Environmental Protection Authority
Te Mana Rauhī Taiao

Notice of Requirement (Designation) Form

For office use only:
PO Box 10720
The Terrace
Wellington 6143

Application number: .....

Date received: .....

It is recommended that information requirements are discussed with EPA staff before the matter is lodged with the EPA. Contact details are (04) 439 7713 or 0800 CALL EPA.

All the information relating to the matter which is lodged with the EPA will be available to the public.

Part I: Notice of Requirement by Minister, Local Authority, or Requiring Authority for Designation or Alteration of Designation

Sections 145, 168(1), (2) and 181 and clause 4 of Schedule 1, Resource Management Act 1991
This part of the form reflects the information requirements of Form 18.

To the Environmental Protection Authority (EPA)

NZ Transport Agency gives notice of a requirement for a designation for a public work (or for a project or work or in respect of any land, water, subsoil, or airspace where a restriction is necessary for the safe or efficient functioning or operation of a public work or a project or work).

Additional information that will help to process your application:

Please tick which of the below options for a requiring authority apply:

☐ a Minister of the Crown

☐ a local authority

☒ a network utility operator approved as a requiring authority under section 167 of the RMA. Please provide the Gazette Notice reference approving the applicant as a requiring authority:

Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994. Gazette Notice contained in Appendix 1 of AEE report (Volume 1).

Describe the site to which the requirement applies as it is commonly known and in a way that will enable it to be easily identified eg,:

- the street address
- the legal description
- proximity to any well-known landmark

- grid reference.

Include the page number(s) where the above information is included (eg, Volume 1, pages 1 to 10):

Refer to the land requirement plans and schedule LR00-21 (Volume 4).

Give details of the nature of the proposed public work (or project or work). Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

The construction, operation and maintenance of the Transmission Gully Main Alignment and the Kenepuru Link Road (being components of the Transmission Gully Project). Refer to Part D of the AEE report (Volume 1).

Give details of the nature of the proposed restrictions that would apply. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

Refer to Chapter 29 of the AEE report (Volume 1).

Additional information that will help to process your application:

Please tick whether restrictions will apply to the designation:

☐ no restrictions/conditions on the designation are proposed

☒ restrictions/conditions applying to the designation are proposed

☐ changes to the existing restrictions/conditions applying to the designation are proposed.

Give details of the effects that the public work (or project or work) will have on the environment, and the ways in which any adverse effects will be mitigated. Include the page number(s) where the above information is included (eg, Volume 1, pages 1 to 10):

Refer to Parts G and H of the AEE report (Volume 1).

Give details of the extent to which alternative sites, routes, and methods have been considered. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

Refer to Part E of the AEE report (Volume 1).

Give details of the reasons why the public work (or project or work) and the designation (or alteration) are reasonably necessary for achieving the objectives of the requiring authority. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

Refer to Chapter 2 of the AEE report (Volume 1).

Give details of any resource consents that are needed for the proposed activity and have (or have not) been applied for. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10), or N/A if resource consents are not needed for the proposed activity:

Refer to Chapter 3 of the AEE report (Volume 1).

Give details of the consultation (or No consultation) that has been undertaken with parties that are likely to be affected. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

Refer to Part F of the AEE report (Volume 1).

Attach information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

- Volume 1: Assessment of Environmental Effects report, including:

  - Part A: Introduction and background to the Project
  - Part B: Statutory context
  - Part C: Description of the environment
  - Part D: Description of the Project
  - Part E: Consideration of alternatives
  - Part F: Consultation
  - Part G: Assessment of effects on the environment
  - Part H: Management of environmental effects
  - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Part II: Matter Lodged With the EPA

Sections 145, 148 and 149ZB, Resource Management Act 1991
This part of the form reflects the information requirements of Form 16A.

To the Environmental Protection Authority (EPA)

Insert full name of person lodging the matter (the applicant):
NZ Transport Agency

Provide a description of the proposal to which the matter relates. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

The construction, operation and maintenance of the Transmission Gully Main Alignment and the Kenepuru Link Road (being components of the Transmission Gully Project). Refer to Part D of the AEE report (Volume 1).

List the relevant local authorities for the matter lodged:

Kapiti Coast District Council, Upper Hutt City Council, Porirua City Council and Wellington City Council

This information accompanies:

☐ 1 or more of the following applications for a resource consent

☐ 1 or more of the following applications for a change to or cancellation of the conditions of a resource consent

☐ 1 or more of the following requests for the preparation of a regional plan

☐ 1 or more of the following changes to a plan

☐ 1 or more of the following variations to a proposed plan

☒ 1 or more of the following notices of requirement for a designation or to alter a designation

☐ 1 or more of the following notices of requirement for a heritage order or to alter a heritage order.

Provide details of the matter or matters. Please include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

ENVIRONMENTAL PROTECTION AUTHORITY

Refer to Section 3.4 of the AEE report (Volume 1).

The matter consists of one or more applications for resource consent, or an application to change or cancel the conditions of a resource consent, or a notice of requirement to alter a designation, or a notice of requirement to alter a heritage order, and relates to an activity that is part of a proposal of national significance in relation to which one or more matters have already been subject to a direction under section 142(2) or 147(1)(a) or (b) (please tick):

☒ yes

☐ no

Additional information that will help us in processing your application:

If yes, please provide the following information to identify the matter for which a direction by the Minister under section 142(2) or 147(1)(a) or (b) has been made:

Project name: Transmission Gully Plan Change

EPA reference number: EP/PCTG/02/03

EPA Project Leader: Sally Baguley

The matter relates (please tick one):

☐ wholly to the coastal marine area

☐ partly to the coastal marine area

☒ does not relate to the coastal marine area.

Please note, if the matter relates wholly to the coastal marine area references to the Minister in this form should be read as the Minister of Conservation. If the matter relates to the coastal marine area in part, references to the Minister in this form should be read as the Minister for the Environment and Minister of Conservation.

Please confirm that you wish the Minister to make a direction under section 147(1)(a) or (b) to refer the matter to a board of inquiry or to the Environment Court for decision, on the grounds that the matter is or is part of a matter of national significance. Please indicate your preference (tick):

☒ a direction to refer the matter to a board of inquiry

☐ a direction to refer the matter to the Environment Court.

Please note the Minister will only direct the matter to a board of inquiry or the Environment Court for decision if they consider that the matter is, or is part of, a proposal of national significance. In deciding whether a matter is, or is part of, a proposal of national significance the Minister may have regard to any relevant factor, including the factors set out in section 142(3) of the RMA.

It would be helpful for you to indicate whether, in your view, any of the following factors are relevant to this matter (tick factors of relevance):

☒ the matter has aroused widespread public concern or interest regarding its actual or likely effect on the environment (including the global environment)

☒ the matter involves, or is likely to involve, significant use of natural and physical resources

☒ the matter affects, or is likely to affect, a structure, feature, place, or area of national significance

☐ the matter affects, or is likely to affect, or is relevant to, New Zealand's international obligations to the global environment

☒ the matter results, or is likely to result, in or contribute to, significant or irreversible changes to the environment (including the global environment)

☐ the matter involves, or is likely to involve, technology, processes, or methods that are new to New Zealand and that may affect its environment

☐ the matter is, or is likely to be, significant in terms of section 8

☒ the matter will assist the Crown in fulfilling its public health, welfare, security, or safety obligations or functions

☒ the matter affects, or is likely to affect, more than one region or district

☒ the matter relates to a network utility operation that extends or is proposed to extend to more than one district or region

☒ other relevant factor(s).

On 10 September 2010 the Minister for the Environment made a direction that the Project is a proposal of national significance. Refer to Section 1.6 of the AEE report (Volume 1).

Please provide reasons why you consider that the selected factors support your application to have a direction made in relation to the matter. Please include the page number(s) where these reasons are provided (eg, Volume 1, pages 1 to 10) in the application documents or with references to other correspondence sent to the EPA:

Not applicable. The Transmission Gully Project has been accepted as a proposal of natioal significance under Part 6AA of the Resource Management Act 1991.

Please provide the further views of the applicant regarding whether the matter should be referred to a board of inquiry or the Environment Court and any other recommendations sought as to the course of action. Please include the page number(s) where these reasons are provided (eg, Volume 1, pages 1 to 10):

The NZTA requests that the matter be directed to a board of inquiry made up of the same people as the board of inquiry which the NZTA's request for a change to Regional Freshwater Plan was directed to. Refer to Section 1.6 of the AEE report (Volume 1).

Please note that the applicant's views will be considered but will not determine the recommendation of the EPA or the Minister's direction.

Part III: Additional Optional Information

This part of the form includes additional information that will help in processing the application.

If would be helpful to provide the following information:

- a list of the local authorities under whose administrative jurisdiction resource consent is required, and any staff members that the proposal has been discussed with. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):

Resource consents are required under Wellington regional plans. A list of resource consents applied for is contained in Chapter 3 of the AEE report (Volume 1). Refer to Chapter 10 of the AEE report (Volume 1).

- if the requiring authority is not the owner of the land to which the requirement applies, please attach details of all property owners and occupiers. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):

Refer land requirement plans and land requirement schedule, LR00-20 (Volume 4).

Part IV: Signature

I hereby certify that, to the best of my knowledge and belief, the information given in this application is true and correct.

I understand that the EPA can recover its actual and reasonable costs associated with processing this application.

Signature of applicant (or person authorised to sign on behalf of application) Date 2/8/11

Address for service: NZ Transport Agency

Telephone: 64 4 931 8906

Email: greg.lee@nzta.govt.nz

Fax: 64 4 894 3305

Contact person: Greg Lee, Senior Resource Planner (RoNS)

Additional contact information that would help us process your application:

Additional contact representative: Nicky McIndoe

Service (ie, legal): Chapman Tripp, legal counsel to the NZTA

Address: PO Box 993, WELLINGTON 6140

Telephone: 64 4 498 6371

Email: nicky.mcindoe@chapmantripp.com

Fax: 64 4 472 7111

Billing address:

Telephone:

Email:

Fax:

Contact person:

Note to person giving notice

You must pay any charge payable to the territorial authority for the requirement or alteration to the requirement under the Resource Management Act 1991.

You may be required to pay actual and reasonable costs incurred in dealing with this matter. You should refer to section 149ZD of the Resource Management Act 1991 for further details.

You must serve the relevant local authority with notice of this matter together with notice of its lodgement with the Environmental Protection Authority.

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EPA: 13

Environmental Protection Authority
Te Mana Rauhī Taiao

Resource Consent Form

For office use only:
PO Box 10720
The Terrace
Wellington 6143

Application number: .....

Date received: .....

It is recommended that information requirements are discussed with EPA staff before the matter is lodged with the EPA. Contact details are (04) 439 7713 or 0800 CALL EPA.

All the information relating to the matter which is lodged with the EPA will be available to the public.

Part I: Application for Resource Consent

Sections 145 (1) (a) and (5), Section 88 and Schedule 4, Resource Management Act 1991
This part of the form reflects the information requirements of Form 9.

To the Environmental Protection Authority (EPA)

NZ Transport Agency (NZTA) applies for the following type(s) of resource consent (please tick all that apply):

☐ coastal permit

1 or more of the following:

☒ land-use consent

☐ subdivision consent

☒ water permit

☒ discharge permit.

Provide a description of the activity to which the application relates. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

The construction, operation and maintenance of the Transmission Gully Main Alignment and the Kenepuru Link Road (being components of the Transmission Gully Project). Refer to Part D of the Assessment of Environmental Effects (AEE) report (Volume 1).

Information that would help us process your application includes:

- consent type required for each activity requiring resource consent (ie, land-use consent for earthworks/discharge permit for stock effluent etc)
- detailed description of the matter requiring resource consent
- plans and elevations as necessary

- consent term/duration sought.

The names and addresses of the owner and occupier (other than the applicant) of land to which the application relates and provided on the following page(s) (eg, Volume 1, pages 1 to 10):

A list of properties and owners to which the applications relates is contained in the schedule and plans in LR00-20 (Volume 4).

Additional information that would help us process your application:

- contact details for property owner and occupier (phone, fax, email, address) (if not the applicant).

Please include the page number(s) where the above information is included, if provided (eg, Volume 1, pages 1 to 10):

The NZTA has contact details for all owners and occupiers and will provide these to the EPA. Full contact details have not been inlcuded in the lodgement documents for privacy reasons.

Describe the location of the proposed activity as it is commonly known and in a way that will enable it to be easily identified eg:

- the street address
- the legal description
- the name of any relevant stream, river or water body to which the application relates
- proximity to any well-known landmark
- grid reference.

Include the page number(s) where the above information is included (eg, Volume 1, pages 1 to 10):

A list of properties and owners to which the applications relates is contained in the schedule and plans in LR00-20 (Volume 4).

At this time the NZTA is not aware of any further resource consents which will be required for the Project. However, this will be reassessed once detailed design is complete and a contractor has been appointed.

Attach, in accordance with the Fourth Schedule of the RMA, an assessment of environmental effects in the detail that corresponds with the scale and significance of the effects that the proposed activity may have on the environment. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

Refer to the AEE report (Volume 1).

Attach any information required to be included in this application by the district plan, the regional plan, the Resource Management Act 1991, or any regulations made under that Act. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

No additional information required.

If this is an application for subdivision consent, attach information that is sufficient to adequately define:

- the position of all new boundaries
- the areas of all new allotments
- the locations and areas of new reserves to be created, including any esplanade reserves and esplanade strips
- the locations and areas of any existing esplanade reserves, esplanade strips, and access strips
- the locations and areas of land below mean high water springs of the sea, or of any part of the bed of a river or lake, to be vested in the Crown or local authority under section 237A of the Resource Management Act 1991

- the locations and areas of land to be set aside as new roads.

Include the page number(s) where this information is included if relevant (eg, Volume 1, pages 1 to 10):

Not appliciable.

If the application is for a resource consent for reclamation, please attach information to show the area proposed to be reclaimed, including its location, the position of all new boundaries, and the portion of that area (if any) to be set apart as an esplanade reserve or esplanade strip. Include the page number(s) where this information is included if relevant (eg, Volume 1, pages 1 to 10):

Proposed stream realignments are shown on the plans DR01-21 (Volume 4). The new boundaries have not yet been determined. No esplanade reserves or esplanade strips are proposed.

Part II: Matter Lodged With the EPA

Sections 145, 148 and 149ZB, Resource Management Act 1991
This part of the form reflects the information requirements of Form 16A.

To the Environmental Protection Authority (EPA)

Insert full name of person lodging the matter (the applicant):

NZ Transport Agency

Provide a description of the proposal to which the matter relates. Include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

The construction, operation and maintenance of the Transmission Gully Main Alignment and the Kenepuru Link Road (being components of the Transmission Gully Project). Refer to Part D of the AEE report (Volume 1).

List the relevant local authorities for the matter lodged:

Greater Wellington Regional Council

This information accompanies:

☒ 1 or more of the following applications for a resource consent

☐ 1 or more of the following applications for a change to or cancellation of the conditions of a resource consent

☐ 1 or more of the following requests for the preparation of a regional plan

☐ 1 or more of the following changes to a plan

☐ 1 or more of the following variations to a proposed plan

☐ 1 or more of the following notices of requirement for a designation or to alter a designation

☐ 1 or more of the following notices of requirement for a heritage order or to alter a heritage order.

Provide details of the matter or matters. Please include the page number(s) where this information is included (eg, Volume 1, pages 1 to 10):

A full list of resource cosnents sought by the NZTA is contained in Section 3.X of the AEE report (Volume 1).

The matter consists of one or more applications for resource consent, or an application to change or cancel the conditions of a resource consent, or a notice of requirement to alter a designation, or a notice of requirement to alter a heritage order, and relates to an activity that is part of a proposal of national significance in relation to which one or more matters have already been subject to a direction under section 142(2) or 147(1)(a) or (b) (please tick):

☒ yes

☐ no

Additional information that will help us in processing your application:

If Yes, please provide the following information to identify the matter for which a direction by the Minister under section 142(2) or 147(1)(a) or (b) has been made:

Project name: Transmission Gully Plan Change

EPA reference number: EP/PCTG/02/03

EPA Project Leader: Sally Baguley

The matter relates (please tick one):

☐ wholly to the coastal marine area

☐ partly to the coastal marine area

☒ does not relate to the coastal marine area.

Please note, if the matter relates wholly to the coastal marine area references to the Minister in this form should be read as the Minister of Conservation. If the matter relates to the coastal marine area in part, references to the Minister in this form should be read as the Minister for the Environment and Minister of Conservation.

Please confirm that you wish the Minister to make a direction under section 147(1)(a) or (b) to refer the matter to a board of inquiry or to the Environment Court for decision, on the grounds that the matter is or is part of a matter of national significance. Please indicate your preference (tick):

☒ a direction to refer the matter to a board of inquiry

☐ a direction to refer the matter to the Environment Court.

Please note the Minister will only direct the matter to a board of inquiry or the Environment Court for decision if they consider that the matter is, or is part of, a proposal of national significance. In deciding whether a matter is, or is part of, a proposal of national significance the Minister may have regard to any relevant factor, including the factors set out in section 142(3) of the RMA.

It would be helpful for you to indicate whether, in your view, any of the following factors are relevant to this matter (tick factors of relevance):

☒ the matter has aroused widespread public concern or interest regarding its actual or likely effect on the environment (including the global environment)

☒ the matter involves, or is likely to involve, significant use of natural and physical resources

☒ the matter affects, or is likely to affect, a structure, feature, place, or area of national significance

☐ the matter affects, or is likely to affect, or is relevant to, New Zealand's international obligations to the global environment

☒ the matter results, or is likely to result, in or contribute to, significant or irreversible changes to the environment (including the global environment)

☐ the matter involves, or is likely to involve, technology, processes, or methods that are new to New Zealand and that may affect its environment

☐ the matter is, or is likely to be, significant in terms of section 8

☒ the matter will assist the Crown in fulfilling its public health, welfare, security, or safety obligations or functions

☒ the matter affects, or is likely to affect, more than one region or district

☒ the matter relates to a network utility operation that extends or is proposed to extend to more than one district or region

☒ other relevant factor(s).

On 10 September 2010 the Minister for the Environment made a direction that the Transmission Gully Project is a proposal of national significance. Refer to Section 1.6 of the AEE report (Volume 1).

Please provide reasons why you consider that the selected factors support your application to have a direction made in relation to the matter. Please include the page number(s) where these reasons are provided (eg, Volume 1, pages 1 to 10) in the application documents or with references to other correspondence sent to the EPA:

Not applicable. The Transmission Gully Project has been accepted as a proposal of natioal significance under Part 6AA of the Resource Management Act 1991.

