

Master Set of Transmission Gully Main Alignment and Kenepuru Link Road Conditions

(Does not include PCC Link Roads Conditions or
Transpower Consent Conditions)

(Please note BOI decision did not include the following
conditions: NZTA.5, NZTA.10, NZTA.54, G.29, E.3-5,
CBP.22)

*Does not currently include NZTA or LHJV consenting prior to construction for
access track use or geo-tech investigations; NZTA consenting for two Draper
Fords or Toomey (Forestry) Ford; NZTA consenting for Pauatahanui Golf
Course works, Porirua Shooting Association; or the new Belmont Regional
Park Farming Hub*

Does not include HNZ Archaeological Authorities or DOC Permits

Incorporating Post BOI consenting decisions current as
at ~~7 September 2015~~ 14 February 2020.

Schedule of Confirmed Designation Alterations and,
Condition Changes ~~and Additional Consents (including
NES Consents)~~ obtained since BOI Decision

Conditions Changed	Status	Date Granted
Designation Alterations		
G.54 (Fish Passage Trials)	Pending	
PCC Designation Boundary Alterations (x 2) – no designation conditions were altered.	Confirmed	09/05/14
NZTA.44, NZTA.56, NZTA.81B (<u>timing changes</u>)	Granted	05/03/14
<u>NZTA.1 (minor changes to accommodate cut and fill batters)</u>	<u>Granted</u>	<u>17/06/2014</u>
NZTA.6A, NZTA.6B, NZTA.7, NZTA.7A, NZTA.8, NZTA.9, NZTA.46(fa) (<u>Enabling works</u>)	Granted	19/06/14
NZTA.1 (James Cook Interchange)	Confirmed	23/06/14
NZTA.27, NZTA.84 – NZTA.89, G.58 – G.63	Granted	11/09/14
NZTA.1 (Bridge 25, Bridge 27 and Kenepuru Link Road), NZTA.46(fb, fc, fd), NZTA.48	Confirmed	12/02/15
NZTA.21 (<u>CEMP certification</u>)	Granted	26/08/15
NZTA.1 (Northern Site Compound)	Confirmed	17/06/15
<u>NZTA.1 (Bridge 2 Interchange and Mackays Local Connector Road in Construction Zone A1)</u>	<u>Confirmed</u>	<u>02/05/16</u>
<u>(Access track at Belmont Regional Park)</u>	<u>Confirmed</u>	<u>07/06/16</u>
<u>NZTA.1 (Boundary change south-west of the James Cook Interchange)</u>	<u>Confirmed</u>	<u>24/06/16</u>
<u>NZTA.1 (Carnavon Place access track to BR20)</u>	<u>Confirmed</u>	<u>07/07/16</u>
<u>NZTA.1 (Earthworks and Access Track at Belmont Regional Park)</u>	<u>Confirmed</u>	<u>03/08/16</u>
<u>NZTA.1 (Fill Site F2)</u>	<u>Confirmed</u>	<u>17/10/16</u>
<u>NZTA.1 (Borrow and Fill Sites and Hanging Valleys in B1 and B2)</u>	<u>Confirmed</u>	<u>20/12/16</u>

NZTA.1 (BR8 access track/culvert)	Confirmed	23/03/17
NZTA.1 (Earthworks (Borrow and Fill) at Cut 36 in E1)	Confirmed	18/04/17
NZTA.1 (Bridge 2 Interchange and Mackays Local Connector Road)	Confirmed	05/07/17
NZTA.1 (Minor boundary change B1)	Confirmed	12/07/17
NZTA.1(E1 Embankments)	Confirmed	18/07/17
NZTA.1 (Bridge 19)	Confirmed	18/07/17
NZTA.1 (Fill Site 107 stage II earthworks application 6)	Confirmed	30/08/17
NZTA.1 (Fill Site 167)	Confirmed	10/10/17
NZTA.1 (E1 Distilling Basins)	Confirmed	01/12/17
NZTA.1 (E2 Concrete Stilling Basin)	Confirmed	08/12/17
NZTA.1 (Fill Sites 151, 163, 200A and 200B stage II earthworks application 7)	Confirmed	29/01/18
Regional consent condition changes		
G.20, E.28 (Contaminated Land Plan)	Granted	04/10/13
G.24, G.32, G.33, G.40 (misc.)	Granted	27/11/13
G.22 (cross certification of LUDMP and EMMP)	Granted	14/4/14
G1, G.5, G.6, G.26, G.31, G.32, WS.4, WS.5, WS.6, Schedule A, Schedule B, Schedule C (stream works condition change)	Granted	25/07/14
Schedule A: Permanent Culverts, Schedule B: Bridges, Schedule C Temporary Culverts (Deletion)	Granted	25/07/2014
G.58 – G.63 & WS4 & 5 (enabling works)	Granted	11/09/14
G.39 (Lanes Flat)	Granted	04/11/14
G.39 (Horokiri)	Granted	23/03/15
G.54 (Fish Ppassage tTrials extension of timeframe)	Granted	23/03/15
G.39 (deletion of exhibit 24 reference)	Granted	26/08/15
G.19 (Addition of advice note regarding “detailed design” and “detailed engineering design” and deletion of “final”)	Granted	26/08/15

