review the conditions of this consent. The purpose of such a review is to provide for additional controls, as appropriate.

8 Term of Consent

8.1 This consent shall expire on 30 May 2055.

9 Resource Management Charges

9.1 The consent holder shall pay the Bay of Plenty Regional Council such charges as are fixed from time to time by the Regional Council in accordance with section 36 of the Resource Management Act 1991.

10 The Consent

10.1 The Consent hereby authorised is granted under the Resource Management Act 1991 and does not constitute an authority under any other Act, Regulation or Bylaw.

Advice Notes

- 1 Except as provided for by consented activity (a) above, all other earthworks required for the maintenance or installation of the reticulated stormwater network, which are not authorised by this consent, must be undertaken in accordance with the permitted earthworks rules of the Regional Natural Resources Plan or be authorised through a resource consent.
- 2 This consent does not authorise the holder to modify or disturb any archaeological or historic sites within the area affected by this consent. Should any artefacts, bones or any other sites of archaeological or cultural significance be discovered within the area affected by this operation, written authorisation should be obtained from Heritage New Zealand Pouhere Taonga before any damage, modification or destruction is undertaken.
- 3 Reporting and notification required by conditions of this consent must be directed (in writing) to the Manager Pollution Prevention, Bay of Plenty Regional Council, PO Box 364, Whakatane or fax 0800 884 882 or email notify@boprc.govt.nz. This notification shall include the consent number RM17-0121.
- 4 The Regional Council Pollution Hotline Number is 0800 884 883.
- 5 The consent holder is responsible for ensuring that all contractors carrying out works under this consent are made aware of the relevant consent conditions, plans and associated documents.
- 6 The consent holder is advised that non-compliance with consent conditions may result in enforcement action against the consent holder and/or their contractors.