Please provide the further views of the applicant regarding whether the matter should be referred to a board of inquiry or the Environment Court and any other recommendations sought as to the course of action. Please include the page number(s) where these reasons are provided (eg, Volume 1, pages 1 to 10):

The NZTA requests that the matter be directed to a board of inquiry made up of the same people as the board of inquiry which the NZTA's request for a change to Regional Freshwater Plan was directed to. Refer to Section 1.6 of the AEE report (Volume 1).

Please note that the applicant's views will be considered but will not determine the recommendation of the EPA or the Minister's direction.

Part III: Additional Optional Information

This part of the form includes additional information that will help in processing the application.

If would be helpful to provide the following information:

- a list of the local authorities under whose administrative jurisdiction resource consent is required, and any staff members that the proposal has been discussed with. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):

Resource consents are required under Wellington regional plans. A list of resource consents applied for is contained in Chapter 3 of the AEE report (Volume 1).Refer to Chapter 10 of the AEE report (Volume 1).

- a record of any consultation you have undertaken with any persons who may be potentially adversely affected by the proposal. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):

Refer to Chapter 10 of the AEE report (Volume 1) and Techncial Report 22 (Volume 3).

- a list of persons who are potentially adversely affected by the proposal. If written approvals have been received from any potentially affected parties please attach these. Please include the page number(s) where this information is included, if provided (eg, Volume 1, pages 1 to 10):

Refer to Chapter 10 of the AEE report (Volume 1) and Techncial Report 22 (Volume 3). No written approvals have been obtained.

Published in May 2010 by the Environmental Protection Authority, PO Box 10720, The Terrace, Wellington 6143.
EPA: 10

Part IV: Signature

I hereby certify that, to the best of my knowledge and belief, the information given in this application is true and correct.

I understand that the EPA can recover its actual and reasonable costs associated with processing this application.

Signature of applicant (or person authorised to sign on behalf of application) Date 2/8/11

Address for service: NZ Transport Agency

Telephone: 64 4 931 8906

Email: greg.lee@nzta.govt.nz

Fax: 64 4 894 3305

Contact person: Greg Lee, Senior Resource Planner (RoNS)

Additional contact information that would help us process your application:

Additional contact representative: Nicky McIndoe

Service (ie, legal): Chapman Tripp, legal counsel to the NZTA

Address: PO Box 993, WELLINGTON 6140

Telephone: 64 4 498 6371

Email: nicky.mcindoe@chapmantripp.com

Fax: 64 4 472 7111

Billing address:

Telephone:

Email:

Fax:

Contact person:

Note to applicant

You may apply for two or more resource consents that are needed for the same activity on the same form.

You must pay the charge payable to the consent authority for the resource consent application under the Resource Management Act 1991 (if any). If the application is for a coastal permit for a restricted coastal activity, you must also pay the application fee stated in Schedule 2 of the Resource Management (Forms, Fees, and Procedure) Regulations 2003.

You may be required to pay actual and reasonable costs incurred in dealing with this matter. You should refer to section 149ZD of the Resource Management Act 1991 for further details.

If the Environmental Protection Authority determines that the application for resource consent is incomplete it may return the request.

You must serve the relevant local authority with notice of this matter together with notice of its lodgement with the Environmental Protection Authority.

Form 18

NOTICE OF REQUIREMENT BY THE NZ TRANSPORT AGENCY FOR A DESIGNATION UNDER SECTIONS 145 AND 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: Environmental Protection Authority
P O Box 10720
The Terrace
WELLINGTON 6143

From: NZ Transport Agency
PO Box 5084
WELLINGTON 6145

The NZ Transport Agency (the NZTA) gives notice of a requirement for a designation for a work, being the construction, operation and maintenance of the Transmission Gully Main Alignment (the Main Alignment) in the Kapiti Coast District (the District) (NoR 1). The work to which this requirement relates is a component of the Transmission Gully Project (the Project).

This designation is necessary to provide for the construction, operation and maintenance of the work which forms part of the Project. The Project will provide an alternative (inland) State highway between Linden (Wellington City) and MacKays Crossing (Kapiti Coast District). The Project, including the works that are the subject of this notice and the other notices and resource consents, is described in the **Part D** of the Assessment of Environmental Effects (AEE) report (Volume 1).

The site to which the requirement applies is as follows:

The site to which the requirement applies (or the land subject to this notice) is identified and legally described in the plans **LR00- 28** (Volume 4).

The nature of the proposed work is:

The works to which this requirement relates form part of the Project which is described **Part D** of the AEE report (Volume 1).

The Project is a key component of the Wellington Roads of National Significance (RoNS), which will create a high quality State highway connection from north of Levin to the Wellington Airport. The total length of the Wellington RoNS is approximately 110km.

This designation is required for the construction, operation and maintenance of a new section of State highway, located between the proposed tie-in with existing SH1 at MacKays Crossing to the southern boundary of the District at the Wainui Saddle.

The nature of the works includes the construction, operation and maintenance of the State highway and ancillary works including safety and operational services (including communications), vegetation removal, stormwater treatment, temporary construction works including storage areas and office facilities, maintenance and access areas, mitigation and restoration works, other ancillary structures and activities associated with these works. NoR 1 comprises the following specific components of the Project:

- Tie in to SH1 at MacKays Crossing;
- Two to three lanes in each direction (required, for example, to accommodate slow vehicles on steep grades) following up the Te Puka Stream valley; and
- Road located on earth embankments rising above the Te Puka Stream, with benching above.

The resource consents and other statutory authorisations required for the works are described below and/or detailed in the AEE report.

The nature of the proposed conditions that would apply are:

It is proposed that the Project will be subject to the designation conditions contained in **Chapter 29** of the AEE report (as may be confirmed or modified in the determination of this requirement). Once constructed, access to the formed State highway will be restricted and controlled to provide safe and efficient movement of traffic and associated activities that may be required for its management and maintenance.

The effects that the work will have on the environment, and ways in which any adverse effects will be mitigated, are:

The AEE report contains a description of the existing environment, an assessment of the environmental effects of the Project and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project. **Part C** of the AEE report provides a description of the existing environment. **Part G** of the AEE report provides an assessment of the actual and potential effects of the Project on the environment during its construction and operation. Actual and potential effects on the environment include (discussed further in the identified AEE report chapters):

- *Traffic and transport effects* - Impacts on the transportation network during construction and effects on operation as a result of the Project (**Chapter 13**).
- *Land use and property effects* - Effects on land owners whose property is required for the designation, and consideration of effects on publicly owned open space, and wider land use patterns (**Chapter 14**).
- *Effects on network utilities* - Various network utilities are affected by the Project and require protection and/or relocation. These include: electricity transmission and distribution, gas transmission and distribution, water supply, stormwater and wastewater, telecommunications (**Chapter 15**).
- *Noise and vibration effects* - Impacts from noise and vibration emitted from the Project during construction and operation (**Chapter 16**).
- *Effects on air quality* - Effects associated with emissions, including impacts from construction emissions (e.g. dust) and vehicle emissions to air during operation (**Chapter 17**).
- *Effects associated with contaminated land* - Effects of historical land uses and intrusive testing of known sites (**Chapter 18**).
- *Hydrology and water quality effects* - Management of site works during construction (e.g. staging, erosion and sediment control), the ongoing discharge of contaminants in stormwater during the operation of the State highway, and flooding effects created as a result of the Project's construction (**Chapters 19 and 20**).
- *Effects on ecology* - Effects of the project on streams, vegetation, herpetology, avifauna and marine ecology, including the effects of stream realignment and related effects on fauna and habitats during

construction and operation of the Project (**Chapters 21, 22 and 23**).

- *Tangata whenua effects* - Effects of the Project during construction and operation on tangata whenua values (**Chapter 24**).
- *Landscape and visual effects* - Visual and landscape effects, including amenity impacts during construction and operation (**Chapter 25**).
- *Effects on archaeology and built heritage* - Impacts of construction and operation on sites and areas of heritage and historic value (**Chapter 26**).
- *Social effects* - Impacts of the construction and operation of the Project on communities, neighbourhoods and specific local facilities such as schools, churches and community centres etc. (**Chapter 27**).

The AEE report draws on information provided in the technical assessments (contained in Volume 3). **Chapter 11** also provides a summary of the actual and potential environmental effects of the Project.

Part H of the AEE report outlines proposed mitigation measures and proposed designation conditions. A variety of mitigation measures are proposed to mitigate the actual and potential adverse effects identified.

Alternative sites, routes and methods have been considered to the following extent:

Part E of the AEE report contains an assessment of alternatives sites, routes and methods considered for the Project.

The assessment of alternatives has provided the NZTA with information which has assisted it in identifying its preferred alignment for the Project.

The work and designation are reasonably necessary for achieving the objectives of the requiring authority because:

The works

The NZTA's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "*to undertake its functions in a way that contributes to an affordable, integrated, safe, responsive, and sustainable land transport system*". The works, as part of the Project, will assist the NZTA in meeting this objective.

The NZTA's objectives for the works, as part of the Project, are:

- to provide an alternative strategic link for Wellington that improves regional network security;
- to assist in remedying the safety concerns of, and projected capacity problems on, the existing State Highway 1 by providing a safe and reliable route between Linden and MacKays Crossing in an environmentally sustainable manner;
- to assist in enabling wider national economic development by providing a cost-optimised route that better provides for the through movement of freight and people; and
- to assist integration of the land transport system by enabling the existing State Highway 1 to be

developed into a safe multi-functional alternative to the proposed strategic link.

The works, as part of the Project will contribute to those objectives by providing:

- improved route security and resilience of the Wellington region's State highway network;
- improved safety performance as compared to the existing State Highway 1 between Linden and MacKays Crossing;
- reduced travel times along many key routes and increased accessibility across many parts of the region's road network; and
- economic development as a result of travel time savings and increased accessibility.

The designation

The NZTA was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994, notified in the Gazette on 3 March 1994. A copy of this Notice is contained in **Appendix A** of the AEE report. As a network utility operator and a requiring authority under section 167 of the RMA, the NZTA may designate land, water, subsoil or airspace for the "*construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Roading Powers] Act 1989*".

This designation is necessary as it will secure land required for the Project and will enable the NZTA to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the NZTA to achieve its principal objective under the LTMA;
- It is necessary for the NZTA to achieve the specific Project objectives and to facilitate the benefits of other projects within the Wellington RoNS programme;
- It will allow the NZTA and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Kapiti Coast District Plan (KCDP);
- It will allow the land required to be identified in the KCDP, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

The following resource consents are needed for the proposed activity and have been applied for concurrently with this notice:

Land use consents, for:

- roading and tracking activities;

- the use, erection and placement of new structures (culverts, bridge support structures, erosion protection structures, stormwater pipes and outfall structures) in river beds;
- the disturbance of river beds; and
- the reclamation of river beds.

Water permits, for:

- the diversion of water.

Discharge permits, for:

- the discharge of chemically treated sediment laden water (from construction) to land;
- the discharge of chemically treated sediment laden water (from construction) to water; and
- the discharge of contaminants (from concrete batching) to air and land.

The following consultation has been undertaken with parties that are likely to be affected:

Extensive consultation has been undertaken with the community and key stakeholders, including directly affected landowners. Consultation with some stakeholders has a long history, due to the considerable length of time the Project has been proposed for. **Part F** of the AEE report provides a record of the consultation process undertaken, feedback received and how this was considered in the development of the Project.

The key aspects of the consultation undertaken are:

- It has kept stakeholders and the community informed of the Project as it has developed;
- Due to the long history of the Project, there is a relatively high degree of familiarity among key stakeholders and the general public about the general concept of the Project;
- The majority of key stakeholders support the Project and there is good support for the Project from the general public, although opposition from some groups and individuals is acknowledged;
- Stakeholders and the community have had an opportunity to provide feedback on the Project's form and mitigation measures and the NZTA has considered and responded to issues and concerns that have been identified;
- Consultation has recognised and utilised community knowledge and resources in the identification of environmental effects to consider;
- Consultation feedback has been taken into account in decision-making throughout the process; and
- The NZTA has considered and responded to issues and concerns raised during the consultation process.

Ongoing consultation is proposed during the construction period and provision is made for this in the proposed mitigation and monitoring contained in **Part H** of the AEE report.

Lapse period for the designation:

The NZTA seeks a lapse period of 15 years for the designation, pursuant to section 184(1)(c) of RMA. This

period provides sufficient time for the NZTA to give effect to the works including undertaking land purchase negotiations, detailed design and construction of the proposed Project, and it allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

The NZTA attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991:

- Volume 1: Assessment of Environmental Effects report, including:
    - Part A: Introduction and background to the Project
    - Part B: Statutory context
    - Part C: Description of the environment
    - Part D: Description of the Project
    - Part E: Consideration of alternatives
    - Part F: Consultation
    - Part G: Assessment of effects on the environment
    - Part H: Management of environmental effects
    - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Plans identifying the land subject to this notice of requirement and a schedule of properties affected by this requirement are contained in plans **LR00- 20** (Volume 4).

Signature of person giving notice (or person authorised to sign on behalf of person giving notice):

.....

Rod James

State Highway Manager - Wellington, NZ Transport Agency

Signed for and on behalf of the **NZ Transport Agency**

2/8/11

.....

Date

Address for service: NZ Transport Agency
Attention: Greg Lee
Level 8, PSIS House
20 Ballance Street
PO Box 5084
WELLINGTON 6145

Telephone: 64 4 931 8906

Facsimile: 64 4 894 3305

Email: greg.lee@nzta.govt.nz

Form 18

NOTICE OF REQUIREMENT BY THE NZ TRANSPORT AGENCY FOR A DESIGNATION UNDER SECTIONS 145 AND 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: Environmental Protection Authority
P O Box 10720
The Terrace
WELLINGTON 6143

From: NZ Transport Agency
PO Box 5084
WELLINGTON 6145

The NZ Transport Agency (the NZTA) gives notice of a requirement for a designation for a work, being the construction, operation and maintenance of the Transmission Gully Main Alignment (the Main Alignment) in Upper Hutt City (the District) (NoR 2). The work to which this requirement relates is a component of the Transmission Gully Project (the Project).

This designation is necessary to provide for the construction, operation and maintenance of the work which forms part of the Project. The Project will provide an alternative (inland) State highway between Linden (Wellington City) and MacKays Crossing (Kapiti Coast District). The Project, including the works that are the subject of this notice and the other notices and resource consents, is described in the **Part D** of the Assessment of Environmental Effects (AEE) report (Volume 1).

The site to which the requirement applies is as follows:

The site to which the requirement applies (or the land subject to this notice) is identified and legally described in the plans **LR00- 20** (AEE report Volume 4).

The nature of the proposed work is:

The works to which this requirement relates form part of the Project which is described **Part D** of the AEE report (Volume 1).

The Project is a key component of the Wellington Roads of National Significance (RoNS), which will create a high quality State highway connection from north of Levin to the Wellington Airport. The total length of the Wellington RoNS is approximately 110km.

The nature of the works includes the construction, operation and maintenance of the State highway and ancillary works including safety and operational services (including communications), vegetation removal, stormwater treatment, temporary construction works including storage areas and office facilities, maintenance and access areas, mitigation and restoration works, other ancillary structures and activities associated with these works. The works within the District comprise benched earthworks.

The resource consents and other statutory authorisations required for the works are described below and/or detailed in the AEE report.

The nature of the proposed conditions that would apply are:

It is proposed that the Project will be subject to the designation conditions contained in **Chapter 29** of the AEE report (as may be confirmed or modified in the determination of this requirement). Once constructed, access to the formed State highway will be restricted and controlled to provide safe and efficient movement of traffic and associated activities that may be required for its management and maintenance.

The effects that the work will have on the environment, and ways in which any adverse effects will be mitigated, are:

The AEE report contains a description of the existing environment, an assessment of the environmental effects of the Project and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project. **Part C** of the AEE report provides a description of the existing environment. **Part G** of the AEE report provides an assessment of the actual and potential effects of the Project on the environment during its construction and operation. Actual and potential effects on the environment include (discussed further in the identified AEE report chapters):

- *Traffic and transport effects* - Impacts on the transportation network during construction and effects on operation as a result of the Project (**Chapter 13**).
- *Land use and property effects* - Effects on land owners whose property is required for the designation, and consideration of effects on publicly owned open space, and wider land use patterns (**Chapter 14**).
- *Effects on network utilities* - Various network utilities are affected by the Project and require protection and/or relocation. These include: electricity transmission and distribution, gas transmission and distribution, water supply, stormwater and wastewater, telecommunications (**Chapter 15**).
- *Noise and vibration effects* - Impacts from noise and vibration emitted from the Project during construction and operation (**Chapter 16**).
- *Effects on air quality* - Effects associated with emissions, including impacts from construction emissions (e.g. dust) and vehicle emissions to air during operation (**Chapter 17**).
- *Effects associated with contaminated land* - Effects of historical land uses and intrusive testing of known sites (**Chapter 18**).
- *Hydrology and water quality effects* - Management of site works during construction (e.g. staging, erosion and sediment control), the ongoing discharge of contaminants in stormwater during the operation of the State highway, and flooding effects created as a result of the Project's construction (**Chapters 19 and 20**).
- *Effects on ecology* - Effects of the project on streams, vegetation, herpetology, avifauna and marine ecology, including the effects of stream realignment and related effects on fauna and habitats during construction and operation of the Project (**Chapters 21, 22 and 23**).
- *Tangata whenua effects* - Effects of the Project during construction and operation on tangata whenua values (**Chapter 24**).
- *Landscape and visual effects* - Visual and landscape effects, including amenity impacts during construction and operation (**Chapter 25**).
- *Effects on archaeology and built heritage* - Impacts of construction and operation on sites and areas of heritage and historic value (**Chapter 26**).
- *Social effects* - Impacts of the construction and operation of the Project on communities,

neighbourhoods and specific local facilities such as schools, churches and community centres etc. (**Chapter 27**).

The AEE report draws on information provided in the technical assessments (contained in Volume 3). **Chapter 11** also provides a summary of the actual and potential environmental effects of the Project.

Part H of the AEE report outlines proposed mitigation measures and proposed designation conditions. A variety of mitigation measures are proposed to mitigate the actual and potential adverse effects identified.

Alternative sites, routes and methods have been considered to the following extent:

Part E of the AEE report contains an assessment of alternatives sites, routes and methods considered for the Project.

The assessment of alternatives has provided the NZTA with information which has assisted it in identifying its preferred alignment for the Project.