<u>Schedule F: L5, L6 tables from draft ESCMP (Delete) and replace with new tables Schedule F (Appendix A L5 and Appendix B L6)</u>	<u>Granted</u>	<u>26/08/15</u>
<u>G.42B</u>	<u>Granted</u>	<u>01/11/17</u>

Additional Consents Obtained		
PCC/WCC: NES-SR333841 (WCC), RC6892 (PCC) LU0056/15 (SH1 Margins Kenepuru)	Granted	21/07/15
RC10A, RC11A, RC12A	Granted	25/07/14
KCDC: NES-RM130162 (Car Haulways) <i>*Condition 7 corrected via Section 133A, August 2015</i>	Granted	3/10/13
KCDC: NES-RM130161 (Golden Coast Nurseries) <i>*Condition 7 corrected via Section 133A, August 2015</i>	Granted	3/10/13
KCDC: NES-RM130157 (Mackay's Crossing)	Granted	3/10/13
KCDC: NES-RM130160 (Sang Sue) <i>*Condition 7 corrected via Section 133A, August 2015</i>	Granted	3/10/13
PCC: NES-RC-6540-LU0084/13 (37 Kenepuru Drive)	Granted	1/10/13
PCC: NES-RC-6540-LU0085/13 (Gun Club)	Granted	1/10/13
PCC: NES-RC-6540-LU0086/13 (Garden Supplies)	Granted	1/10/13
PCC: COC (Stockyard North of Battle Hill)	Granted	1/10/13

Additional Consents Obtained by LHJV		
Te Puke Stream Monitor Gravel Extraction	Pending	
GWRC: RM150269 (Two Pipelines under Bed of Pauatahanui Stream and Tributary)	Granted	2/7/15
COC-PCC Vector Gas relocations	Granted	30/06/15

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PCC: NES(Contaminated Soils), Gun Club (RC6540-LU0085/13)	131430429
PCC: NES (Contaminated Soils), Pauatahanui Garden Supplies (RC6540-LU0086/13)	134433432
PCC/WCC NES (Contaminated Soils) Kenepuru Interchange	
Additional Consents obtained by LHJV	
GWRC: RM150269 Two Pipelines under Bed of Pauatahanui Stream and Tributary	

Board of Inquiry Designation Conditions and Resource Consent Conditions (including alterations)

Index of Confirmed Notices of Requirement and Resource Consents

	NZTA Notices of Requirement	General Conditions	Specific Conditions	Appended Documents
NOR 1	Notice of Requirement relating to Kapiti Coast District Council (Main Alignment)	NZTA 1-83		Schedule D: Proposed Mitigation Sites and Treatments (NZTA53)
NOR 2	Notice of Requirement relating to Upper Hutt City Council (Main Alignment)	NZTA 1-83		Schedule D: Proposed Mitigation Sites and Treatments (NZTA53)
NOR 3	Notice of Requirement relating to Porirua City Council (Main Alignment)	NZTA 1-83		Schedule D: Proposed Mitigation Sites and Treatments (NZTA53)
NOR 4	Notice of Requirement relating to Wellington City Council (Main Alignment)	NZTA 1-83		Schedule D: Proposed Mitigation Sites and Treatments (NZTA53)
NOR 5	Notice of Requirement relating to Porirua City Council (Kenepuru Link Road component)	NZTA 1-83		Schedule D: Proposed Mitigation Sites and Treatments (NZTA53)
NOR 6	Notice of Requirement relating to Wellington City Council (Kenepuru Link Road component)	NZTA 1-83		Schedule D: Proposed Mitigation Sites and Treatments (NZTA53)
	NZTA Resource Consents (Main Alignment/Kenepuru Link Road components)			
RC 1	Land use consent – Earthworks For approximately 6 million cubic metres of earthworks for the purpose of road construction over an area of approximately 170 hectares between Linden and MacKays Crossing including five fill sites, construction laydown areas and site compounds, and erosion and sediment control devices; and the associated removal of vegetation including plantation forestry.	G 1-57	E 1-28	Schedule D: Proposed Mitigation Sites and Treatments (G.31); Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 2	Discharge permit To authorise the discharge of sediment laden stormwater and chemically treated (which would include flocculant and similar products) sediment laden water to land that may enter water	G 1-57	E 1-28	Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 3	Discharge permit To authorise the discharge of sediment laden stormwater and chemically treated (which would include flocculant and similar products) sediment laden water to water	G 1-57	E 1-28	Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 4 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Wainui Stream -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 5 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Te Puka Stream -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)

	rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries			
RC 6 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Horokiri Stream -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 7 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Ration Stream – Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 8 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Collins Stream – -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 9 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Pauatahanui Stream -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 10 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Duck Creek -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)