The work and designation are reasonably necessary for achieving the objectives of the requiring authority because:

The works

The NZTA's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "*to undertake its functions in a way that contributes to an affordable, integrated, safe, responsive, and sustainable land transport system*". The works, as part of the Project, will assist the NZTA in meeting this objective.

The NZTA's objectives for the works, as part of the Project, are:

- to provide an alternative strategic link for Wellington that improves regional network security;
- to assist in remedying the safety concerns of, and projected capacity problems on, the existing State Highway 1 by providing a safe and reliable route between Linden and MacKays Crossing in an environmentally sustainable manner;
- to assist in enabling wider national economic development by providing a cost-optimised route that better provides for the through movement of freight and people; and
- to assist integration of the land transport system by enabling the existing State Highway 1 to be developed into a safe multi-functional alternative to the proposed strategic link.

The works, as part of the Project will contribute to those objectives by providing:

- improved route security and resilience of the Wellington region's State highway network;
- improved safety performance as compared to the existing State Highway 1 between Linden and MacKays Crossing;

- reduced travel times along many key routes and increased accessibility across many parts of the region's road network; and
- economic development as a result of travel time savings and increased accessibility.

The designation

The NZTA was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994, notified in the Gazette on 3 March 1994. A copy of this Notice is contained in **Appendix A** of the AEE report. As a network utility operator and a requiring authority under section 167 of the RMA, the NZTA may designate land, water, subsoil or airspace for the "*construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Roading Powers] Act 1989*".

This designation is necessary as it will secure land required for the Project and will enable the NZTA to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the NZTA to achieve its principal objective under the LTMA;
- It is necessary for the NZTA to achieve the specific Project objectives and to facilitate the benefits of other projects within the Wellington RoNS programme;
- It will allow the NZTA and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Upper Hutt City District Plan (UHCDP);
- It will allow the land required to be identified in the UHCDP, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

The following resource consents are needed for the proposed activity and have been applied for concurrently with this notice:

Land use consents, for:

- roading and tracking activities;
- the use, erection and placement of new structures (culverts, bridge support structures, erosion protection structures, stormwater pipes and outfall structures) in river beds;
- the disturbance of river beds; and
- the reclamation of river beds.

Water permits, for:

- the diversion of water.

Discharge permits, for:

- the discharge of chemically treated sediment laden water (from construction) to land;
- the discharge of chemically treated sediment laden water (from construction) to water; and
- the discharge of contaminants (from concrete batching) to air and land.

The following consultation has been undertaken with parties that are likely to be affected:

Extensive consultation has been undertaken with the community and key stakeholders, including directly affected landowners. Consultation with some stakeholders has a long history, due to the considerable length of time the Project has been proposed for. **Part F** of the AEE report provides a record of the consultation process undertaken, feedback received and how this was considered in the development of the Project.

The key aspects of the consultation undertaken are:

- It has kept stakeholders and the community informed of the Project as it has developed;
- Due to the long history of the Project, there is a relatively high degree of familiarity among key stakeholders and the general public about the general concept of the Project;
- The majority of key stakeholders support the Project and there is good support for the Project from the general public, although opposition from some groups and individuals is acknowledged;
- Stakeholders and the community have had an opportunity to provide feedback on the Project's form and mitigation measures and the NZTA has considered and responded to issues and concerns that have been identified;
- Consultation has recognised and utilised community knowledge and resources in the identification of environmental effects to consider;
- Consultation feedback has been taken into account in decision-making throughout the process; and
- The NZTA has considered and responded to issues and concerns raised during the consultation process.

Ongoing consultation is proposed during the construction period and provision is made for this in the proposed mitigation and monitoring contained in **Part H** of the AEE report.

Lapse period for the designation:

The NZTA seeks a lapse period of 15 years for the designation, pursuant to section 184(1)(c) of RMA. This period provides sufficient time for the NZTA to give effect to the works including undertaking land purchase negotiations, detailed design and construction of the proposed Project, and it allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

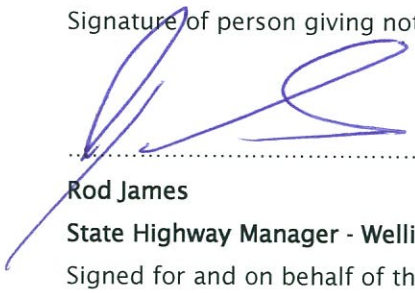
The NZTA attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991:

- Volume 1: Assessment of Environmental Effects report, including:

  - Part A: Introduction and background to the Project
  - Part B: Statutory context
  - Part C: Description of the environment
  - Part D: Description of the Project
  - Part E: Consideration of alternatives
  - Part F: Consultation
  - Part G: Assessment of effects on the environment
  - Part H: Management of environmental effects
  - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Plans identifying the land subject to this notice of requirement and a schedule of properties affected by this requirement are contained in plans **LR00- 20** (Volume 4).

Signature of person giving notice (or person authorised to sign on behalf of person giving notice):



.....

Rod James

State Highway Manager - Wellington, NZ Transport Agency

Signed for and on behalf of the **NZ Transport Agency**

2/8/11

.....

Date

Address for service: NZ Transport Agency
Attention: Greg Lee
Level 8, PSIS House
20 Ballance Street
PO Box 5084
WELLINGTON 6145

Telephone: 64 4 931 8906

Facsimile: 64 4 894 3305

Email: greg.lee@nzta.govt.nz

Form 18

NOTICE OF REQUIREMENT BY THE NZ TRANSPORT AGENCY FOR A DESIGNATION UNDER SECTIONS 145 AND 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: Environmental Protection Authority
P O Box 10720
The Terrace
WELLINGTON 6143

From: NZ Transport Agency
PO Box 5084
WELLINGTON 6145

The NZ Transport Agency (the NZTA) gives notice of a requirement for a designation for a work, being the construction, operation and maintenance of the Transmission Gully Main Alignment (the Main Alignment) in Porirua City (the District) (NoR 3). The work to which this requirement relates is a component of the Transmission Gully Project (the Project).

This designation is necessary to provide for the construction, operation and maintenance of the work which forms part of the Project. The Project will provide an alternative (inland) State highway between Linden (Wellington City) and MacKays Crossing (Kapiti Coast District). The Project, including the works that are the subject of this notice and the other notices and resource consents, is described in the **Part D** of the Assessment of Environmental Effects (AEE) report (Volume 1).

The site to which the requirement applies is as follows:

The site to which the requirement applies (or the land subject to this notice) is identified and legally described in the plans **LR00- 20** (AEE report Volume 4).

The nature of the proposed work is:

The works to which this requirement relates form part of the Project which is described **Part D** of the AEE report (Volume 1).

The Project is a key component of the Wellington Roads of National Significance (RoNS), which will create a high quality State highway connection from north of Levin to the Wellington Airport. The total length of the Wellington RoNS is approximately 110km.

The designation is required for the construction, operation and maintenance of a new section of State highway, the northern boundary of the District at the Wainui Saddle to the southern boundary of the District at Kenepuru.

The nature of the works includes the construction, operation and maintenance of the State highway and ancillary works including safety and operational services (including communications), vegetation removal, stormwater treatment, temporary construction works including storage areas and office facilities, maintenance and access areas, mitigation and restoration works, other ancillary structures and activities associated with these works. The Project comprises the following specific components within the District:

- SH58 Interchange, James Cook Interchange and Kenepuru Interchange;
- landscaping at Lanes Flat;
- the extension of Flightys Road; and
- the replacement two golf holes at the Pauatahanui Golf Course.

The resource consents and other statutory authorisations required for the works are described below and/or detailed in the AEE report.

The nature of the proposed conditions that would apply are:

It is proposed that the Project will be subject to the designation conditions contained in **Chapter 29** of the AEE report (as may be confirmed or modified in the determination of this requirement). Once constructed, access to the formed State highway will be restricted and controlled to provide safe and efficient movement of traffic and associated activities that may be required for its management and maintenance.

The effects that the work will have on the environment, and ways in which any adverse effects will be mitigated, are:

The AEE report contains a description of the existing environment, an assessment of the environmental effects of the Project and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project. **Part C** of the AEE report provides a description of the existing environment. **Part G** of the AEE report provides an assessment of the actual and potential effects of the Project on the environment during its construction and operation. Actual and potential effects on the environment include (discussed further in the identified AEE report chapters):

- *Traffic and transport effects* - Impacts on the transportation network during construction and effects on operation as a result of the Project (**Chapter 13**).
- *Land use and property effects* - Effects on land owners whose property is required for the designation, and consideration of effects on publicly owned open space, and wider land use patterns (**Chapter 14**).
- *Effects on network utilities* - Various network utilities are affected by the Project and require protection and/or relocation. These include: electricity transmission and distribution, gas transmission and distribution, water supply, stormwater and wastewater, telecommunications (**Chapter 15**).
- *Noise and vibration effects* - Impacts from noise and vibration emitted from the Project during construction and operation (**Chapter 16**).
- *Effects on air quality* - Effects associated with emissions, including impacts from construction emissions (e.g. dust) and vehicle emissions to air during operation (**Chapter 17**).
- *Effects associated with contaminated land* - Effects of historical land uses and intrusive testing of known sites (**Chapter 18**).
- *Hydrology and water quality effects* - Management of site works during construction (e.g. staging, erosion and sediment control), the ongoing discharge of contaminants in stormwater during the operation of the State highway, and flooding effects created as a result of the Project's construction (**Chapters 19 and 20**).
- *Effects on ecology* - Effects of the project on streams, vegetation, herpetology, avifauna and marine

ecology, including the effects of stream realignment and related effects on fauna and habitats during construction and operation of the Project (**Chapters 21, 22 and 23**).

- *Tangata whenua effects* - Effects of the Project during construction and operation on tangata whenua values (**Chapter 24**).
- *Landscape and visual effects* - Visual and landscape effects, including amenity impacts during construction and operation (**Chapter 25**).
- *Effects on archaeology and built heritage* - Impacts of construction and operation on sites and areas of heritage and historic value (**Chapter 26**).
- *Social effects* - Impacts of the construction and operation of the Project on communities, neighbourhoods and specific local facilities such as schools, churches and community centres etc. (**Chapter 27**).

The AEE report draws on information provided in the technical assessments (contained in Volume 3). **Chapter 11** also provides a summary of the actual and potential environmental effects of the Project.

Part H of the AEE report outlines proposed mitigation measures and proposed designation conditions. A variety of mitigation measures are proposed to mitigate the actual and potential adverse effects identified.

Alternative sites, routes and methods have been considered to the following extent:

Part E of the AEE report contains an assessment of alternatives sites, routes and methods considered for the Project.

The assessment of alternatives has provided the NZTA with information which has assisted it in identifying its preferred alignment for the Project.

The work and designation are reasonably necessary for achieving the objectives of the requiring authority because:

<u>The works</u>

The NZTA's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "*to undertake its functions in a way that contributes to an affordable, integrated, safe, responsive, and sustainable land transport system*". The works, as part of the Project, will assist the NZTA in meeting this objective.

The NZTA's objectives for the works, as part of the Project, are:

- to provide an alternative strategic link for Wellington that improves regional network security;
- to assist in remedying the safety concerns of, and projected capacity problems on, the existing State Highway 1 by providing a safe and reliable route between Linden and MacKays Crossing in an environmentally sustainable manner;
- to assist in enabling wider national economic development by providing a cost-optimised route that better provides for the through movement of freight and people; and

- to assist integration of the land transport system by enabling the existing State Highway 1 to be developed into a safe multi-functional alternative to the proposed strategic link.

The works, as part of the Project will contribute to those objectives by providing:

- improved route security and resilience of the Wellington region's State highway network;
- improved safety performance as compared to the existing State Highway 1 between Linden and MacKays Crossing;
- reduced travel times along many key routes and increased accessibility across many parts of the region's road network; and
- economic development as a result of travel time savings and increased accessibility.

The designation

The NZTA was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994, notified in the Gazette on 3 March 1994. A copy of this Notice is contained in **Appendix A** of the AEE report. As a network utility operator and a requiring authority under section 167 of the RMA, the NZTA may designate land, water, subsoil or airspace for the "*construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Roading Powers] Act 1989*".

This designation is necessary as it will secure land required for the Project and will enable the NZTA to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the NZTA to achieve its principal objective under the LTMA;
- It is necessary for the NZTA to achieve the specific Project objectives and to facilitate the benefits of other projects within the Wellington RoNS programme;
- It will allow the NZTA and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Porirua City District Plan (PCDP);
- It will allow the land required to be identified in the PCDP, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

The following resource consents are needed for the proposed activity and have been applied for concurrently with this notice:

Land use consents, for:

- roading and tracking activities;
- the use, erection and placement of new structures (culverts, bridge support structures, erosion protection structures, stormwater pipes and outfall structures) in river beds;
- the disturbance of river beds; and
- the reclamation of river beds.

Water permits, for:

- the diversion of water.

Discharge permits, for:

- the discharge of chemically treated sediment laden water (from construction) to land;
- the discharge of chemically treated sediment laden water (from construction) to water; and
- the discharge of contaminants (from concrete batching) to air and land.

The following consultation has been undertaken with parties that are likely to be affected:

Extensive consultation has been undertaken with the community and key stakeholders, including directly affected landowners. Consultation with some stakeholders has a long history, due to the considerable length of time the Project has been proposed for. **Part F** of the AEE report provides a record of the consultation process undertaken, feedback received and how this was considered in the development of the Project.

The key aspects of the consultation undertaken are:

- It has kept stakeholders and the community informed of the Project as it has developed;
- Due to the long history of the Project, there is a relatively high degree of familiarity among key stakeholders and the general public about the general concept of the Project;
- The majority of key stakeholders support the Project and there is good support for the Project from the general public, although opposition from some groups and individuals is acknowledged;
- Stakeholders and the community have had an opportunity to provide feedback on the Project's form and mitigation measures and the NZTA has considered and responded to issues and concerns that have been identified;
- Consultation has recognised and utilised community knowledge and resources in the identification of environmental effects to consider;
- Consultation feedback has been taken into account in decision-making throughout the process; and
- The NZTA has considered and responded to issues and concerns raised during the consultation process.

Ongoing consultation is proposed during the construction period and provision is made for this in the proposed mitigation and monitoring contained in **Part H** of the AEE report.

Lapse period for the designation:

The NZTA seeks a lapse period of 15 years for the designation, pursuant to section 184(1)(c) of RMA. This period provides sufficient time for the NZTA to give effect to the works including undertaking land purchase negotiations, detailed design and construction of the proposed Project, and it allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

The NZTA attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991:

- Volume 1: Assessment of Environmental Effects report, including:
  - Part A: Introduction and background to the Project
  - Part B: Statutory context
  - Part C: Description of the environment
  - Part D: Description of the Project
  - Part E: Consideration of alternatives
  - Part F: Consultation
  - Part G: Assessment of effects on the environment
  - Part H: Management of environmental effects
  - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Plans identifying the land subject to this notice of requirement and a schedule of properties affected by this requirement are contained in plans **LR00- 20** (Volume 4).

Signature of person giving notice (or person authorised to sign on behalf of person giving notice):

.....

Rod James

State Highway Manager - Wellington, NZ Transport Agency

Signed for and on behalf of the **NZ Transport Agency**

2/8/11

.....

Date

Address for service: NZ Transport Agency
Attention: Greg Lee
Level 8, PSIS House
20 Ballance Street
PO Box 5084
WELLINGTON 6145

Telephone: 64 4 931 8906

Facsimile: 64 4 894 3305

Email: greg.lee@nzta.govt.nz

Form 18

NOTICE OF REQUIREMENT BY THE NZ TRANSPORT AGENCY FOR A DESIGNATION UNDER SECTIONS 145 AND 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: Environmental Protection Authority
P O Box 10720
The Terrace
WELLINGTON 6143

From: NZ Transport Agency
PO Box 5084
WELLINGTON 6145

The NZ Transport Agency (the NZTA) gives notice of a requirement for a designation for a work, being the construction, operation and maintenance of the Transmission Gully Main Alignment (the Main Alignment) in Wellington City (the District) (NoR 4). The work to which this requirement relates is a component of the Transmission Gully Project (the Project).

This designation is necessary to provide for the construction, operation and maintenance of the work which forms part of the Project. The Project will provide an alternative (inland) State highway between Linden (Wellington City) and MacKays Crossing (Kapiti Coast District). The Project, including the works that are the subject of this notice and the other notices and resource consents, is described in the **Part D** of the Assessment of Environmental Effects (AEE) report (Volume 1).

The site to which the requirement applies is as follows:

The site to which the requirement applies (or the land subject to this notice) is identified and legally described in the plans **LR00- 20** (AEE report Volume 4).

The nature of the proposed work is:

The works to which this requirement relates form part of the Project which is described **Part D** of the AEE report (Volume 1).

The Project is a key component of the Wellington Roads of National Significance (RoNS), which will create a high quality State highway connection from north of Levin to the Wellington Airport. The total length of the Wellington RoNS is approximately 110km.

The designation is required for the construction, operation and maintenance of a new section of State highway, from the proposed tie-in with existing SH1 at Linden to the north-eastern boundary of the District.

The nature of the works includes the construction, operation and maintenance of the State highway and ancillary works including safety and operational services (including communications), vegetation removal, stormwater treatment, temporary construction works including storage areas and office facilities, maintenance and access areas, mitigation and restoration works, other ancillary structures and activities associated with these works. The Project comprises the following specific components within the District:

- the tie-in with SH1 at Linden; and
- noise barriers adjacent to residential properties and schools.

The resource consents and other statutory authorisations required for the works are described below and/or detailed in the AEE report.

The nature of the proposed conditions that would apply are:

It is proposed that the Project will be subject to the designation conditions contained in **Chapter 29** of the AEE report (as may be confirmed or modified in the determination of this requirement). Once constructed, access to the formed State highway will be restricted and controlled to provide safe and efficient movement of traffic and associated activities that may be required for its management and maintenance.