	bed of a stream and associated tributaries			
RC 11 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Kenepuru Stream -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 12 <i>Changed via s127; granted on 25/07/2014</i>	Land use consent and water permit for Porirua Stream -Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts, bridges and associated erosion protection control structures and stormwater outlet structures; -Land use consent to undertake permanent works in the beds streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams; -Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries	G 1-57	WS 1-9	Schedule A: Permanent Culverts; Schedule B: Bridges; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 13	Land use consent To undertake works in, on, over or under the beds of Duck Creek for the purpose of removing existing perched culverts in eight locations, and replacing them with culverts that allow fish passage	G 1-57	Duck.1	Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 14 <i>Changed via s127; granted on 25/07/2014</i>	Land Use Consent for use, placement and erection of structures To undertake works in, on, over or under the beds of streams and associated tributaries including the construction, use and maintenance of bridges, culverts and fords, and water permit for any associated temporary diversion and disturbance of the beds of those streams Explanatory note: this is a global consent for construction works in streams along the entire route.	G 1-57	S 1-4	Schedule C: Temporary Culverts; Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)
RC 15	Discharge Permit for Concrete Batching Plant Discharge of contaminants to air after bag filtration resulting from the mixing of cement powder with other materials to manufacture concrete or concrete products		CPB 1-29	
RC 16	Discharge Permit for Concrete Batching Plant Discharge contaminants to stormwater from an industrial or trade process.		CPB 1-29	
RC 10A <i>Added via s88; granted on 25/07/2014</i>	<u>Land use consent for two tributaries of Duck Creek</u> <u>Land use consent to install two arches (being up to 88m and 110m in length) over the beds of two tributaries of Duck Creek, Porirua</u>	<u>G.1-57</u>		<u>Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)</u>
RC 11A <i>Added via s88; granted on 25/07/2014</i>	<u>Land use consent and water permit for an ephemeral tributary of the Kenepuru Stream</u> <u>Land use consent to undertake activities in the bed of an ephemeral tributary of the Kenepuru Stream, including the installation of a permanent culvert and erosion protection structures (gabions and rock rip rap), reclamation of the stream bed, the disturbance of bed material, and the deposition of material onto the bed of the stream during construction.</u>	<u>G.1-57</u>	<u>WS.1-4, WS.7-8</u>	<u>Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)</u>

	<u>Water permit to temporarily divert the full flow of an ephemeral tributary of the Kenepuru Stream during construction, and to permanently divert the full flow of that ephemeral stream through a new permanent culvert</u>			
RC 12A <i>Added via s88; granted on 25/07/ 2014</i>	<u>Land use consent and water permit for a tributary of the Porirua Stream</u> <u>Land use consent to undertake activities in the bed of a tributary of the Porirua Stream, including the installation of a permanent culvert and erosion protection structures (gabions and rock rip-rap), reclamation of the stream bed, the disturbance of bed material, and the deposition of material onto the bed of the stream during construction</u> <u>Water permit to temporarily diver the full flow of a tributary of the Porirua Stream during construction, and to permanently divert the full flow of that tributary through a new permanent culvert</u>	<u>G.1-57</u>	<u>WS.1-3, WS.5, WS.7-8</u>	<u>Schedule F: Tables L5 and L6 updated from the draft ESCMP (G.39)</u>

NZ Transport Agency – Designation Conditions

Definitions – NZTA Designation Consents	
AEE	Transmission Gully Project Assessment of Effects on the Environment Volumes 1 to 5 dated August 2011
CEMP	Construction Environmental Management Plan
Commencement of Works	means the time when the works that are the subject of these designations commence
Council	Means <i>either</i> the Kapiti Coast District Council (KCDC), Upper Hutt City Council (UHCC), Porirua City Council (PCC) or the Wellington City Council (WCC)
District	Means the Kapiti Coast District, Upper Hutt District, Porirua City District or Wellington City District
District Plan	Means the Kapiti Coast District Plan, Upper Hutt District Plan, Porirua City District Plan or Wellington City District Plan
Existing Network Utilities	All network utilities existing at 15 August 2011. Network utility has the same meaning as in section 166 of the RMA
The Manager	means the regulatory / consents manager of the Council
Outline Plan (OP)	Means an Outline Plan prepared in accordance with section 176A of the RMA
Project	means the construction, maintenance and operation of the Transmission Gully Main Alignment and/or the Kenepuru Link Road
Requiring Authority	Means the New Zealand Transport Agency (NZTA)
RMA or “The Act”	Resource Management Act 1991
Road Asset Manager	Means <i>either</i> the KCDC UHCC, PCC, WCC road asset manager
SSEMP	Means a Site Specific Environmental Management Plan required under the provisions of the regional consents
Stage	means a stage of the Project as nominated by the Requiring Authority
Work	means any activity or activities undertaken in relation to the Project
WRC	Wellington Regional Council

NZ Transport Agency – Conditions on Confirmed Notices of Requirement

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>General Conditions and Administration</p>
<p>NZTA.1.</p> <p><i>Updated via s181(3); <u>Granted Confirmed</u> on 23/06/2014</i></p> <p><i>Updated via Section 181 (1) <u>Granted Confirmed</u> on 12/02/15</i></p> <p><i>Added (c) (d)</i></p> <p><i>Updated via Section 181 (3) <u>Granted Confirmed</u> on 17/06/15</i></p> <p><i>Added (e)</i></p>	<p>Except as modified by the conditions below, and subject to final design, the Project shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated August 2011, and <u>May 2014 and October 2014</u> supporting documents being:</p> <p>(a) Assessment of Environmental Effects report, dated 8 August 2011 <u>and 8 May 2014</u>.</p> <p>(b) Plan sets:</p> <p>i. LR00-20: Land requirement plans</p> <p>ii. GM01-21: Road layout plans <u>except as amended by Drawing No: TG-DRG-ALL-PW-3001 rev.C</u></p> <p>iii. GM22-84: Longitudinal sections and cross sections <u>except as amended by Figures 2 – 5 Revision 1 entitled Transmission Gully – James Cook Drive Interchange dated May 2014 (File Ref:W13134 Figs JamesCook_A3)</u></p> <p>iv. DR01-21: Drainage layout plans</p> <p>v. SO1-29: Structures plans</p> <p>vi. LA01-21: Landscape plans <u>except as amended by Drawing No: TG-DRG-FCP-LD-1053 rev.B</u></p> <p>vii. AC01-21: Construction access plans</p> <p>(c) <u>Alterations to Designations – Bridge 25 Volume 1 (Planning and Technical Reports) and Volume 2 (Plan Set – Attachments A –H) all dated October 2014</u></p> <p>(d) <u>Alterations to Designations – Bridge 27 & Kenepuru Link Road, Volume 1 (Planning and Technical Reports) and Volume 2 (Plan Set – Attachments A – I) all dated October 2014</u></p> <p>(e) <u>Alteration to designation – Northern site compound: as per plan submitted with RM150095.</u></p> <p>(e)(f) <u>Alteration to Designation to accommodate cut and fill batters, dated 17 June 2014</u></p> <p>(g) <u>Alteration to Designation – Designation boundary change Bridge 2 interchange and Mackays local Connector Road, dated 2 May 2016</u></p> <p>_____</p> <p>(h) <u>Alteration to Designation – Designation boundary change south-west of the James Cook Interchange, dated 24 June 2016</u></p> <p>(i) <u>Notice of Requirement to Alter a Designation – Carnavon Place as per TG-CPBH-RPT-STH-EN-9039, dated 7 July 2016</u></p> <p>(j) <u>Notice of Requirement to Alter a Designation – Earthworks Belmont Regional Park, dated 3 August 2016</u></p> <p>(k) <u>Notice of Requirement to Alter a Designation – Fill Site F2 as per TG-CPBH-RPT-STH-EN-9044, dated 17 October 2016</u></p> <p>(f)(l) <u>Notice of Requirement to Alter a Designation – Earthworks (Borrow and Fill Sites and Hanging Valleys) in B1 and B2, dated 20 December 2016.</u></p> <p>(m) <u>Notice of Requirement to Alter a Designation - BR8 access track/culvert, dated 23 March 2017</u></p> <p>(n) <u>Notice of Requirement to Alter a Designation – Earthworks (Borrow and Fill) at Cut 36 in E1, dated 18 April 2017.</u></p> <p>(o) <u>Notice of Requirement to Alter a Designation – Bridge 2 Interchange and Mackays Local Connector Road in Construction Zone A1 as per TG-CPBH-RPT-NTH-EN-9074, dated 5</u></p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p><u>July 2017.</u></p> <p><u>(p) Notice of Requirement to Alter a Designation - Minor boundary change B1, dated 12 July 2017.</u></p> <p><u>(q) Notice of Requirement to Alter a Designation – E1 Embankments, dated 18 July 2017.</u></p> <p><u>(r) Notice of Requirement to Alter a Designation – Bridge 19 as per TG-CPBH-RPT-STH-EN-9059, dated 18 July 2017.</u></p> <p><u>(s) Notice of Requirement to Alter a Designation- Fill Site 107 (stage II earthworks application 6), as per TG-CPBH-RPT-NTH-EN-9101, dated 30 August 2017</u></p> <p><u>(t) Notice of Requirement to Alter a Designation- Fill Site 167, as per TG-CPBH-RPT-CTR-EN-9113 dated 10 October 2017</u></p> <p><u>(u) Notice of Requirement to Alter a Designation - E1 Distilling Basins, dated 01 December 2017.</u></p> <p><u>(v) Notice of Requirement to Alter a Designation - E2 Concrete Stilling Basin, dated 08 December 2017.</u></p> <p><u>(w) Notice of Requirement to Alter a Designation- Fill Sites 151, 163, 200A and 200B (stage II earthworks application 6), as per TG-CPBH-RPT-NTH-EN-9120 dated 20 January 2018.</u></p> <p>For the avoidance of doubt, none of these conditions prevent or apply to works required for the ongoing operation or maintenance of the Project following construction such as changes to street furniture or signage over time. Depending upon the nature of such works, Outline Plans or Outline Plan waivers may be required for any such works.</p> <p>Where there is conflict between the documents listed above and these conditions, these conditions shall prevail.</p>
NZTA.2	<p>As soon as practicable following completion of construction of the Project, the Requiring Authority shall:</p> <p>(a) Review the width of the area designated for the Project;</p> <p>(b) Identify any areas of designated land that are no longer necessary for the ongoing operation, or maintenance of the Project or for ongoing mitigation measures; and</p> <p>(c) Give notice to the Council in accordance with section 182 of the RMA for the removal of those parts of the designation identified in NZTA.2(b) above.</p>
NZTA.3	<p>The designation shall lapse if not given effect to within 15 years from the date on which it is included in the District Plan under Section 175 of the RMA.</p>
NZTA.3A	<p>The Requiring Authority shall reimburse the Council for its actual and reasonable costs incurred in carrying out its functions pursuant to Section 36(1)(d) of the RMA.</p>
NZTA.3B	<p>No earlier than six months after the commencement of the Project and no later than 12 months from that date the Requiring Authority shall:</p> <p>Consult with PCC, WRC, Paremata Residents Association Inc, Plimmerton Residents Association Inc, and Ngati Toa Rangitira in relation to its proposals for the Work Paremata Road, Mana Esplanade and St Andrews Road following the construction of the Transmission Gully Motorway Project, including the following matters:</p> <p>(a) Ownership and control of the Work Paremata Road, Mana Esplanade and St Andrews Road;</p> <p>(b) Options relating to the future of the existing Paremata Bridge;</p> <p>(c) The continuation of four laning of St Andrews Road between Acheron Road and James Street;</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>(d) Measures (to the extent that they are legally available) to restrict or discourage heavy vehicle movements through the Work Paremata Road, Mana Esplanade and St Andrews Road;</p> <p>(e) Other measures required to ensure an adequate level of service for the traffic volumes and traffic type expected to use the Work Paremata Road, Mana Esplanade and St Andrews Road;</p> <p>(f) Provision of arrangements for cyclists;</p> <p>(g) Alteration of footpath widths;</p> <p>(h) Removal of traffic lights;</p> <p>(i) Changes to the operation of the clearways or High Occupancy Vehicle lanes;</p> <p>(j) Alteration of arrangements in relation to capacity;</p> <p>(k) Any changes to be sought to the any NZTA designation in relation to those matters; and</p> <p>Report on the outcomes of that consultation to PCC and WRC for the purposes of ensuring that PCC and WRC are fully informed of the views of the public and those bodies, and of the Requiring Authority's intended response to that consultation.</p>
	<p>Outline Plans and Management Plans</p>
NZTA.4	<p>Subject to Condition NZTA.5 below, the Requiring Authority shall submit an Outline Plan (OP) (or Plans) to the Council for the part of the Project located within the District or for each Project stage within the District, in accordance with section 176A of the RMA.</p>
NZTA.6	<p>The OP(s) shall include the following Plans for the relevant stage(s) of the Project:</p> <p>(a) Heritage Management Plan (HMP);</p> <p>(b) Construction Traffic Management Plan (CTMP);</p> <p>(c) Landscape and Urban Design Management Plan (LUDMP);</p> <p>(d) Construction Noise and Vibration Management Plan; and</p> <p>(e) Construction Air Quality (Dust) Management Plan.</p> <p>Advice Note: The Construction Environmental Management Plan (CEMP) may be submitted with the OP for information – but recognising that the Wellington Regional Council shall have a role in certifying this Plan. The Requiring Authority shall ensure that if the CEMP is changed or updated as a result of the WRC and relevant Territorial Authority certification process that the most up to date version is provided to the Council.</p>