The effects that the work will have on the environment, and ways in which any adverse effects will be mitigated, are:

The AEE report contains a description of the existing environment, an assessment of the environmental effects of the Project and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project. **Part C** of the AEE report provides a description of the existing environment. **Part G** of the AEE report provides an assessment of the actual and potential effects of the Project on the environment during its construction and operation. Actual and potential effects on the environment include (discussed further in the identified AEE report chapters):

- *Traffic and transport effects* - Impacts on the transportation network during construction and effects on operation as a result of the Project (**Chapter 13**).
- *Land use and property effects* - Effects on land owners whose property is required for the designation, and consideration of effects on publicly owned open space, and wider land use patterns (**Chapter 14**).
- *Effects on network utilities* - Various network utilities are affected by the Project and require protection and/or relocation. These include: electricity transmission and distribution, gas transmission and distribution, water supply, stormwater and wastewater, telecommunications (**Chapter 15**).
- *Noise and vibration effects* - Impacts from noise and vibration emitted from the Project during construction and operation (**Chapter 16**).
- *Effects on air quality* - Effects associated with emissions, including impacts from construction emissions (e.g. dust) and vehicle emissions to air during operation (**Chapter 17**).
- *Effects associated with contaminated land* - Effects of historical land uses and intrusive testing of known sites (**Chapter 18**).
- *Hydrology and water quality effects* - Management of site works during construction (e.g. staging, erosion and sediment control), the ongoing discharge of contaminants in stormwater during the operation of the State highway, and flooding effects created as a result of the Project's construction (**Chapters 19 and 20**).
- *Effects on ecology* - Effects of the project on streams, vegetation, herpetology, avifauna and marine ecology, including the effects of stream realignment and related effects on fauna and habitats during construction and operation of the Project (**Chapters 21, 22 and 23**).

- *Tangata whenua effects* - Effects of the Project during construction and operation on tangata whenua values (**Chapter 24**).
- *Landscape and visual effects* - Visual and landscape effects, including amenity impacts during construction and operation (**Chapter 25**).
- *Effects on archaeology and built heritage* - Impacts of construction and operation on sites and areas of heritage and historic value (**Chapter 26**).
- *Social effects* - Impacts of the construction and operation of the Project on communities, neighbourhoods and specific local facilities such as schools, churches and community centres etc. (**Chapter 27**).

The AEE report draws on information provided in the technical assessments (contained in Volume 3). **Chapter 11** also provides a summary of the actual and potential environmental effects of the Project.

Part H of the AEE report outlines proposed mitigation measures and proposed designation conditions. A variety of mitigation measures are proposed to mitigate the actual and potential adverse effects identified.

Alternative sites, routes and methods have been considered to the following extent:

Part E of the AEE report contains an assessment of alternatives sites, routes and methods considered for the Project.

The assessment of alternatives has provided the NZTA with information which has assisted it in identifying its preferred alignment for the Project.

The work and designation are reasonably necessary for achieving the objectives of the requiring authority because:

<u>The works</u>

The NZTA's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "*to undertake its functions in a way that contributes to an affordable, integrated, safe, responsive, and sustainable land transport system*". The works, as part of the Project, will assist the NZTA in meeting this objective.

The NZTA's objectives for the works, as part of the Project, are:

- to provide an alternative strategic link for Wellington that improves regional network security;
- to assist in remedying the safety concerns of, and projected capacity problems on, the existing State Highway 1 by providing a safe and reliable route between Linden and MacKays Crossing in an environmentally sustainable manner;
- to assist in enabling wider national economic development by providing a cost-optimised route that better provides for the through movement of freight and people; and
- to assist integration of the land transport system by enabling the existing State Highway 1 to be

developed into a safe multi-functional alternative to the proposed strategic link.

The works, as part of the Project will contribute to those objectives by providing:

- improved route security and resilience of the Wellington region's State highway network;
- improved safety performance as compared to the existing State Highway 1 between Linden and MacKays Crossing;
- reduced travel times along many key routes and increased accessibility across many parts of the region's road network; and
- economic development as a result of travel time savings and increased accessibility.

The designation

The NZTA was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994, notified in the Gazette on 3 March 1994. A copy of this Notice is contained in **Appendix A** of the AEE report. As a network utility operator and a requiring authority under section 167 of the RMA, the NZTA may designate land, water, subsoil or airspace for the "*construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Roading Powers] Act 1989*".

This designation is necessary as it will secure land required for the Project and will enable the NZTA to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the NZTA to achieve its principal objective under the LTMA;
- It is necessary for the NZTA to achieve the specific Project objectives and to facilitate the benefits of other projects within the Wellington RoNS programme;
- It will allow the NZTA and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Wellington City District Plan (WCDP);
- It will allow the land required to be identified in the WCDP, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

The following resource consents are needed for the proposed activity and have been applied for concurrently with this notice:

Land use consents, for:

- roading and tracking activities;
- the use, erection and placement of new structures (culverts, bridge support structures, erosion protection structures, stormwater pipes and outfall structures) in river beds;
- the disturbance of river beds; and
- the reclamation of river beds.

Water permits, for:

- the diversion of water.

Discharge permits, for:

- the discharge of chemically treated sediment laden water (from construction) to land;
- the discharge of chemically treated sediment laden water (from construction) to water; and
- the discharge of contaminants (from concrete batching) to air and land.

The following consultation has been undertaken with parties that are likely to be affected:

Extensive consultation has been undertaken with the community and key stakeholders, including directly affected landowners. Consultation with some stakeholders has a long history, due to the considerable length of time the Project has been proposed for. **Part F** of the AEE report provides a record of the consultation process undertaken, feedback received and how this was considered in the development of the Project.

The key aspects of the consultation undertaken are:

- It has kept stakeholders and the community informed of the Project as it has developed;
- Due to the long history of the Project, there is a relatively high degree of familiarity among key stakeholders and the general public about the general concept of the Project;
- The majority of key stakeholders support the Project and there is good support for the Project from the general public, although opposition from some groups and individuals is acknowledged;
- Stakeholders and the community have had an opportunity to provide feedback on the Project's form and mitigation measures and the NZTA has considered and responded to issues and concerns that have been identified;
- Consultation has recognised and utilised community knowledge and resources in the identification of environmental effects to consider;
- Consultation feedback has been taken into account in decision-making throughout the process; and
- The NZTA has considered and responded to issues and concerns raised during the consultation process.

Ongoing consultation is proposed during the construction period and provision is made for this in the proposed mitigation and monitoring contained in **Part H** of the AEE report.

Lapse period for the designation:

The NZTA seeks a lapse period of 15 years for the designation, pursuant to section 184(1)(c) of RMA. This period provides sufficient time for the NZTA to give effect to the works including undertaking land purchase negotiations, detailed design and construction of the proposed Project, and it allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

The NZTA attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991:

- Volume 1: Assessment of Environmental Effects report, including:
    - Part A: Introduction and background to the Project
    - Part B: Statutory context
    - Part C: Description of the environment
    - Part D: Description of the Project
    - Part E: Consideration of alternatives
    - Part F: Consultation
    - Part G: Assessment of effects on the environment
    - Part H: Management of environmental effects
    - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Plans identifying the land subject to this notice of requirement and a schedule of properties affected by this requirement are contained in plans **LR00- 20** (Volume 4).

Signature of person giving notice (or person authorised to sign on behalf of person giving notice):

.....

Rod James

State Highway Manager - Wellington, NZ Transport Agency

Signed for and on behalf of the **NZ Transport Agency**

2/8/11

.....

Date

Address for service: NZ Transport Agency
Attention: Greg Lee
Level 8, PSIS House
20 Ballance Street
PO Box 5084
WELLINGTON 6145

Telephone: 64 4 931 8906

Facsimile: 64 4 894 3305

Email: greg.lee@nzta.govt.nz

Form 18

NOTICE OF REQUIREMENT BY THE NZ TRANSPORT AGENCY FOR A DESIGNATION UNDER SECTIONS 145 AND 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: Environmental Protection Authority
P O Box 10720
The Terrace
WELLINGTON 6143

From: NZ Transport Agency
PO Box 5084
WELLINGTON 6145

The NZ Transport Agency (the NZTA) gives notice of a requirement for a designation for a work, being the construction, operation and maintenance of the Kenepuru Link Road in Porirua City (the District) (NoR 5). The work to which this requirement relates is a component of the Transmission Gully Project (the Project).

This designation is necessary to provide for the construction, operation and maintenance of the work which forms part of the Project. The Project will provide an alternative (inland) State highway between Linden (Wellington City) and MacKays Crossing (Kapiti Coast District). The Project, including the works that are the subject of this notice and the other notices and resource consents, is described in the **Part D** of the Assessment of Environmental Effects (AEE) report (Volume 1).

The site to which the requirement applies is as follows:

The site to which the requirement applies (or the land subject to this notice) is identified and legally described in the plans **LR00- 20** (AEE report Volume 4).

The nature of the proposed work is:

The works to which this requirement relates form part of the Project which is described **Part D** of the AEE report (Volume 1).

The Project is a key component of the Wellington Roads of National Significance (RoNS), which will create a high quality State highway connection from north of Levin to the Wellington Airport. The total length of the Wellington RoNS is approximately 110km.

This designation is required for the construction, operation and maintenance of a new section of State highway, from Kenepuru Drive to the proposed Kenepuru Interchange, close to the boundary of the District.

The nature of the works includes the construction, operation and maintenance of a State highway (limited access road) and ancillary works including safety and operational services (including communications), vegetation removal, stormwater treatment, temporary construction works including storage areas and office facilities, maintenance and access areas, mitigation and restoration works, other ancillary structures and activities associated with these works. NoR 5 comprises the following specific components of the Project:

- Tie-in with Kenepuru Drive (local road network); and

- Crossing under the existing State Highway 1 and over the railway line.

The resource consents and other statutory authorisations required for the works are described below and/or detailed in the AEE report.

The nature of the proposed conditions that would apply are:

It is proposed that the Project will be subject to the designation conditions contained in **Chapter 29** of the AEE report (as may be confirmed or modified in the determination of this requirement). Once constructed, access to the formed State highway will be restricted and controlled to provide safe and efficient movement of traffic and associated activities that may be required for its management and maintenance.

The effects that the work will have on the environment, and ways in which any adverse effects will be mitigated, are:

The AEE report contains a description of the existing environment, an assessment of the environmental effects of the Project and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project. **Part C** of the AEE report provides a description of the existing environment. **Part G** of the AEE report provides an assessment of the actual and potential effects of the Project on the environment during its construction and operation. Actual and potential effects on the environment include (discussed further in the identified AEE report chapters):

- *Traffic and transport effects* - Impacts on the transportation network during construction and effects on operation as a result of the Project (**Chapter 13**).
- *Land use and property effects* - Effects on land owners whose property is required for the designation, and consideration of effects on publicly owned open space, and wider land use patterns (**Chapter 14**).
- *Effects on network utilities* - Various network utilities are affected by the Project and require protection and/or relocation. These include: electricity transmission and distribution, gas transmission and distribution, water supply, stormwater and wastewater, telecommunications (**Chapter 15**).
- *Noise and vibration effects* - Impacts from noise and vibration emitted from the Project during construction and operation (**Chapter 16**).
- *Effects on air quality* - Effects associated with emissions, including impacts from construction emissions (e.g. dust) and vehicle emissions to air during operation (**Chapter 17**).
- *Effects associated with contaminated land* - Effects of historical land uses and intrusive testing of known sites (**Chapter 18**).
- *Hydrology and water quality effects* - Management of site works during construction (e.g. staging, erosion and sediment control), the ongoing discharge of contaminants in stormwater during the operation of the State highway and flooding effects created as a result of the Project's construction (**Chapters 19 and 20**).
- *Effects on ecology* - Effects of the project on streams, vegetation, herpetology, avifauna and marine ecology, including the effects of stream realignment and related effects on fauna and habitats during construction and operation of the Project (**Chapters 21, 22 and 23**).
- *Tangata whenua effects* - Effects of the Project during construction and operation on tangata whenua

values (**Chapter 24**).

- *Landscape and visual effects* - Visual and landscape effects, including amenity impacts during construction and operation (**Chapter 25**).
- *Effects on archaeology and built heritage* - Impacts of construction and operation on sites and areas of heritage and historic value (**Chapter 26**).
- *Social effects* - Impacts of the construction and operation of the Project on communities, neighbourhoods and specific local facilities such as schools, churches and community centres etc. (**Chapter 27**).

The AEE report draws on information provided in the technical assessments (contained in Volume 3). **Chapter 11** also provides a summary of the actual and potential environmental effects of the Project.

Part H of the AEE report outlines proposed mitigation measures and proposed designation conditions. A variety of mitigation measures are proposed to mitigate the actual and potential adverse effects identified.

Alternative sites, routes and methods have been considered to the following extent:

Part E of the AEE report contains an assessment of alternatives sites, routes and methods considered for the Project.

The assessment of alternatives has provided the NZTA with information which has assisted it in identifying its preferred alignment for the Project.

The work and designation are reasonably necessary for achieving the objectives of the requiring authority because:

The works

The NZTA's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "*to undertake its functions in a way that contributes to an affordable, integrated, safe, responsive, and sustainable land transport system*". The works, as part of the Project, will assist the NZTA in meeting this objective.

The NZTA's objectives for the works, as part of the Project, are:

- to provide an alternative strategic link for Wellington that improves regional network security;
- to assist in remedying the safety concerns of, and projected capacity problems on, the existing State Highway 1 by providing a safe and reliable route between Linden and MacKays Crossing in an environmentally sustainable manner;
- to assist in enabling wider national economic development by providing a cost-optimised route that better provides for the through movement of freight and people; and
- to assist integration of the land transport system by enabling the existing State Highway 1 to be developed into a safe multi-functional alternative to the proposed strategic link.

The works, as part of the Project will contribute to those objectives by providing:

- improved route security and resilience of the Wellington region's State highway network;
- improved safety performance as compared to the existing State Highway 1 between Linden and MacKays Crossing;
- reduced travel times along many key routes and increased accessibility across many parts of the region's road network; and
- economic development as a result of travel time savings and increased accessibility.

The designation

The NZTA was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994, notified in the Gazette on 3 March 1994. A copy of this Notice is contained in **Appendix A** of the AEE report. As a network utility operator and a requiring authority under section 167 of the RMA, the NZTA may designate land, water, subsoil or airspace for the "*construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Roading Powers] Act 1989*".

This designation is necessary as it will secure land required for the Project and will enable the NZTA to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the NZTA to achieve its principal objective under the LTMA;
- It is necessary for the NZTA to achieve the specific Project objectives and to facilitate the benefits of other projects within the Wellington RoNS programme;
- It will allow the NZTA and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Porirua City District Plan (PCDP);
- It will allow the land required to be identified in the PCDP, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

The following resource consents are needed for the proposed activity and have been applied for concurrently with this notice:

Land use consents, for:

- roading and tracking activities;

- the use, erection and placement of new structures (culverts, bridge support structures, erosion protection structures, stormwater pipes and outfall structures) in river beds;
- the disturbance of river beds; and
- the reclamation of river beds.

Water permits, for:

- the diversion of water.

Discharge permits, for:

- the discharge of chemically treated sediment laden water (from construction) to land;
- the discharge of chemically treated sediment laden water (from construction) to water; and
- the discharge of contaminants (from concrete batching) to air and land.

The following consultation has been undertaken with parties that are likely to be affected:

Extensive consultation has been undertaken with the community and key stakeholders, including directly affected landowners. Consultation with some stakeholders has a long history, due to the considerable length of time the Project has been proposed for. **Part F** of the AEE report provides a record of the consultation process undertaken, feedback received and how this was considered in the development of the Project.

The key aspects of the consultation undertaken are:

- It has kept stakeholders and the community informed of the Project as it has developed;
- Due to the long history of the Project, there is a relatively high degree of familiarity among key stakeholders and the general public about the general concept of the Project;
- The majority of key stakeholders support the Project and there is good support for the Project from the general public, although opposition from some groups and individuals is acknowledged;
- Stakeholders and the community have had an opportunity to provide feedback on the Project's form and mitigation measures and the NZTA has considered and responded to issues and concerns that have been identified;
- Consultation has recognised and utilised community knowledge and resources in the identification of environmental effects to consider;
- Consultation feedback has been taken into account in decision-making throughout the process; and
- The NZTA has considered and responded to issues and concerns raised during the consultation process.

Ongoing consultation is proposed during the construction period and provision is made for this in the proposed mitigation and monitoring contained in **Part H** of the AEE report.

Lapse period for the designation:

The NZTA seeks a lapse period of 15 years for the designation, pursuant to section 184(1)(c) of RMA. This

period provides sufficient time for the NZTA to give effect to the works including undertaking land purchase negotiations, detailed design and construction of the proposed Project, and it allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

The NZTA attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991:

- Volume 1: Assessment of Environmental Effects report, including:
    - Part A: Introduction and background to the Project
    - Part B: Statutory context
    - Part C: Description of the environment
    - Part D: Description of the Project
    - Part E: Consideration of alternatives
    - Part F: Consultation
    - Part G: Assessment of effects on the environment
    - Part H: Management of environmental effects
    - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Plans identifying the land subject to this notice of requirement and a schedule of properties affected by this requirement are contained in plans **LR00- 20** (Volume 4).

Signature of person giving notice (or person authorised to sign on behalf of person giving notice):

.....

Rod James

State Highway Manager - Wellington, NZ Transport Agency

Signed for and on behalf of the **NZ Transport Agency**

2/8/11

.....

Date

Address for service: NZ Transport Agency
Attention: Greg Lee
Level 8, PSIS House
20 Ballance Street
PO Box 5084
WELLINGTON 6145

Telephone: 64 4 931 8906

Facsimile: 64 4 894 3305

Email: greg.lee@nzta.govt.nz

Form 18

NOTICE OF REQUIREMENT BY THE NZ TRANSPORT AGENCY FOR A DESIGNATION UNDER SECTIONS 145 AND 168 OF THE RESOURCE MANAGEMENT ACT 1991

To: Environmental Protection Authority
P O Box 10720
The Terrace
WELLINGTON 6143

From: NZ Transport Agency
PO Box 5084
WELLINGTON 6145

The NZ Transport Agency (the NZTA) gives notice of a requirement for a designation for a work, being the construction, operation and maintenance of the Kenepuru Link Road in Wellington City (the District) (NoR 6). The work to which this requirement relates is a component of the Transmission Gully Project (the Project).

This designation is necessary to provide for the construction, operation and maintenance of the work which forms part of the Project. The Project will provide an alternative (inland) State highway between Linden (Wellington City) and MacKays Crossing (Kapiti Coast District). The Project, including the works that are the subject of this notice and the other notices and resource consents, is described in the **Part D** of the Assessment of Environmental Effects (AEE) report (Volume 1).

The site to which the requirement applies is as follows:

The site to which the requirement applies (or the land subject to this notice) is identified and legally described on the plans **LR00- 20** (AEE report Volume 4).

The nature of the proposed work is:

The works to which this requirement relates form part of the Project which is described **Part D** of the AEE report (Volume 1).