<p>NZTA.6A Updated via s181(3); Granted Confirmed on 19/06/2014</p>	<p><u>Any management plan(s) specified in Condition NZTA.6 may be submitted to the Council as part of an Outline Plan(s) and be processed in accordance with section 176A of the RMA (as specified in Condition NZTA.4) without including the requirements of Conditions NZTA.24, NZTA.37, NZTA.47 and NZTA.48, provided that:</u></p> <ul style="list-style-type: none"> • <u>No construction traffic shall use Rangatira Road adjoining the properties referred to in NZTA.24; and</u> • <u>No works shall commence within 200m of the properties (either individually or as a group) referred to in Conditions NZTA.37, NZTA.47 and NZTA.48, and no further action shall be taken to reduce the 200m zone in whole or in part;</u> <p><u>until such time as an amendment to the relevant management plan(s) fulfilling the requirements of those conditions is submitted to the Council and processed in accordance with NZTA.7A below. If the amendments included in the relevant management plan(s) require an associated amendment to an aspect of an Outline Plan(s), then this shall also be submitted to the Council and processed at the same time, in accordance with NZTA.7A.</u></p>
<p>NZTA. 6B Updated via s181(3);</p>	<p><u>The LUDMP specified in Condition NZTA.6 may be submitted to the Council as part of an Outline Plan(s), and be processed in accordance with section 176A of the RMA (as specified in Condition NZTA.4), without including specific landscape design details for the Project areas identified in the LUDMP in accordance with Condition NZTA.46(fa), provided that no</u></p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
<p><u>Confirmed</u> <u>Granted</u> on 19/06/2014</p>	<p>works shall commence within these Project areas until such time as an amendment to the LUDMP, which includes the specific landscape design details for these areas, is submitted to the Council and processed in accordance with NZTA.7A below. If these amendments to the LUDMP require an associated amendment to an aspect of an Outline Plan(s), then this shall also be submitted to the Council and processed at the same time, in accordance with NZTA.7A.</p>
<p>NZTA.7 Updated via s181(3); <u>Confirmed</u> <u>Granted</u> on 19/06/2014</p>	<p>All works shall be carried out in accordance with the Outline Plan and management plans required by these conditions, <u>subject to Conditions NZTA.6A and NZTA.6B.</u></p>
<p>NZTA.7A Updated via s181(3); <u>Confirmed</u> <u>Granted</u> on 19/06/2014</p>	<p>(a) <u>The Requiring Authority may submit to the Council amendments to the Outline Plan(s) or management plan(s) required under Conditions NZTA.4 and NZTA.6, provided that such amendments have been identified in the revised programme required under condition NZTA.8;</u></p> <p>(b) <u>Any amendments to the management plan(s) shall remain consistent with the overall intent of the relevant management plan;</u></p> <p>(c) <u>For the avoidance of doubt, amendments to any Outline Plan(s) or management plan(s) required under Condition NZTA.4 or NZTA.6 shall be processed under the relevant NZTA conditions and under the provisions of section 176A of the RMA in relation to those aspects of the Outline Plan(s) or management plan(s) that are amended.</u></p>
	<p>Advice Note: <u>For the avoidance of doubt, where an Outline Plan or management plan is amended in accordance with Condition NZTA.7A, any works in accordance with that amended Outline Plan or management plan (that were not in accordance with the Outline Plan or management plan prior to its amendment) shall not commence until the process under section 176A of the RMA has been completed in relation to those aspects of the Outline Plan or management plan that is being amended.</u></p>
<p>NZTA.8 Updated via s181(3); <u>Confirmed</u> <u>Granted</u> on 19/06/2014</p>	<p>In order to assist the Council with planning for staff resourcing, at least three months prior to the submission of the first Outline Plan for the Project, the Requiring Authority shall provide the Manager with a programme. The programme shall set out:</p> <p>(a) The estimated timing for undertaking all the required consultation on the development of any management plans that are required to be prepared under these conditions and/or as part of the Outline Plan (or Plans);</p> <p>(b) The estimated timing for provision of the EMMP and CEMP that are required under the regional consent conditions for Council comments, and/or the timing of provision of draft management plans (if any) for comments;</p> <p>(c) Expected response times for Council officers; and</p> <p>(d) The date proposed for the submission of the Outline Plan (or Plans).</p>
	<p>The Requiring Authority shall give reasonable consideration to accommodating any concerns raised by the Council over the proposed timing; and</p> <p>If requested by the Council, the Requiring Authority shall give reasonable consideration to extending the timeframes for processing the Outline Plan (or Plans) beyond that set out in section 176A of the Act.</p> <p><u>Prior to commencement of construction, the Requiring Authority shall provide the Manager with a revised programme at least one month before the submission of amendments to the Outline Plan(s) or management plan(s) required under Conditions NZTA.4 and NZTA.6.</u></p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
NZTA.9 <i>Updated via s181(3);</i> <i>Confirmed Granted on 19/06/2014</i>	Once construction has commenced, the Requiring Authority shall provide the Manager with an updated schedule of construction activities and timing of any <u>updates to, or further,</u> management plans, and/or Outline Plans <u>and/or other</u> reports that are required to be prepared for the Project at monthly intervals throughout the construction phase of the entire Project.
NZTA.11	The following Outline Plan(s) and management plans shall be made available for public viewing at one or more of the Project site offices: (a) Confirmed Outline Plan(s); (b) Construction Environmental Management Plan (CEMP) ; (c) Construction Noise and Vibration Management Plan (CNVMP); (d) Construction Air Quality Management Plan (CAQMP); (e) Heritage Management Plan (HMP); (f) Construction Traffic Management Plan (CTMP); and (g) Landscape and Urban Design Management Plan (LUDMP). Where practicable, electronic copies of the management plans shall be made available upon request.
	<p style="text-align: center;">Communications and Public Liaison – Construction</p>
NZTA.12	A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact at all times for persons affected by the construction work. The Requiring Authority shall take appropriate steps to seek to advise all affected parties of the liaison person's name and contact details. If the liaison person will not be available for any reason, an alternative person shall be nominated. The Requiring Authority shall seek to ensure that a Project contact person is available by telephone 24 hours per day/seven days per week during the construction phase of the Project.
NZTA.13	Prior to the commencement of construction and/or enabling works, the Requiring Authority shall prepare and implement a Communications Plan that sets out procedures detailing how the public will be communicated with throughout the construction period. As a minimum, the Communications Plan shall include: (a) Details of a contact person available on site at all times during works. Contact details shall be prominently displayed at the entrance to the site(s) so that they are clearly visible to the public at all times; (b) Methods to consult on and to communicate the proposed hours of construction activities outside of normal working hours and on weekends and public holidays, to surrounding residential communities, and methods to deal with concerns raised about such hours; (c) Methods to record concerns raised about hours of construction activities and, where practicable, methods to avoid particular times of day which have been identified as being particularly sensitive for neighbours; (d) Details of communications activities proposed including: i. Publication of a newsletter, or similar, and its proposed delivery area. ii. Newspaper advertising iii. Notification and consultation with individual property owners and occupiers with dwellings within 20 metres of construction activities; The Communications Plan shall also include linkages and cross-references to methods set out in other management plans where relevant.
NZTA.14	The Communications Plan required by Condition NZTA.13. shall be prepared in consultation with the owners and occupiers of the following properties: <ul style="list-style-type: none"> • 4 Rangatira Road;

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<ul style="list-style-type: none"> • 17 Rangatira Road; • 19 Rangatira Road; • 21 Rangatira Road; • 23 Rangatira Road; • 25 Rangatira Road; • 55 Collins Avenue. <p>The Communications Plan shall set out how any issues raised in consultation with these owners and occupiers have been incorporated, or if they have not been incorporated, the reasons why.</p>
NZTA.14A	<p>The Communications Plan required by Condition NZTA.13 shall be prepared in consultation with Battle Hill Eventing and shall set out how any issues raised in consultation have been incorporated, or if they have not been incorporated, the reasons why.</p> <p>The Requiring Authority shall also ensure that Battle Hill Eventing is provided with a copy of the programme required by Condition NZTA.9 where it is relevant to works occurring within Battle Hill Farm Forest Park.</p>
	<p style="text-align: center;">Complaints – Construction</p>
NZTA.15	<p>At all times during construction work, the Requiring Authority shall maintain a permanent record of any complaints received alleging adverse effects from, or related to, the exercise of this designation. The record shall include:</p> <ol style="list-style-type: none"> (a) the name and address (as far as practicable) of the complainant; (b) identification of the nature of the complaint; (c) location, date and time of the complaint and of the alleged event; (d) weather conditions at the time of the complaint (as far as practicable), and including wind direction and approximate wind speed if the complaint relates to air quality. (e) the outcome of the Requiring Authority’s investigation into the complaint; (f) measures taken to respond to the complaint; and (g) any other activities in the area, unrelated to the Project that may have contributed to the complaint, such as non-Project construction, fires, traffic accidents or unusually dusty conditions generally. <p>The Requiring Authority shall also keep a record of any remedial actions undertaken.</p> <p>This record shall be maintained on site and shall be made available to the Manager and Wellington Regional Council, upon request. The Requiring Authority shall notify the Manager and Wellington Regional Council in writing of any such complaint within 5 working days of the complaint being brought to the attention of the Requiring Authority.</p>
	<p style="text-align: center;">Archaeology and Heritage</p> <p>Advice note: An authority under section 12 of the Historic Places Act will be sought prior to the commencement of construction and is also likely to require the preparation of an HMP (or an Archaeological Management Plan).</p>
NZTA.16	<p>An Outline Plan (or Plans) for the construction of any part of the Project located within the District or for the construction of any Project stage within the District shall include Heritage Management Plan (HMP). The HMP shall be prepared in consultation with the Council, Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust. Any comments and inputs received from these parties shall be clearly documented within the management plan, along with clear explanation of where any comments have not been incorporated and the reasons why.</p> <p>The HMP shall include:</p> <ol style="list-style-type: none"> (a) A map showing the area covered by the HMP;