The Project is a key component of the Wellington Roads of National Significance (RoNS), which will create a high quality State highway connection from north of Levin to the Wellington Airport. The total length of the Wellington RoNS is approximately 110km.

This designation is required for the construction, operation and maintenance of a new section of State highway, from Kenepuru Drive to the proposed Kenepuru Interchange, close to the boundary of the District.

The nature of the works includes the construction, operation and maintenance of a State highway (limited access road) and ancillary works including safety and operational services (including communications), vegetation removal, stormwater treatment, temporary construction works including storage areas and office facilities, maintenance and access areas, mitigation and restoration works, other ancillary structures and activities associated with these works. NoR 6 comprises the following specific components of the Project:

- A short section of the Kenepuru Link Road between existing State Highway 1 and the North Island

Main Truck Railway line.

The resource consents and other statutory authorisations required for the works are described below and/or detailed in the AEE report.

The nature of the proposed conditions that would apply are:

It is proposed that the Project will be subject to the designation conditions contained in **Chapter 29** of the AEE report (as may be confirmed or modified in the determination of this requirement). Once constructed, access to the formed State highway will be restricted and controlled to provide safe and efficient movement of traffic and associated activities that may be required for its management and maintenance.

The effects that the work will have on the environment, and ways in which any adverse effects will be mitigated, are:

The AEE report contains a description of the existing environment, an assessment of the environmental effects of the Project and an outline of appropriate methods to avoid, remedy or mitigate any adverse effects of the works associated with the Project. **Part C** of the AEE report provides a description of the existing environment. **Part G** of the AEE report provides an assessment of the actual and potential effects of the Project on the environment during its construction and operation. Actual and potential effects on the environment include (discussed further in the identified AEE report chapters):

- *Traffic and transport effects* - Impacts on the transportation network during construction and effects on operation as a result of the Project (**Chapter 13**).
- *Land use and property effects* - Effects on land owners whose property is required for the designation, and consideration of effects on publicly owned open space, and wider land use patterns (**Chapter 14**).
- *Effects on network utilities* - Various network utilities are affected by the Project and require protection and/or relocation. These include: electricity transmission and distribution, gas transmission and distribution, water supply, stormwater and wastewater, telecommunications (**Chapter 15**).
- *Noise and vibration effects* - Impacts from noise and vibration emitted from the Project during construction and operation (**Chapter 16**).
- *Effects on air quality* - Effects associated with emissions, including impacts from construction emissions (e.g. dust) and vehicle emissions to air during operation (**Chapter 17**).
- *Effects associated with contaminated land* - Effects of historical land uses and intrusive testing of known sites (**Chapter 18**).
- *Hydrology and water quality effects* - Management of site works during construction (e.g. staging, erosion and sediment control), the ongoing discharge of contaminants in stormwater during the operation of the State highway, and flooding effects created as a result of the Project's construction (**Chapters 19 and 20**).
- *Effects on ecology* - Effects of the project on streams, vegetation, herpetology, avifauna and marine ecology, including the effects of stream realignment and related effects on fauna and habitats during construction and operation of the Project (**Chapters 21, 22 and 23**).
- *Tangata whenua effects* - Effects of the Project during construction and operation on tangata whenua values (**Chapter 24**).

- *Landscape and visual effects* - Visual and landscape effects, including amenity impacts during construction and operation (**Chapter 25**).
- *Effects on archaeology and built heritage* - Impacts of construction and operation on sites and areas of heritage and historic value (**Chapter 26**).
- *Social effects* - Impacts of the construction and operation of the Project on communities, neighbourhoods and specific local facilities such as schools, churches and community centres etc. (**Chapter 27**).

The AEE report draws on information provided in the technical assessments (contained in Volume 3). **Chapter 11** also provides a summary of the actual and potential environmental effects of the Project.

Part H of the AEE report outlines proposed mitigation measures and proposed designation conditions. A variety of mitigation measures are proposed to mitigate the actual and potential adverse effects identified.

Alternative sites, routes and methods have been considered to the following extent:

Part E of the AEE report contains an assessment of alternatives sites, routes and methods considered for the Project.

The assessment of alternatives has provided the NZTA with information which has assisted it in identifying its preferred alignment for the Project.

The work and designation are reasonably necessary for achieving the objectives of the requiring authority because:

The works

The NZTA's objective under section 94 of the Land Transport Management Act 2003 (LTMA) is "*to undertake its functions in a way that contributes to an affordable, integrated, safe, responsive, and sustainable land transport system*". The works, as part of the Project, will assist the NZTA in meeting this objective.

The NZTA's objectives for the works, as part of the Project, are:

- to provide an alternative strategic link for Wellington that improves regional network security;
- to assist in remedying the safety concerns of, and projected capacity problems on, the existing State Highway 1 by providing a safe and reliable route between Linden and MacKays Crossing in an environmentally sustainable manner;
- to assist in enabling wider national economic development by providing a cost-optimised route that better provides for the through movement of freight and people; and
- to assist integration of the land transport system by enabling the existing State Highway 1 to be developed into a safe multi-functional alternative to the proposed strategic link.

The works, as part of the Project will contribute to those objectives by providing:

- improved route security and resilience of the Wellington region's State highway network;
- improved safety performance as compared to the existing State Highway 1 between Linden and MacKays Crossing;
- reduced travel times along many key routes and increased accessibility across many parts of the region's road network; and
- economic development as a result of travel time savings and increased accessibility.

The designation

The NZTA was approved under section 167 of the RMA as a requiring authority by the Resource Management (Approval of Transit New Zealand as Requiring Authority) Notice 1994, notified in the Gazette on 3 March 1994. A copy of this Notice is contained in **Appendix A** of the AEE report. As a network utility operator and a requiring authority under section 167 of the RMA, the NZTA may designate land, water, subsoil or airspace for the "*construction and operation (including the maintenance, improvement, enhancement, expansion, realignment and alteration) of any State highway or motorway pursuant to the [Government Roading Powers] Act 1989*".

This designation is necessary as it will secure land required for the Project and will enable the NZTA to carry out the works necessary for this part of the Project. The principal reasons for requiring a designation to facilitate the works this requirement relates to are:

- It will enable the NZTA to achieve its principal objective under the LTMA;
- It is necessary for the NZTA to achieve the specific Project objectives and to facilitate the benefits of other projects within the Wellington RoNS programme;
- It will allow the NZTA and/or its authorised agents to undertake the works in accordance with the designation, notwithstanding anything contrary in the Wellington City District Plan (WCDP);
- It will allow the land required to be identified in the WCDP, giving a clear indication of the intended use of the land;
- It will enable the Project to be undertaken in a comprehensive and integrated manner; and
- It will protect the proposed route from future development which may otherwise preclude the construction of the Project.

The following resource consents are needed for the proposed activity and have been applied for concurrently with this notice:

Land use consents, for:

- roading and tracking activities;
- the use, erection and placement of new structures (culverts, bridge support structures,

erosion protection structures, stormwater pipes and outfall structures) in river beds;

- the disturbance of river beds; and
- the reclamation of river beds.

Water permits, for:

- the diversion of water.

Discharge permits, for:

- the discharge of chemically treated sediment laden water (from construction) to land;
- the discharge of chemically treated sediment laden water (from construction) to water; and
- the discharge of contaminants (from concrete batching) to air and land.

The following consultation has been undertaken with parties that are likely to be affected:

Extensive consultation has been undertaken with the community and key stakeholders, including directly affected landowners. Consultation with some stakeholders has a long history, due to the considerable length of time the Project has been proposed for. **Part F** of the AEE report provides a record of the consultation process undertaken, feedback received and how this was considered in the development of the Project.

The key aspects of the consultation undertaken are:

- It has kept stakeholders and the community informed of the Project as it has developed;
- Due to the long history of the Project, there is a relatively high degree of familiarity among key stakeholders and the general public about the general concept of the Project;
- The majority of key stakeholders support the Project and there is good support for the Project from the general public, although opposition from some groups and individuals is acknowledged;
- Stakeholders and the community have had an opportunity to provide feedback on the Project's form and mitigation measures and the NZTA has considered and responded to issues and concerns that have been identified;
- Consultation has recognised and utilised community knowledge and resources in the identification of environmental effects to consider;
- Consultation feedback has been taken into account in decision-making throughout the process; and
- The NZTA has considered and responded to issues and concerns raised during the consultation process.

Ongoing consultation is proposed during the construction period and provision is made for this in the proposed mitigation and monitoring contained in **Part H** of the AEE report.

Lapse period for the designation:

The NZTA seeks a lapse period of 15 years for the designation, pursuant to section 184(1)(c) of RMA. This period provides sufficient time for the NZTA to give effect to the works including undertaking land purchase

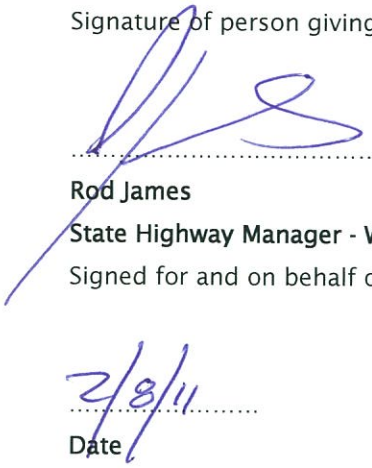
negotiations, detailed design and construction of the proposed Project, and it allows for an appropriate margin to address possible consenting, tendering, funding and construction processes.

The NZTA attaches the following information required to be included in this notice by the district plan, regional plan, or any regulations made under the Resource Management Act 1991:

- Volume 1: Assessment of Environmental Effects report, including:
    - Part A: Introduction and background to the Project
    - Part B: Statutory context
    - Part C: Description of the environment
    - Part D: Description of the Project
    - Part E: Consideration of alternatives
    - Part F: Consultation
    - Part G: Assessment of effects on the environment
    - Part H: Management of environmental effects
    - Part I: Statutory assessment
- Volume 3: Technical reports and supporting documents
- Volume 4: Plan set
- Volume 5: Draft management plans

Plans identifying the land subject to this notice of requirement and a schedule of properties affected by this requirement are contained in plans **LR00- 20** (Volume 4).

Signature of person giving notice (or person authorised to sign on behalf of person giving notice):



.....

Rod James

State Highway Manager - Wellington, NZ Transport Agency

Signed for and on behalf of the **NZ Transport Agency**

2/8/11

.....

Date

Address for service: NZ Transport Agency
Attention: Greg Lee
Level 8, PSIS House
20 Ballance Street
PO Box 5084
WELLINGTON 6145

Telephone: 64 4 931 8906

Facsimile: 64 4 894 3305

Email: greg.lee@nzta.govt.nz

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1 Resource consent application

This form asks for general information about your resource consent application such as contact details, consents required, and consultation details (including written approval of affected parties). You will also need to fill out an activity form(s) which explains your proposed activity (see page 3).

To help guide you to complete your application, please use our information brochures explaining the consent process, and follow the explanatory notes located in the forms for the specific activity you want to carry out.

The Resource Management Act 1991 (RMA) sets out the information you must provide with your application for a resource consent. If you provide inadequate information, we will not be able to process your application and may return it to you. If you are unsure what information should be provided with your application, or which forms to use, please contact us before lodging your application with us.

Please answer all the questions in this form and any additional forms required to be filled out fully. It is generally quicker and cheaper to process your application if you have discussed it with one of Greater Wellington's resource advisors before you fill in this form. Please supply two copies of your entire application – one bound and one unbound.

Wellington office contact details: 04 384 5708 or at 142 Wakefield Street, PO Box 11646, Wellington 6142

Masterton office contact details: 06 378 2484 or at 34 Chapel Street, PO Box 41, Masterton 5840

Fees

Application fees for consent applications are explained in the Fees Schedule. Your application will not be processed until payment has been received. If you wish to pay by bank deposit please contact our Environment Help Desk for account details. Please note that the actual and reasonable cost to process your application may be more than the application fee. Also, if you withdraw your application you will still need to pay the actual and reasonable processing costs up to the time your application was withdrawn. If your application is granted then you will be required to pay an annual fee to cover the reasonable costs of monitoring and administering your resource consent

Checklist

Have you remembered to:	**Yes**	**No**
• Include an appropriate assessment of the effects of the activity, as set out in the relevant activity application form?	☒	☐
• Obtain written approval from all affected parties (for non-notified applications)?	☐	☒
• Pay the application fee?	☐	☐
• Include activity application forms for each box ticked on page 3?	☒	☐
• Sign and date the application form on page 2?	☒	☐
• Include two copies of your application – one bound and one unbound	☐	☐

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$ paid _____ Date: _____ Consent No: _____

Paid by: Cheque ☐ Eftpos ☐ Bank deposit ☐ Replacement application: Yes ☐ No ☐

Receipt # _____ Previous Consent No: _____

Debtor # _____

Note: All information provided in your application is available to the public.

Contact details

Applicant(s) name(s) and address [i.e., whose name will be on the consent. Note if a private or family trust is the applicant, all the trustees are required to provide contact details and sign the application form]

NZ Transport Agency | T: Business: | T: Private:

Fax: | T: Mobile:

Email address:

Signature of applicant(s): | Date: 2/8/11

Name [block capitals]: Rod James, State Highway Manager Wellington

I hereby certify that, to the best of my knowledge and belief, the information given in this application is true and correct and I am authorised to sign this application form. I undertake to pay all actual and reasonable application costs incurred by Greater Wellington, which may be more than the deposit fee.

Service name and address (if different from above) [for contact during the application process]

Greg Lee, NZ Transport Agency | T: Business: 04 931 8906 | T: Private:

PO Box 5084 | Fax: 04 894 3305 | T: Mobile: 64 21 240 4388

Wellington 6145 | Email address: greg.lee@nzta.govt.nz

Billing name and address [for invoices and annual charges]

N/A | T: Business: | T: Private:

Fax: | T: Mobile:

Email address:

Property owner's name (if different from above)

N/A | T: Business: | T: Private:

Fax: | T: Mobile:

Email address:

If your proposed activity will take place on land not owned by the applicant, the written approval of the property owner is required below.

Signature of property owner | Date:

Name [block capitals]:

Where the activity is

Describe the location of activity and/or property address

Refer to the Plan Set (Volume 4). | Map reference: NZMS 260:

Valuation reference [from rates]:

Include the name of any relevant stream, river or other waterbody to which the application may relate, proximity to any well known landmark, etc. (Note: A location map is required in your activity form.)

Legal description [from rates notice]

Consents from Greater Wellington – activity forms you need to fill in

Consent(s) being applied for. You will need to fill in an activity form for each of the following activities: Make sure you attach the forms for your activity

Water:

Dam/Divert (Form 2a)	☒	Take surface water (Form 2b)	☐
Take and use groundwater (Form 2c)	☐		

Discharge to Land:

General discharges (Form 3a)	☒	Agricultural discharge (Form 3b)	☐
On-site wastewater (Form 3c)	☐		

Discharge to Water:

General discharges (Form 4a)	☒	Earthworks (Form 4b)	☐

Discharge to Air:

Air discharge (Form 5a)	☒

Land Use:

General river/stream works (Form 6a)	☒	Bore/well construction (Form 6b)	☐
Bridge construction (Form 6c)	☒	Culvert construction (Form 6d)	☒
Land clearing/tracking/logging/ soil disturbance (Form 6e)	☒		

Coastal:

General coastal Form 7a)	☐	Boatshed (Form 7b)	☐
Swing mooring (Form 7c)	☐	Occupation (Form 7d)	☐

Consents from local authorities

Territorial authority in which land is situated:

Wellington City Council	☒	Kapiti Coast District Council	☒
Hutt City Council	☐	Masterton District Council	☐
Upper Hutt City Council	☒	South Wairarapa District Council	☐
Porirua City Council	☒	Carterton District Council	☐

Do you require any other resource consents from your local council? Yes ☒ No ☐

If yes, please list: Six notices for the designation of land required for the construction, operation and maintenance of the Transmission Gully Main Alignment and the Kenepuru Link Road.

Have these consents been applied for? Yes ☒ No ☐

Other documentation

Please list any other documents in addition to your application forms that form part of your application. Note: if multiple other documents exist, please attach a separate sheet of paper.

☐ No other documents

☒ Reports — Title: AEE report (Volume 1), Technical Reports (Volume 3),

☒ Plans — Plan Set (Volume 4), Draft management plans (Volume 5).

☐ Other documents

Consultation and written approval of affected parties

Consultation with all parties potentially affected by your activity prior to lodging your application may result in considerable time and cost savings.

Non-notified applications

Non-notified consents are for activities which have minor effects on the environment. For your activity to be considered on a non-notified basis you must consult and obtain written approval from all parties potentially affected by your activity (eg, neighbours, iwi, Fish and Game Council, Department of Conservation). If you are unsure who may be an affected party, please call us. ***Non-notified consents are significantly cheaper and quicker to process.***

Limited notified and fully notified applications

Notified consents (either limited notified or fully notified consents) are for activities which do not meet requirements in the RMA for processing on a non-notified basis.

Please provide any consultation details and written approvals obtained in the space provided below.

Consultation details

Have you consulted with iwi? Yes ☒ No ☐

If so, who did you consult? Refer to Part F of the AEE report (Volume 1), and Technical Report 22,

Who else have you consulted and what was their response? (Volume 3).

Refer to Part F of the AEE report (Volume 1)

How have you addressed any concerns they may have had?

Refer to Part F of the AEE report (Volume 1)

Written approval of affected parties

I/we have read this consent application and supporting documents, and have no objection to the applicant's proposal. (Please note: Greater Wellington cannot consider effects on affected parties once written approval is provided. Please make sure you incorporate into your application any modifications the affected parties have requested in signing your application).

(1) Name: _____ Owner ☐ Occupier ☐

Address: _____

T/fax/email: _____

Signature: _____ Date: _____

(2) Name: _____ Owner ☐ Occupier ☐

Address: _____

T/fax/email: _____

Signature: _____ Date: _____

(3) Name: _____ Owner ☐ Occupier ☐

Address: _____

T/fax/email: _____

Signature: _____ Date: _____

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2a Water permit application to <u>divert</u> water

Use this form for any activity which alters the natural flow of a watercourse.

Please answer all questions fully. You should discuss your application with one of Greater Wellington's resource advisors before completing this form.

Show the location of the activity and adjoining properties on your map on Form 1. Include design plans and details with this application as appropriate.

Part A: general

1. Is the diversion: existing ☐ or proposed ☒ ?

   If the diversion relates to a new activity, a Land Use Consent may also be required. Use Application Form No. 10.