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<ul style="list-style-type: none"> (b) A map showing the location of the brick fuel containment structure; (c) A map showing the location of St Joseph’s Church and other associated features within the Church site grounds; (d) A map showing all other known archaeological sites and features located within 500 metres of the designation boundary; (e) The methodology for accurately locating the brick fuel containment structure in relation to the extent of the proposed construction works, physically pegging out and/or fencing an exclusion zone around it and managing effects on it during construction; (f) All methods that will be used to manage effects of the Project on St Joseph’s Church during construction including specific measures to be applied in the event of damage or likelihood of damage to the glacier windows; (g) The results of an up to date condition survey of St Joseph’s Church undertaken not more than one month prior to submission of the Outline Plan, and a post construction condition survey not more than one month after completion of construction, so that the effects of construction can be accurately assessed; (h) Any heritage monitoring requirements; (i) Methods for reporting monitoring results to the relevant Council, New Zealand Historic Places Trust and Ngati Toa; (j) Procedures, stand down periods and dispute resolution processes to be applied in the event of an archaeological discovery; and (k) Methods for transferring any relevant information to Council and the New Zealand Historic Places Trust upon completion of works. <p>The HMP shall be consistent with any conditions imposed by any relevant New Zealand Historic Places Trust authority.</p>
NZTA.17	The existing Conservation Plan for St Joseph’s Church shall be updated at least one month prior to any construction works commencing within 500 metres of the Church.
NZTA.18	A Conservation Plan for the brick fuel containment structure shall be prepared at least one month prior to the commencement of construction where this is to occur between chainage 2,000m and 3,000m. This plan shall include: an assessment of how public access to the structure could be achieved whilst maintaining public safety and managing the potential for adverse effects on the structure (e.g. vandalism); and the inclusion of amenity planting, tidying up after completion of construction, removal of vegetation growing out of the structure where a suitably qualified heritage professional and a structural engineer have concluded that this vegetation has the potential to damage the structure, and weed removal around the structure.
NZTA.19	<p>The Requiring Authority, in consultation with, Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust, shall prepare an accidental discovery protocol, and provide a copy to the Council at the same time as submission of the Outline Plan. The protocol shall be implemented in the event of accidental discovery of cultural or archaeological artefacts or features during the construction of the Project. The protocol shall include, but not be limited to:</p> <ul style="list-style-type: none"> (a) Training procedures for all contractors regarding the possible presence of cultural or archaeological sites or material, what these sites or material may look like, and the relevant provisions of the Historic Places Act 1993 if any sites or material are discovered; (b) Parties to be notified in the event of an accidental discovery shall include, but need not be limited to Te Runanga o Toa Rangatira Inc, the New Zealand Historic Places Trust, the WRC, the relevant District or City Council and the New Zealand Police (if koiwi are discovered); (c) Procedures to be undertaken in the event of an accidental discovery (these shall include immediate ceasing of all physical works in the vicinity of the discovery); and (d) Procedures to be undertaken before Work under this designation may recommence in the vicinity of the discovery. These shall include allowance for appropriate tikanga