   If the diversion is in the coastal marine area, a Coastal Permit to Divert Water is required. You can make the application on this form. A coastal permit to erect any structures and occupy the coastal marine area is required for a new diversion. Use Application Form No. 12.

2. Why are you diverting water (eg, stormwater control, river works, stream realignment, etc)?

   To enable the construction of the Transmission Gully Main Alignment and the Kenepuru Link Road.

3. What is the name of the watercourse to be diverted?
   (If the stream is unnamed, give the name of the watercourse it is a tributary of.)

   Refer to Section 7.14 of the AEE report (Volume 1) and plans DR01-21 (Volume 4).

4. What is the rate at which water will be diverted? N/A cubic metres or litres per second

5. Will the diversion be: intermittent ☐ or continuous ☒ ?
   temporary ☐ or permanent ☒ ?

   If temporary, what will be the maximum operating period? _____ hours per day

   _____ days per week

   _____ weeks per year

6. Does the diversion also involve:

Taking water?	Yes ☐	No ☒
Damming water?	Yes ☐	No ☒
Discharging?	Yes ☒	No ☐
Any structures?	Yes ☒	No ☐

   If you answered yes to any of 6 above, a separate consent application may be required.

Part B: assessment of effects on the environment

Where your diversion could have a significant adverse effect on the environment a more detailed environmental assessment is required in accordance with the Fourth Schedule of the Resource Management Act 1991.

1. Will the diversion have an effect on water availability to downstream users and/ or affect access to neighbouring properties? Yes ☐ No ☒

2. Within a reasonable distance up or downstream of the diversion are there any:
   - (1) Obvious signs of biota (eg, fish, eels, insect life, aquatic plants)? Yes ☒ No ☐
   - (2) Areas where food is gathered from the stream (eg, watercress, eels, wild fowl, kaimoana)? Yes ☒ No ☐
   - (3) Wetlands (eg, swamp areas)? Yes ☒ No ☐
   - (4) Waste discharges (eg, from rural sources, industries, sewage plants)? Yes ☒ No ☐
   - (5) Recreational activities carried out (eg, swimming, fishing, canoeing)? Yes ☒ No ☐
   - (6) Areas of particular aesthetic or scientific value (eg, scenic waterfall, rapids, archaeological sites)? Yes ☒ No ☐
   - (7) Areas or aspects of significance to iwi that you are aware of? Yes ☒ No ☐

   If you have answered yes to 1 and any part of 2 above, describe what effects your diversion may have and the steps you propose to take to mitigate these. If the adverse effect is significant, describe alternative locations or methods you have considered for undertaking the diversion:

   Refer to Chapter 9 of the AEE report (Volume 1) for the assessment of alternatives.

   Refer to Chapter 6 of Technical Report 14 (Volume 3) for options assessment.

   Refer to AEE report (Volume 1) chapters on the following potential effects: Hydrology (19); Water Quality (20); Freshwater Ecology (22); Marine Ecology (23); Tangata Whenua (24).

   [Continue on a separate page if necessary]

3. Have you provided any means for fish to bypass the diversion (eg, fish ladders, elver tubes, etc)? Yes ☒ No ☐

   Please describe Refer to draft Ecological Management and Monitoring Plan (Volume 5).

4. Describe the bed of the watercourse immediately above and below the diversion site (eg, is it gravelly, muddy or sandy?):

   Refer to Chapter 3 of Technical Report 14 (Volume 3).

Part B: assessment of effects on the environment (continued)

5. Will the diversion cause any flooding or other problems to neighbouring properties? Yes ☐ No ☒

   Please describe Refer to Chapter 19 of the AEE report (Volume 1) and Technical Report 14 (Volume 3).

6. Please attach your calculations which show that the diversion design is adequate, including design flood flows, return periods, etc

7. Have you discussed your diversion with any potentially affected parties (eg, neighbours, water users, Fish and Game New Zealand, Department of Conservation? Yes ☒ No ☐

8. Are there any alternative sites or methods for the diversion? If yes, why have you not chosen any of these? Yes ☐ No ☒

   Refer to Chapter 9 of the AEE report (Volume 1) for assessment of alternatives, and Chapter 6 of Technical Report 14 (Volume 3).

9. What, if any, monitoring do you propose to carry out to ensure that your diversion does not have any adverse effect?

   Refer to Part H of the AEE report (Volume 1) and the draft Ecological Management and Monitoring Plan (Volume 5).

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Consent No. _____

Renewal: Yes ☐ No ☐

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3a Discharge permit application - general discharges to land

Please answer all questions fully. Officers from Greater Wellington's Environmental Regulation department are available to assist with filling out this form or to clarify information to include with your application.

This form is required to be filled out in conjunction with Form 1 Resource Consent Application

Part A: General information on nature and scale of your activity

1. What is the source of the contaminant(s): eg, Industry, solid agrichemical (1080), cleanfill, landfill, winery wastewater, composting animal wastes, breweries, oil etc:

Discharge of chemically treated sediment-laden water from erosion and sediment control devices (for the Transmission Gully Main Alignment and Kenepuru Link Road) to land.

2. Provide a detailed description of contaminant characteristics, physical and chemical composition, and whether it is a classified hazardous substance:

Refer to Chapter 9 of Technical Report 15 (Volume 3).

3. Is the waste treated before discharge?

Yes ☒ No ☐ If Yes, describe treatment:

Refer to Chapter 9 of Technical Report 15 (Volume 3).

4. Describe discharge method, period, volume and rate of discharge – include calculations:

Refer to Chapter 9 of Technical Report 15 (Volume 3).

For question 5 below, refer to plans DR01-21, S8EMP/C1-6, S8EMP/D1-6 and S8EMP/F6-12 of the AEE Report (Volume 4).

5. Locality map and system design

Show the location of your proposed discharge and a detailed sketch/plan of the treatment/discharge system and discharge area. Please show the discharge area and any treatment system in relation to roads, property boundaries, waterways, bores, and the nearest town. Include an estimate of the size of the area to be irrigated (if applicable), the location of any buildings, septic tanks, location of any neighbouring bores/wells, other known abstraction points, freshwater springs, streams, rivers, wetlands that you know of and any other relevant features of the surrounding environment. Alternatively you may wish to attach a plan/aerial photograph showing the above information.

Note: Remember to show where north is.

Part B: Assessment of effects on the environment (AEE)

If your proposed discharge is likely to have a significant impact on the environment you will need to complete a more detailed environmental assessment in accordance with the Fourth Schedule of the Resource Management Act 1991.

1. **Describe soil type(s) in the discharge area(s) and the source of this information (eg, soil maps, soil tests, local knowledge):**

   Refer to Chapter 3 of Technical Report 14 (Volume 3).

2. **What is the depth to groundwater at the discharge site(s) (and the direction of groundwater flow if known)?**

   Refer to Chapter 5 of Technical Report 3 (Volume 3).

3. **What is the land drainage like in the discharge area(s)? Is the soil artificially drained?**

   Refer to Chapter 3 of Technical Report 14 (Volume 3).

4. **How far is the nearest surface water to the discharge area(s) and in what direction (eg, 50m NE)?**

   Refer to plans GA01-08 (Volume 4).

5. **Are there any bores in vicinity (including neighbouring properties) and what are they used for?**

   Yes ☒ No ☐ If Yes, show them on the locality map and describe their use below:

   Paekakariki Bore, which provides water supply for the township (refer to Chapter 15 of the AEE report (Volume 1) for map location).

6. **Are there any sensitive environments close to the discharge area? eg, wetlands, recreational areas**

   Yes ☒ No ☐ If Yes, show them on the locality map and describe them below:

   Refer to Chapter 6 of the AEE Report (Volume 1).

7. **What effects will your discharge have on the sensitive environments identified above?**

   Refer to Chapters 21 (Territorial Ecology), 22 (Freshwater Ecology) and 23 (Marine Ecology) of the AEE report (Volume 1).

8. Why did you choose the proposed method of treatment and disposal, including the proposed discharge location?

Refer to Chapter 9 and Appendix 15.11 of Technical Report 15 (Volume 3).

9. What alternative methods and locations have you considered?

Refer to Chapter 9 of the AEE report (Volume 1).

Part C: Monitoring and management of your activity

1. What monitoring and management do you propose to ensure any potential adverse effects on the environment are avoided, remedied or mitigated?

(In particular, please provide a description and analysis of contaminant effects on soil and water and any proposed monitoring to ensure that the discharge does not adversely effect soil or water resources. Include details on what is to be monitored, when, how and why.)

Refer to Part H of the AEE report (Volume 1), the draft Construction Environmental Management Plan (Volume 5) and the draft Ecological Management and Monitoring Plan (Volume 5).

Also refer to Appendix 15L of Technical Report 15 (Volume 3).

2. Operation and management plans

Please include an Operation and Management Plan for the activity. This should include (but not be limited to) how the equipment controlling the treatment and discharge will be operated and maintained to prevent equipment failure (eg, maintenance/servicing schedules), and what measures will be implemented to ensure that the effects of any malfunction are remedied. It should also include contingency plans (eg, effluent storage) in the event of a system malfunction or adverse weather/soil conditions preventing effluent disposal to land (eg, saturated soils).

Refer to Part H of the AEE report (Volume 1) and the draft CEMP (Volume 5).

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3a Discharge permit application - general discharges to land

Please answer all questions fully. Officers from Greater Wellington's Environmental Regulation department are available to assist with filling out this form or to clarify information to include with your application.

This form is required to be filled out in conjunction with Form 1 Resource Consent Application

Part A: General information on nature and scale of your activity

1. **What is the source of the contaminant(s): eg, Industry, solid agrichemical (1080), cleanfill, landfill, winery wastewater, composting animal wastes, breweries, oil etc:**

   Discharge of water from an industrial and trade premise (concrete batching plant).

2. **Provide a detailed description of contaminant characteristics, physical and chemical composition, and whether it is a classified hazardous substance:**

   Refer to Chapter 8 of the AEE report (Volume 1).

   - cement dust

   - dust and sediment from aggregate and other raw materials used for manufacturing concrete

3. **Is the waste treated before discharge?**

   Yes ☒ No ☐ If Yes, describe treatment:

   Refer to Chapter 8 and Part G (air quality and water quality) of the AEE report (Volume 1) and proposed draft conditions.

4. **Describe discharge method, period, volume and rate of discharge – include calculations:**

   Refer to Chapter 8 and Part G (water quality) of the AEE report (Volume 1).

   For question 5 below, plan in Chapter 8 of the AEE (Volume 1).

5. Locality map and system design

Show the location of your proposed discharge and a detailed sketch/plan of the treatment/discharge system and discharge area. Please show the discharge area and any treatment system in relation to roads, property boundaries, waterways, bores, and the nearest town. Include an estimate of the size of the area to be irrigated (if applicable), the location of any buildings, septic tanks, location of any neighbouring bores/wells, other known abstraction points, freshwater springs, streams, rivers, wetlands that you know of and any other relevant features of the surrounding environment. Alternatively you may wish to attach a plan/aerial photograph showing the above information.

Note: Remember to show where north is.

Part B: Assessment of effects on the environment (AEE)

If your proposed discharge is likely to have a significant impact on the environment you will need to complete a more detailed environmental assessment in accordance with the Fourth Schedule of the Resource Management Act 1991.

1. **Describe soil type(s) in the discharge area(s) and the source of this information (eg, soil maps, soil tests, local knowledge):**

   - cement

   - aggregate and other raw materials used for manufacturing concrete

2. **What is the depth to groundwater at the discharge site(s) (and the direction of groundwater flow if known)?**

   Not applicable.

3. **What is the land drainage like in the discharge area(s)? Is the soil artificially drained?**

   Facility to be located on a constructed/filled area.

4. **How far is the nearest surface water to the discharge area(s) and in what direction (eg, 50m NE)?**

   Refer to plans GA01-08 (Volume 4) and plan in Chapter 8 of the AEE report (Volume 1).

5. **Are there any bores in vicinity (including neighbouring properties) and what are they used for?**

   Yes ☐ No ☒ If Yes, show them on the locality map and describe their use below:

6. **Are there any sensitive environments close to the discharge area? eg, wetlands, recreational areas**

   Yes ☒ No ☐ If Yes, show them on the locality map and describe them below:

   Refer to Chapter 6 of the AEE Report (Volume 1).

7. **What effects will your discharge have on the sensitive environments identified above?**

   Refer to Chapter 20 (Water Quality) of the AEE report (Volume 1).

8. Why did you choose the proposed method of treatment and disposal, including the proposed discharge location?

Refer to Chapter 8 of the AEE report (Volume 1). Location is close to road construction activities and haul routes, and there are few sensitive receptors within close proximity.

9. What alternative methods and locations have you considered?

Off-site options including existing established facilities which could be used.

Part C: Monitoring and management of your activity

1. What monitoring and management do you propose to ensure any potential adverse effects on the environment are avoided, remedied or mitigated?

(In particular, please provide a description and analysis of contaminant effects on soil and water and any proposed monitoring to ensure that the discharge does not adversely effect soil or water resources. Include details on what is to be monitored, when, how and why.)

Refer to Part H of the AEE report (Volume 1), the draft Construction Environmental Management Plan (Volume 5) and the draft Ecological Management and Monitoring Plan (Volume 5).

Also refer to Appendix 15L of Technical Report 15 (Volume 3).

Also refer to the draft proposed consent conditions.

2. Operation and management plans

Please include an Operation and Management Plan for the activity. This should include (but not be limited to) how the equipment controlling the treatment and discharge will be operated and maintained to prevent equipment failure (eg, maintenance/servicing schedules), and what measures will be implemented to ensure that the effects of any malfunction are remedied. It should also include contingency plans (eg, effluent storage) in the event of a system malfunction or adverse weather/soil conditions preventing effluent disposal to land (eg, saturated soils).

Refer to Chapter 8 of the AEE report (Volume 1) and the proposed CBMP (Volume 5) - as specified in the draft proposed consent conditions.

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4a Discharge permit application – general discharge to water

Please answer all questions fully. Officers from Greater Wellington's Environmental Regulation department are available to assist with filling out this form or to clarify information to include with your application.

This form is required to be filled out in conjunction with Form 1 Resource Consent Application

This application form should be used for all discharges to water, including discharge to coastal water below mean high water springs and within the outer limits of the territorial sea.

Part A: General information on nature and scale of your activity

1. What is/are the contaminant(s) of concern in the discharge?

(A contaminant is any substance which is likely to change the water into which it is discharged in any way. Water can also be a contaminant)

Discharge of chemically treated sediment laden water from erosion and sediment control devices (for the Transmission Gully Main Alignment and the Kenepuru Link Road) to water.

2. What is the source of the contaminant and/or process that results in the discharge? (eg, municipal wastewater, industry, water treatment, rural activity/agricultural production - cows, pigs, poultry, contaminated stormwater, other) Note: If the source is from bulk earthworks please fill out Form 3b.

Bulk earthworks required for construction of the aforementioned.

3. If from municipal wastewater what is the current and future size of the population the treatment plant will serve, and what is the proposed operational life of the treatment plant and associated pipework?

Not applicable.

4 Is the contaminant treated in any way before being discharged? **Yes** ☒ **No** ☐

5. Name the treatment system and describe the treatment process (include the design specifications such as the capacity of the system):

Refer to Chapter 9 of Technical Report 15 (Volume 3).

6. If sludge/solid waste is generated as part of the treatment process, please state what happens to this sludge. (Note: an additional consent will be required for the discharge of sludge to land).

Not applicable.

7. Describe the contaminant and expected quality of the discharge after treatment but before it enters its receiving environment:

Please provide the results from any water quality testing of the discharge. If you do not have this information, you will need to test your discharge. Indicate which contaminants have been identified in the discharge by ticking the box(es). Explain how the samples were taken (eg, spot sample or composite sample) and attach the sampling results (laboratory analytical certificates) to this application.

☐ Temperature °C
☐ pH
☐ Suspended solids g/m³
☐ BOD_5 g/m³
☐ Faecal coliforms cfu/100 mL
☐ Heavy metals g/m³
☐ Toxic substances (eg, PAHs, phenols) g/m³
☐ Dissolved and total nutrients g/m³
☐ Ammonia g/m³:
☐ Oil/grease g/m³

Date(s) sample taken: _____ Name of sampler: _____

Location(s) sample taken: _____

Date(s) of analysis: _____ Analysis conducted by: _____

Indicate the sampling area(s) on the locality map (question 20).

Where appropriate describe the following:

Physical characteristics of the discharge (such as temperature, suspended solids, turbidity)

For question 7, refer to Chapters 9 and 10 of Technical Report 15 (Volume 3).

Inorganic chemical characteristics of the discharge (such as pH, free ammonia, organic nitrogen, total kjeldahl nitrogen, nitrites, nitrates, inorganic phosphorus, sulphate, metals)

Organic chemical characteristics of the discharge (such as BOD_5, VOC's)

Biological characteristics of the discharge (such as faecal coliforms, specific micro-organisms, toxicity)

8. **What is the name of the waterbody into which the discharge will be made (eg, name of stream, river, lake, bay, harbour, catchment, etc)?**

Porirua Stream, Kenepuru Stream, Pauatahanui Stream, Ration Stream, Collins Stream and Horokiri Stream, Duck Creek, Wainui/Te Paka Stream and Whareroa Stream.

9. **Describe the present state of the waterbody at the proposed location of the discharge.** Parameters to include in your description are flow information, water colour/clarity, width of channel, average depth, land use surrounding the waterbody, bed material (eg, rocky, silty, etc), bank material, streamside vegetation, erosion, fish life, invertebrate life, aquatic plants.

Refer to Chapter 5 of Technical Report 15 (Volume 3).

Greater Wellington's Environmental Monitoring and Investigations department may be able to assist you with flow or water quality data if you have no information. Please note some applications may require a professional ecological assessment.

10. **What is the quality of the receiving waterbody before the discharge?** Provide sample results and interpretation of these results (eg, against guideline values).

Refer to Chapter 6 of Technical Report 15 (Volume 3).

11. **Provide details of the expected quality of the receiving waters (AFTER the point of discharge, at a point after reasonable mixing).** Provide sample results for existing discharges or provide anticipated results.

Refer to Chapter 11 of Technical Report 15 (Volume 3).

Indicate which contaminants have been identified in the receiving waters by ticking the box(es). Attach the sampling results (laboratory analytical certificates) to this application

- ☐ Temperature °C
- ☐ pH
- ☐ Suspended solids g/m³
- ☐ BOD_5 g/m³
- ☐ Faecal coliforms cfu/100 mL
- ☐ Heavy metals
- ☐ Toxic substances
- ☐ Nitrates
- ☐ Ammonia and dissolved reactive phosphorus
- ☐ Dissolved Oxygen g/m³

Date(s) sample taken: _____ Name of sampler: _____

Location(s) sample taken: _____

Date(s) of analysis: _____ Analysis conducted by: _____

Please indicate the sampling locations (i.e. upstream, downstream, point of discharge) on the locality map (question 20)

12. **Describe the method of discharge.** Describe what measures will be put in place to prevent erosion or scour at the point of discharge.

Refer to Chapter 9 of Technical Report 15 (Volume 3) for general description, and draft Site Specific Environmental Management Plans (Volume 5) for examples of more site specific descriptions.

13. **Describe the discharge outlet structure (eg, 300mm pipe, multi-port diffuser, gravel trench etc.)**

Refer to draft SSEMPs 1 - 6 (Volume 5).

For questions 15 and 16 below, refer to Chapter 6 of Technical Report 14 (Volume 3).

14. **Is the discharge continuous ☐ or intermittent ☒ ?**

15. **What will be the maximum discharging period?**

_____ hours per day

_____ days per week

_____ weeks per year

16. **Describe the expected volume and frequency of the discharge?**

Maximum flow rate _____ litres per second

Maximum daily discharge _____ cubic metres per day

Average Dry Weather Flow _____

Peak Wet Weather Flow _____

Max. Volume per annum _____

17. **Does the discharge also involve:**

Outlet structure?	Yes ☒	No ☐
Diversion?	Yes ☒	No ☐
Discharge to air (odour)?	Yes ☐	No ☒
Discharge to land?	Yes ☒	No ☐

If you answered yes to any of 17 above, a separate consent application may be required. Give details of these other discharges below unless separate consent applications forms have been completed (in order to assess if further consents are required):

18. **Is there any odour associated with the discharge?**

No.

19. **Give details of other discharge(s) occuring to the waterbody (eg, wet weather overflows).** Describe the location, activity and source of these discharge(s) and any other details you are able to provide:

Refer to plans GA01-08 (Volume 4).

For question 20, refer to plans DA01-21 (Volume 4) for locations of proposed sediment ponds.

20. Locality map and system design

Show the location of your proposed discharge. The sketch or plan should include, but not be limited to discharge point(s), sampling locations, location of neighbouring properties, roads, waterbodies (including streams, wetlands and drains), and other significant landmarks. Alternatively you may wish to attach a plan/aerial photograph showing the above information.

Note: Remember to indicate where north is and relevant location information eg, distance and direction to nearest town/city. Name the waterbody(ies) shown on the map.

Part B: Assessment of effects on the environment (AEE)

If your proposed discharge is likely to have a significant impact on the environment you will need to complete a more detailed environmental assessment in accordance with the Fourth Schedule of the Resource Management Act 1991.

1. Within a reasonable distance downstream or in the vicinity of the discharge are there any:

(1)	Obvious indications of the presence of biota (eg, birds/nests, fish, eels, insect life, aquatic plants)?	Yes ☒	No ☐
(2)	Areas where food is gathered (eg, watercress, fish, kaimoana, blackberries)?	Yes ☒	No ☐
(3)	Water abstractions?	Yes ☒	No ☐
(4)	Wetlands (eg, swamp areas)?	Yes ☒	No ☐
(5)	Recreational activities carried out (eg, swimming, fishing, canoeing)?	Yes ☒	No ☐
(6)	Areas of particular aesthetic or scientific value (eg, archaeological sites)?	Yes ☒	No ☐
(7)	Areas or aspects of significance to iwi that you are aware of?	Yes ☒	No ☐

2. If you have answered yes to any of the above, please provide further information, including the distance of these activities from your proposed discharge point(s) and a description of what effects the discharge may have on them.

Refer to Part G of the AEE report (Volume 1).

3. What steps do you propose to take to mitigate these effects?

Refer to Part H of the AEE report (Volume 1)

[Continue on a separate page if necessary]

4. What is the management purpose of the receiving waters as described in the Regional Freshwater Plan or Regional Coastal Plan?

Refer to Chapter 6 of Technical Report 15 (Volume 3).

5. What do you consider are the likely effects of the discharge upon the receiving waters, particularly in relation to the management purpose in question 4 above?

Refer to Technical Report 15 (Volume 3).

6. **If there any other discharges within the same catchment, what is the combined effect of these discharges (including the proposed discharge) on the receiving environment?**

Refer to Technical Report 15 (Volume 3).

7. **What is the length and width of the proposed zone of non-compliance (if any) to allow for reasonable mixing of the discharge in the receiving waters? How were the dimensions of this zone determined and what degree of dilution (eg, 100:1) is provided by the end of the zone?**
Note: In some waterbodies it may not be reasonable to have a non-compliance zone.

Refer to Technical Report 15 (Volume 3).

8. **Describe any noticeable change in the colour/clarity of the receiving waters that may result from the discharge:**

Refer to Technical Report 15 (Volume 3).

9. **What environmental effects were considered when choosing the proposed method of disposal and location (eg, water table, dilution rates/mixing potential, proximity to waterbody)?**

Refer to Technical Report 15 (Volume 3).

10. **What alternative methods of treatment and disposal/discharge locations were considered?**

Refer to Technical Report 15 (Volume 3).

11. **Were these alternatives discounted?**

Refer to Technical Report 15 (Volume 3).

Part C: Monitoring and management of your activity

1. **What monitoring and management do you propose to ensure any potential adverse effects on the environment are avoided, remedied or mitigated?** (eg, discharge monitoring, receiving water monitoring, ecological surveys, toxicity tests). Include details on what is to be monitored, when, how, and why.

   Refer to Part H of the AEE report (Volume 1). Further detail is also provided in Appendix 15L of Technical Report 15 (Volume 3).

2. **What contingency measures are proposed to deal with any system malfunction or failures so as to prevent unauthorised, uncontrolled, or only partially treated discharge to the environment?**

   Refer to the draft CEMP (Volume 5).

3. **Describe how the equipment controlling the discharge to prevent equipment failure will be maintained and operated** (eg, measures to exclude stormwater from the system, desludging, equipment maintenance).

   Refer to the draft CEMP (Volume 5).

4. **What will be done to minimise and remediate any effects in the event of equipment failure?**

   Refer to the draft CEMP (Volume 5).

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5a Discharge permit application to discharge contaminants to air

Please answer all questions fully. You should discuss your application with one of Greater Wellington's resource advisors before completing this form.

Please provide an accurate plan showing the location of the site, existing works or works to be constructed, property boundaries and neighbouring properties.

Part A: general

1. **Process details**

(1) Please supply a detailed flow chart and description of the process that either results in a discharge to the atmosphere or could potentially result in a discharge to air.

(2) Please state number, height, diameter, location, etc, of any discharge points.
(If a chimney is proposed, give height and dimensions of surrounding buildings.)

The site plan showing the location of the proposed plant can be found in Plan SSEMP/C6 (Volume 4). Details around height and exact dimensions will be provided following detailed design.

(3) Please state the usual duration of the discharge (or discharges) and any variation, where appropriate:

(4) Has any equipment been placed on the discharge points to remove/alter the contaminants from the waste flows? Yes ☒ No ☐

If yes, please give details:

Refer to Section 11.3 of Technical Report 13 (Volume 3).

Part A: general (continued)

2. **Discharge details**

(1) Please supply (as far as possible) air discharge details for all contaminants, including NOx, CO2, SO2, CFCs, halons, methane, particulates, etc (refer to Clean Air Act 1972 – First Schedule for Air Pollutants) under the following headings:

Name of contaminant/gas				
Concentration (ppm, mg/Nm^3)				
Mass emission rate (kg/hr)				
Frequency of discharge				
Flow rate (m^3/hr)				
Efflux velocity (m/s)				
Particle size distribution				

Name of contaminant/gas				
Concentration (ppm, mg/Nm^3)				
Mass emission rate (kg/hr)				
Frequency of discharge				
Flow rate (m^3/hr)				
Efflux velocity (m/s)				
Particle size distribution				

[Concentrations and volumetric flow rates should be calculated at 0°C, 1 atm pressure and a dry gas basis.]

(2) Has there been carried out, or do you have access to, any background monitoring, monitoring of the discharges, impacts of the discharges? Yes ☒ No ☐

[If yes, please supply a copy/summary of the information obtained.]

(3) Has any meteorological data relevant to the site been obtained? Yes ☒ No ☐

[If yes, please give details and, if possible, a copy/summary of the information obtained.]

(4) Describe the type of land use surrounding the site (eg, north, residential – closest 500m; south, industrial, etc):

For questions 2(1-4) above, refer to Technical Report 13 (Volume 3).

Part B: assessment of effects on the environment

Where your discharge could have a significant adverse effect on the environment a more detailed environmental assessment is required in accordance with the Fourth Schedule of the Resource Management Act 1991.

1. Comment on the possible effect the discharge may have on the quality of the receiving air, persons living or working in the area and local biota (plant and animal life):

   Refer to Technical Report 13 (Volume 3).

   [Continue on a separate page if necessary]

2. Within a reasonable radius or in the vicinity of the discharge are there any:

(1)	Residential developments?	Yes ☐	No ☒
(2)	Production land (eg, crops, dairy farming)?	Yes ☒	No ☐
(3)	Recreational activities carried out (eg, sports grounds, parks, etc)?	Yes ☐	No ☒
(4)	Sources of similar or other discharges to air?	Yes ☐	No ☒
(5)	Areas of particular aesthetic or scientific value (eg, scenic views, etc)?	Yes ☐	No ☐
(6)	Areas or aspects of significance to iwi that you are aware of?	Yes ☐	No ☒
(7)	Commercial activities (eg, office blocks)?	Yes ☐	No ☒

   If you have answered yes to any of the above, describe what effects your discharge may have and the steps you propose to take to mitigate these:

   Refer to Technical Report 13 (Volume 3).

   [Continue on a separate page if necessary]

3. What alternative methods of disposal or discharge locations have you considered?

   Refer to Chapter 9 of the AEE report (Volume 1).

4. Why did you choose the proposed location?

   Refer to Chapter 9 of the AEE report (Volume 1).

Part B: assessment of effects on the environment (continued)

5. How will the equipment controlling the discharge be operated and maintained to prevent equipment failure, and what measures will be implemented to ensure that the effects of any malfunction are remedied?

   Refer to the draft Construction Air Quality Management Plan (Volume 5).

   [Continue on a separate page if necessary]

6. What, if any, monitoring do you propose to carry out to ensure that your discharge does not have any adverse effect?

   Refer to Section 11.5 of Technical Report 13 (Volume 3).

   [Continue on a separate page if necessary]

Air discharge permit information (required for Industry Groups)

Combustion processes

- Describe combustion processes and details of boiler or heat unit.
- Heat release rate (kilowatts, megawatts)
- Contaminants discharged to the atmosphere.
- Concentration of contaminants in discharge (ppm).
- Height of discharge point (chimney).
- Describe fitting on top of chimney (cone, rain excluded, China man's hat).
- Frequency of discharge.
- Describe air pollution control equipment.
- Velocity of flue gas.
- Monitoring system (for checking and recording discharge).
- Location of discharge points in relation to factory and boundaries.
- Condition of boiler or heat unit, chimney and details of last service.

Quarries

- Describe quarrying process.
- Type of rock being mined.
- Open cast extraction capacity (tonnes/hour).
- Size reduction and screening capacity (tonnes/hour).
- Storage capacity (tonnes/hour).
- Dust control measures.
- Monitoring systems (for checking and recording dust emissions).
- Frequency of discharge (ie, hours of operation).
- Quarry management plan.

Wood processing industries

- Describe the process and contaminants discharged to atmosphere.
- Describe air pollution control equipment (including height of discharge point, exit velocity).
- Monitoring system (for checking and recording discharge).
- Particulate emission test (to determine dust concentration and mass emission levels discharged from the stack, measure over three runs, with all wood sanding equipment working at the same time).
- Frequency of discharge (ie, hours of operation).
- Location of discharge points in relation to the premises and neighbouring premises.

Chemical manufacturing blending processes/electroplating

- Describe the process.
- Describe contaminants/gases discharged to atmosphere and their concentrations.
- Describe air pollution control equipment.
- Monitoring system (for checking and recording discharge).
- Frequency of discharge (ie, hours of operation).
- Location of discharge points in relation to the premises and neighbouring premises.

Air discharge permit information (continued)

Abrasive blasting

- Describe the process and details of blasting chamber, blasting media used.
- Describe air pollution control equipment and height of discharge point, velocity of gases, fitting on top of chimney.
- Describe contaminants discharged to the atmosphere.
- Particulate emission tests (to determine dust concentration and mass emission levels discharged from the stock, measured over three runs).
- Monitoring system (for checking and recording discharge).
- Frequency of discharge (ie, hours of operation).
- Location of discharge points in relation to the premises and neighbouring premises.

Wool scourers and tanneries

- Describe the process.
- Describe contaminants/gases discharged to atmosphere and their concentrations.
- Describe air pollution control equipment and height of discharge point, fitting on top of chimney.
- Monitoring system (for checking and recording discharge).
- Describe raw material capacity of operation.
- Frequency of discharge (ie, hours of operation).
- Location of discharge points in relation to the premises and neighbouring premises.

Spray painting process

- Describe the process and details of spray painting booth.
- Describe air pollution control equipment and height of discharge point, velocity of gases, fitting on top of chimney.
- Describe contaminants discharged to atmosphere.
- Frequency of discharge (ie, hours of operation).
- Monitoring system (for checking and recording discharge).
- Location of discharge points in relation to the premises and neighbouring premises.

Concrete manufacturing plants

- Describe the process.
- Describe contaminants/gases discharged to atmosphere.
- Give details of raw material capacity (tonnes/hour).
- Dust control measures.
- Frequency of discharge (ie, hours of operation).
- Monitoring system (for checking and recording dust).

Air discharge permit information (continued)

Rendering process

- Describe the rendering process (high/low temperature, drying, etc.).
- Describe combustion process (if applicable, ie, type of combustion process, fuel uses, fuel combustion rate, contaminants released to air, exit velocity, concentration).
- Describe air pollution control equipment.
- Height and number of discharge points, and any fitting on top of chimney.
- Frequency of discharge (ie, hours of operation).
- Monitoring system (for checking and recording discharge).
- Location of discharge points in relation to the premises and neighbouring premises.

Asphalt production

- Describe the process.
- Describe contaminants/gases discharged to atmosphere.
- Give details of raw material capacity (tonnes/hour).
- Describe air pollution control equipment (dust controls, etc.).
- Frequency of discharge (ie, hours of operation).
- Monitoring systems.

Coffee roasting processes/vegetable frying processes

- Describe roasting process (roast or frying cycle, maximum raw material capacity (kg/hr)).
- Describe combustion process (if applicable, ie, type of combustion process, fuel uses, fuel combustion rate, contaminants released to the atmosphere, concentration of contaminants in ppm, exit velocity).
- Describe air pollution control equipment.
- Height and number of discharge points, and any fitting on top of chimney.
- Frequency of discharge (ie, hours of operation).
- Monitoring system (for checking and recording discharge).
- Location of discharge points in relation to the premises and neighbouring premises.

Other processes

- Describe the process.
- Describe contaminants/gases discharged to atmosphere.
- Describe air pollution control equipment.
- Frequency of discharge (ie, hours of operation).
- Monitoring systems.

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Consent No. _____

Renewal: Yes ☐ No ☐

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6a Land use consent application for works in or on the beds of lakes and rivers

You should use this form for activities in or on the beds of lakes or rivers.

Please answer all questions fully. You should discuss your application with one of Greater Wellington's resource advisors before completing this form.

Show the location of the activity and adjoining properties on your map on Form 1. Include design plans and details with this application as appropriate.

Part A: general

1. What do you propose to do and why?

   Refer to Chapters 7 and 8 of the AEE report (Volume 1) for a description of the proposed activity.

   Refer to Chapter 2 for the reasons why the activity is proposed.

2. Are you:

(1)	Erecting, reconstructing, placing, altering, extending, removing or demolishing any structure?	Yes ☒	No ☐
(2)	Excavating, drilling, tunnelling or disturbing the bed?	Yes ☒	No ☐
(3)	Depositing any substance?	Yes ☒	No ☐
(4)	Reclaiming or draining the bed?	Yes ☒	No ☐
(5)	Introducing or planting any plants?	Yes ☐	No ☒
(6)	Disturbing, removing, damaging or destroying any plants, or the habitats or any plants or animals?	Yes ☒	No ☐
(7)	Crossing a watercourse?	Yes ☒	No ☐

3. (1) Describe how establishing the activity (ie, construction) will affect the stream, lake or riverbed:

   Refer to Chapter 8 of the AEE report (Volume 1) and plans DR01-21 (Volume 4).

   (2) Describe how the completed work will affect the stream, lake or riverbed:

   Refer to Chapter 7 of the AEE report (Volume 1) and plans DR01-21 (Volume 4).

4. What is the proposed commencement date of the work? 2014

5. What is the proposed completion date? 2021

Part A: general (continued)

6. Describe how the work will be carried out:

   Refer to Chapter 8 of the AEE report (Volume 1) and the draft SSEMPs 1-6 (Volume 5).

7. Will the work be completed in stages? Yes ☒ No ☐

   If so, in what stages?

   Refer to Chapter 8 of the AEE report (Volume 1).

8. Is the work permanent ☒ or temporary ☐ ?

9. Who will be undertaking the work? A contractor appointed by the NZ Transport Agency.

10. What are the proposed hours of operation/construction? Determined through the management plan.

Part B: assessment of effects on the environment

Where your activity could have a significant adverse effect on the environment a more detailed environmental assessment is required in accordance with the Fourth Schedule of the Resource Management Act 1991. A resource advisor can discuss this with you.

1. What is the name of the watercourse or natural water on which the works will take place?

   For questions 1 to 3, refer to Chapter 6 of Technical Report 14 (Volume 3).

2. What is the area of land involved? _____ hectares

3. Are there any alternative locations or methods for carrying out the work? Yes ☒ No ☐

   (1) If yes, where or how?

   Refer to Chapter 9 of the AEE report (Volume 1) for questions 3(1) and 3(2).

   (2) Why have you chosen this location or method over the others?

Part B: assessment of effects on the environment (continued)

4. Within a reasonable distance of the activity are there any:

(1)	Obvious signs of biota (eg, fish, eels, insect life, aquatic plants)?	Yes ☒	No ☐
(2)	Areas where food is gathered (eg, fish, kaimoana)?	Yes ☒	No ☐
(3)	Wetlands (eg, swamp areas)?	Yes ☒	No ☐
(4)	Waste discharges (eg, from rural sources, industries, sewage plants)?	Yes ☐	No ☒
(5)	Recreational activities carried out (eg, swimming, fishing, canoeing, boating)?	Yes ☒	No ☐
(6)	Areas of particular aesthetic or scientific value (eg, scenic waterfalls, rapids, archaeological sites)?	Yes ☒	No ☐
(7)	Will the proposed activity disturb plants on land?	Yes ☒	No ☐
(8)	Will hazardous or toxic chemicals be used or stored on site (eg, fuel)?	Yes ☒	No ☐
(9)	Will the water quality be affected?	Yes ☒	No ☐
(10)	Will access to the lake or river be affected?	Yes ☐	No ☒
(11)	Will the flow of the lake or river be affected?	Yes ☐	No ☒
(12)	Areas or aspects of significance to iwi that you are aware of?	Yes ☒	No ☐
(13)	Will the proposed activity increase the risk of flooding?	Yes ☐	No ☒

5. Describe the plants, animals and habitat of the surrounding area:

Terrestrial ecology: Chapter 21 of the AEE report (Volume 1).

Freshwater ecology: Chapter 22 of the AEE report (Volume 1).

Marine ecology: Chapter 23 of the AEE report (Volume 1).

6. If you have answered yes to any of the above, describe what effects your proposed land use consent may have and the steps you propose to take to mitigate these:

Terrestrial ecology: Chapter 21 of the AEE report (Volume 1).

Freshwater ecology: Chapter 22 of the AEE report (Volume 1).

Marine ecology: Chapter 23 of the AEE report (Volume 1).

Refer to Part H of the AEE report (Volume 1) for proposed mitigation.

[Continue on a separate page if necessary]

7. Do you propose to undertake any type of monitoring? Yes ☒ No ☐

If yes, what? Refer to the draft Ecological Management and Monitoring Plan (Volume 5).

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Consent No. _____

Renewal: Yes ☐ No ☐

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6c Bridge design information

The following information is required to accompany resource consent applications for bridges or culverts on waterways. Please answer all questions if possible. If you do not know the exact answer(s) an approximate answer will do.

You may wish to discuss the data requirements with one of Greater Wellington's resource advisors.

Please attach any other useful information, calculations, plans or descriptions.

---

1. Give a full description of why the works are to be constructed:

   Refer to Part A of the AEE report (Volume 1).

   For questions 2 and 3 below, refer to Chapter 6 and Appendices 14.A, 14.B, 14.C and 14.D of Technical Report 14 (Volume 3).

2. **Catchment area**

   (1) What is the area of the catchment above the site of the proposed bridge/culvert?

   _____ hectares

   (2) What is the topography (landform) of the area (eg, flat, gently rolling, mountainous)?

   Refer to Plan GA-04 (Volume 4).

   (3) What is the shape of the catchment (eg, long, circular, oval, fan)? _____

   (4) What is the length from the site of the proposed bridge/culvert to the remotest point of the catchment?

   _____ km

   (5) What is the soil type of the catchment (eg, clay, rock, loam, sand)? _____

   (6) What are the vegetation types that could produce debris? _____

3. **Design data**

   (1) Please complete at least one of the following methods of analysis and attach calculations. Results of flow frequency analysis should be used if available.

   (a) Tech Memo 61 - use modified TM61 formula for catchments less than 25 km^2.

   (b) Rational method - give estimated run-off coefficient "C" _____

   (c) Regional flood estimation of Hydrology Centre Publication No. 20 Flood Frequency in New Zealand.

(2) What is the time of concentration (flow time from the furthest point of the catchment to the site?

(3) What is the design rainfall? _____ mm/hour [not required for Publication No. 20.]

(4) What is the design discharge? _____ M^3/s

What calculation method did you use? ☐ 1(a) ☐ 1(b) ☐ 1(c)

☐ Other, specify _____

(5) What is the design discharge frequency (return period or annual exceedence probability)?

(6) Do you have any measured flows? Yes ☐ No ☐

If yes, please attach showing date, discharge (m^3/s), estimated frequency and method of measurement.

(7) What is the highest known flood level at the site? _____ m

(8) What was the estimated frequency for this flood event? _____ years

(9) What was the method for obtaining this flood level? _____

(10) Are there any other bridges or culverts nearby on the same channel? Yes ☐ No ☐

If yes, give details: _____

(11) What is the velocity of design flood for the proposed structure? _____ m/s

(12) Are the flood levels affected by backwater effects? Yes ☐ No ☐

Please describe: _____

[Continue on a separate page if necessary]

4. **Channel data**

Provide a representative cross section of the river/stream.

(1) How wide is the channel? _____ m

(2) What is the gradient at the site of the proposed bridge/culvert? 1 in _____

(3) Is the flood gradient different to the normal gradient? Yes ☐ No ☐

If yes, what is the flood gradient? 1 in _____

(4) Are there any features likely to affect the normal and flood gradients of the channel or cause channel restrictions? Yes ☐ No ☐

If yes, what are these features? _____

(5) Please describe the bed material type and size (eg, silt, gravel, coarse or fine):

For question 4, refer to Chapter 3 of Technical Report 14 (Volume 3).

(6) What is the estimated value of Manning's n upstream of the proposed culvert/bridge site?

_____

5. **Culverts**

(1) What type of culvert do you propose to build (eg, pipe, box, arch)? _____

(2) What is the estimated design flood level and waterway area of the proposed structure?

Flood level: _____ m

Waterway area: _____ m²

(3) Are overflows anticipated from the culvert? Yes ☐ No ☐

If yes, will the overflow return directly to the waterway? Yes ☐ No ☐

If no, where will the overflow go? _____

(4) Does the design anticipate surcharge? Yes ☐ No ☐

If yes, please describe the effects and identify affected parties (see Form 1):

For question 5, refer to Appendices 14.F and 14.G of Technical Report 14 (Volume 3).

_____

_____

(5) What is the length of the proposed culvert? _____ m

(6) What is the slope of the culvert? 1 in _____

(7) Do you have any inlet/outlet details? Yes ☐ No ☐

If yes, please attach.

(8) What provision will you make to prevent overflow scour or approaches?

[Continue on a separate page if necessary]

(9) Will a stilling basin be used? Yes ☐ No ☐

If yes, please give details:

(10) Is there flood protection downstream? Yes ☐ No ☐

If yes, please describe:

(11) Will debris be collected upstream? Yes ☐ No ☐

(12) What allowances have been made in the waterway for collected debris?

(13) Attach a stream cross section showing the culvert and associated filling.

6. **Bridges**

(1) What is the estimated design flood level and waterway area of the proposed structure? _____ m

(2) Will the bridge cause overflows upstream? Yes ☐ No ☐

If yes, will the overflow return directly to the waterway? Yes ☐ No ☐

If no, where will the overflow go? (Please identify any affected parties on Form 1.)

(3) What is the angle of river approach to the bridge? _____ degrees

(4) Could river meanders or erosion alter the approach angle? Yes ☐ No ☐

(5) What is proposed as abutment protection? For question 6, refer toTechnical Report 14 (Volume 3).

Attach details of any bank protection proposed for abutment.

(6) What is the depth of the scourable bed material? _____ m

(7) What is the maximum depth of scour for design flood? _____ m

(8) Will debris be collected upstream? Yes ☐ No ☐

(9) What allowances have been made in the waterway for collected debris?

For (10) below, refer also to Plans S01-28 (Volume 4).

[Continue on a separate page if necessary]

(10) Attach a plan showing pier and abutment positions, span lengths, pier/pile founding level.

(11) Attach a waterway cross section.

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Consent No. _____

Renewal: Yes ☐ No ☐

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REGIONAL COUNCIL

6d Culvert design information

The following information is required to accompany resource consent applications for bridges or culverts on waterways. Please answer all questions if possible. If you do not know the exact answer(s) an approximate answer will do.

You may wish to discuss the data requirements with one of Greater Wellington's resource advisors.

Please attach any other useful information, calculations, plans or descriptions.

---

1. Give a full description of why the works are to be constructed:

   Refer to Chapter 2 of the AEE report (Volume 1).

   For questions 2 and 3 below, refer to Technical Report 14 (Volume 3) and plan set GA01-09.

2. **Catchment area**

   (1) What is the area of the catchment above the site of the proposed bridge/culvert?

   _____ hectares

   (2) What is the topography (landform) of the area (eg, flat, gently rolling, mountainous)?

   (3) What is the shape of the catchment (eg, long, circular, oval, fan)? _____

   (4) What is the length from the site of the proposed bridge/culvert to the remotest point of the catchment?

   _____ km

   (5) What is the soil type of the catchment (eg, clay, rock, loam, sand)? _____

   (6) What are the vegetation types that could produce debris? _____

3. **Design data**

   (1) Please complete at least one of the following methods of analysis and attach calculations. Results of flow frequency analysis should be used if available.

   (a) Tech Memo 61 - use modified TM61 formula for catchments less than 25 km^2.

   (b) Rational method - give estimated run-off coefficient "C" _____

   (c) Regional flood estimation of Hydrology Centre Publication No. 20 Flood Frequency in New Zealand.

(2) What is the time of concentration (flow time from the furthest point of the catchment to the site?

_____

(3) What is the design rainfall? _____ mm/hour [not required for Publication No. 20.]

(4) What is the design discharge? _____ M^3/s

What calculation method did you use? ☐ 1(a) ☐ 1(b) ☐ 1(c)

☐ Other, specify _____

(5) What is the design discharge frequency (return period or annual exceedence probability)?

_____

(6) Do you have any measured flows? Yes ☐ No ☐

If yes, please attach showing date, discharge (m^3/s), estimated frequency and method of measurement.

(7) What is the highest known flood level at the site? _____ m

(8) What was the estimated frequency for this flood event? _____ years

(9) What was the method for obtaining this flood level? _____

(10) Are there any other bridges or culverts nearby on the same channel? Yes ☐ No ☐

If yes, give details: _____

_____

_____

_____

_____

_____

(11) What is the velocity of design flood for the proposed structure? _____ m/s

(12) Are the flood levels affected by backwater effects? Yes ☐ No ☐

Please describe: _____

_____

_____

_____

_____

_____

[Continue on a separate page if necessary]

4. **Channel data**

Provide a representative cross section of the river/stream.

(1) How wide is the channel? _____ m

(2) What is the gradient at the site of the proposed bridge/culvert? 1 in _____

(3) Is the flood gradient different to the normal gradient? Yes ☐ No ☐

If yes, what is the flood gradient? 1 in _____

(4) Are there any features likely to affect the normal and flood gradients of the channel or cause channel restrictions? Yes ☐ No ☐

If yes, what are these features? _____

(5) Please describe the bed material type and size (eg, silt, gravel, coarse or fine):

For question 4 (1-6), refer to Appendix 14.F of Technical Report 14 (Volume 3).

(6) What is the estimated value of Manning's n upstream of the proposed culvert/bridge site?

_____

5. **Culverts**

(1) What type of culvert do you propose to build (eg, pipe, box, arch)? _____

(2) What is the estimated design flood level and waterway area of the proposed structure?

Flood level: _____ m

Waterway area: _____ m²

(3) Are overflows anticipated from the culvert? Yes ☐ No ☐

If yes, will the overflow return directly to the waterway? Yes ☐ No ☐

If no, where will the overflow go? _____

(4) Does the design anticipate surcharge? Yes ☐ No ☐

If yes, please describe the effects and identify affected parties (see Form 1):

For question 5 (1-13), refer to Chapter 5 and Appendix 14.G of Technical Report 14 (Volume 3).

_____

(5) What is the length of the proposed culvert? _____ m

(6) What is the slope of the culvert? 1 in _____

(7) Do you have any inlet/outlet details? Yes ☐ No ☐

If yes, please attach.

(8) What provision will you make to prevent overflow scour or approaches?

[Continue on a separate page if necessary]

(9) Will a stilling basin be used? Yes ☐ No ☐

If yes, please give details:

(10) Is there flood protection downstream? Yes ☐ No ☐

If yes, please describe:

(11) Will debris be collected upstream? Yes ☐ No ☐

(12) What allowances have been made in the waterway for collected debris?

(13) Attach a stream cross section showing the culvert and associated filling.

6. **Bridges**

(1) What is the estimated design flood level and waterway area of the proposed structure? _____ m

(2) Will the bridge cause overflows upstream? Yes ☐ No ☐

If yes, will the overflow return directly to the waterway? Yes ☐ No ☐

If no, where will the overflow go? (Please identify any affected parties on Form 1.)

(3) What is the angle of river approach to the bridge? _____ degrees

(4) Could river meanders or erosion alter the approach angle? Yes ☐ No ☐

(5) What is proposed as abutment protection? For question 6 (1-11), refer to Chapter 6 and Appendix 14.E of Technical Report 14 (Volume 3).

Attach details of any bank protection proposed for abutment.

(6) What is the depth of the scourable bed material? _____ m

(7) What is the maximum depth of scour for design flood? _____ m

(8) Will debris be collected upstream? Yes ☐ No ☐

(9) What allowances have been made in the waterway for collected debris?

For (10) & (11) below, refer to Plans S01-28 (Volume 4).

[Continue on a separate page if necessary]

(10) Attach a plan showing pier and abutment positions, span lengths, pier/pile founding level.

(11) Attach a waterway cross section.

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Consent No. _____

Renewal: Yes ☐ No ☐

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6e Land use consent application for soil disturbance

You should use this form if you want to do something which involves soil disturbance. Soil disturbance means the disturbance of land surfaces by blading, blasting, contouring, cultivating, ripping, root-taking, moving, removing soil or earth, by excavation, or by cutting.

Please answer all questions fully. You should discuss your application with one of Greater Wellington's resource advisors before completing this form.

Please enclose a site plan on Form 1 of your application. This should include the area of proposed soil disturbance, any area of significant slope instability, stockpiles, cut and fill areas, property boundaries, neighbouring dwellings and watercourses (including names if known).

Part A: general

1. Please indicate the type of work to be carried out:

   ☐ Soil disturbance of 500-2,000 m^3 ☒ Soil disturbance of more than 2,000 m^3

2. What is the reason for the soil disturbance?

   Construction of the Transmission Gully Main Alignment and the Kenepuru Link Road.

3. What is the area involved? Plans GM01-21 hectares

4. What is the topography of the area (eg, gently rolling, steep, hilly, flat, etc)?

   Refer to Plan GA-04 (Volume 4).

5. What is the estimated amount of soil to be disturbed? _____ m^3 At what rate? _____ m^3/yr

6. Please describe the material which is to be disturbed (include soil type, underlying rock, slope, vegetation cover):

   Refer to Illustration 3.8 of Technical Report 3 (Volume 3).

Part A: general (continued)

7. Is there a watercourse, dry or flowing, in the vicinity of the activity (include those within 50 m for flat land, and within 500 m for sloping land)? Yes ☒ No ☐

   If yes, please name and give approximate distance from the activity. Include details of steps you propose to take to ensure that no vegetation, soil, slash or other debris can enter the watercourse:

   Refer to Chapter 9 of Technical Report 15 (Volume 3), and plans GA01-08 (Volume 4).

8. What is the proposed commencement date of the work? For questions 8 and 9, refer to Chapter 8 of

9. What is the proposed completion date? the AEE report (Volume 1).

10. Please describe how the work will be carried out:

    Refer to Chapter 8 of the AEE report (Volume 1).

11. Will the work be completed in stages (include the length of time it will take to complete each stage)? Yes ☒ No ☐

    If yes, in what stages?

    Refer to Chapter 8 of the AEE report (Volume 1).

12. Is the work: permanent ☒ or temporary ☐ ?

13. Who will be undertaking the work? A contractor appointed by the NZ Transport Agency.

14. What are the proposed hours of operation/construction?

15. Describe any cut or fill batters, or both (include height, depth of excavation, slope and extent):

    Refer to cross sections in plans GM35-84 (Volume 4).

16. Will you be stockpiling any material? Yes ☒ No ☐

    If yes, please describe the dimension, location and duration of stockpiles:

    Indicative locations and dimensions of stockpiles of material are identified in plans AC01-21 (Volume 4).

Part B: assessment of effects on the environment

Where your activity could have a significant adverse effect on the environment a more detailed environmental assessment is required in accordance with the Fourth Schedule of the Resource Management Act 1991. A resource advisor can discuss this with you.

1. Are there any alternative locations or methods for carrying out the work? Yes ☒ No ☐

   (1) If yes, where or how?

   Refer to Chapter 9 of the AEE report (Volume 1).

   (2) Why have you chosen this location or method over the others?

   Refer to Chapter 9 of the AEE report (Volume 1).

2. Within a reasonable distance of the activity are there any:

   (1) Obvious signs of biota (eg, fish, eels, insect life, aquatic plants)? Yes ☒ No ☐
   (2) Areas where food is gathered (eg, fish, kaimoana)? Yes ☒ No ☐
   (3) Wetlands (eg, swamp areas)? Yes ☒ No ☐
   (4) Waterbodies where quality may be affected? Yes ☒ No ☐
   (5) Areas or aspects of significance to iwi that you are aware of? Yes ☒ No ☐
   (6) Stormwater inlets? Yes ☒ No ☐
   (7) Areas of slope instability (eg, slump, earth flow)? Yes ☒ No ☐

   Describe the plants, animals and habitat of the surrounding area:

   Refer to Technical Reports 6-10 (Ecology) and 18 (Culturally significant areas) (Volume 3).

   If you have answered yes to any of the above, describe what effects your proposed land use consent may have and the steps you proposed to take to mitigate these:

   Refer to Parts G and H of the AEE report (Volume 1).

[Continue on a separate page if necessary]

Part B: assessment of effects on the environment (continued)

3. Are you proposing sediment retention and/or sediment run-off control methods? Yes ☒ No ☐

   If yes, what?

   Refer to Chapter 8 of the AEE report (Volume 1), Technical Report 15 (Volume 3) and plans DR01-21 (Volume 4).

4. Are you proposing any land rehabilitation? Yes ☒ No ☐

   If yes, what?

   Refer to plans LA01-21 (Volume 4).

5. Do you proposed to undertake any type of monitoring? Yes ☒ No ☐

   If yes, what?

   Refer to Part H of the AEE report (Volume 1), Technical Report 15 (Volume 3) and the draft Ecological Mitigation and Monitoring Plan (Volume 5).

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Consent No. _____

Renewal: Yes ☐ No ☐