Reference	Conditions – NZTA Confirmed Notices of Requirement
	(protocols), recording of sites and material, recovery of any artefacts, and consulting with Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust prior to recommencing works in the vicinity of the discovery.
	<p>Construction Environmental Management Plan</p> <p>Advice Note: The CEMP is required to be certified by the Wellington Regional Council and the relevant Territorial Authority. The CEMP is to be supplied to the Councils for an initial consultation process, and then the final document is required to be supplied for information, and display in a site office.</p>
NZTA.20	The Requiring Authority shall, at least 20 working days prior to submitting the Construction Environmental Management Plan required by Condition NZTA.21 (and by the regional consent conditions) to the Councils for certification, submit a draft to the Councils for comment. Any comments received shall be supplied to the Wellington Regional Council and the relevant Territorial Authority when the CEMP is submitted, along with clear explanation of where any comments have not been incorporated and the reasons why.
<p>NZTA.21</p> <p><i>Changed via Section 127; Confirmed granted on 26/08/15</i></p>	<p>The CEMP shall confirm final Project details, staging of Work, and detailed engineering design to ensure that the Project remains within the limits and standards approved on this designation and that the construction and operation activities avoid, remedy or mitigate adverse effects on the environment in accordance with the conditions imposed on this designation, and any resource consents granted to assist the Requiring Authority in constructing the Project.</p> <p>The draft CEMP submitted with the application (dated July 2011) shall be used as a basis for the preparation of the CEMP. The CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for Project quality assurance; final detailed design; construction methodologies; timeframes and monitoring processes and procedures.</p> <p><u>Advice Note: “Detailed design” and “detailed engineering design” for the purposes of meeting the requirements of this condition relates to the level of design necessary to show the physical extent and form of permanent Project works. This is to enable Councils to determine whether the permanent works are in general accordance with the designations and resource consents for the Project while also addressing their respective conditions.</u></p> <p>A CEMP shall include but need not be limited to:</p> <p>(1) <i>Quality Assurance</i></p> <p>A Quality Assurance section which shall include management frameworks, systems and procedures for quality management of all on-site activities and compliance with the conditions imposed on this designation and any resource consents granted to assist the Requiring Authority in constructing the Project. Among other matters this section shall provide details of the following:</p> <ol style="list-style-type: none"> (a) Name, qualifications, relevant experience and contact details of an appropriately qualified and experienced project manager, who shall be responsible for overseeing compliance with the CEMP; (b) Names, qualifications, relevant experience, and methods for contacting principal staff employed on the relevant part of the Project, along with details of their roles and responsibilities; (c) Methods and systems to inform and train all persons working on site of potential environmental issues and how to comply with conditions of the consent; (d) Systems and processes whereby the public are informed of contact details of the project manager and principal staff identified above; (e) Liaison procedures with the Council; and (f) Communication protocols.

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>(2) <i>Site Management</i></p> <p>The Site Management section of the CEMP shall detail procedures to manage the relevant part of the Project throughout the entire construction process in a safe manner. Among other matters, this section shall provide details of the following:</p> <ul style="list-style-type: none"> (a) Details of the site access for all Work associated with construction of the part of the Project; (b) Measures to be adopted to maintain the site in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities; (c) Location of workers' conveniences (e.g. portaloos); (d) Procedures for controlling sediment run-off into the watercourses/streams, dust and the removal of soil, debris and construction materials from the watercourses/streams and riparian margins (including identifying the location of wheel wash facilities); (e) A contingency plan in the event that there is any unconsented discharge to watercourses/streams; (f) Details of the storage of fuels and lubricants (which shall require that storage be banded or contained in such a manner so as to prevent the discharge of contaminants from spillages); (g) Details of the proposed maintenance of machinery and plant to minimise the potential for leakage of fuels and lubricants; (h) Location of vehicle and construction machinery access and storage during the period of site works; (i) Procedures for thoroughly cleaning all machinery of unwanted vegetation (e.g. weeds), seeds or contaminants prior to entering the site and any other methods to avoid the introduction or spread of unwanted weeds or pests; (j) Methods for the clear identification and marking of the construction zones including those which extend into watercourses; (k) A methodology that prescribes the extent to which machinery can operate in the vicinity of watercourses so as to minimise disruption and damage to the watercourses and associated vegetation; (l) Methods to manage public health and safety during the construction works, and notification to the public of temporary access restrictions to the immediate works area during the staged construction; (m) Confirmation that no equipment or machinery will be cleaned, or refuelled in any part of any watercourses/streams, except as otherwise specifically provided for in the CEMP or an SSEMP; and (n) Procedures for removing all contaminants (e.g. fuel, hydraulic oils, lubricants etc) from the site at the end of the construction period, except for those required for ongoing maintenance of the road and operational activities. <p>(3) <i>Construction Programme and Methodology</i></p> <p>A Construction Programme which shall include a programme of works that seeks to enable the relevant part of the Project to be constructed in a manner that is timely, adequately co-ordinated and manages the adverse effects of construction on the environment. This section shall, among other matters, provide details on the following:</p> <ul style="list-style-type: none"> (a) A detailed staging programme and anticipated timetable for construction works during the relevant part of the Project; and (b) A methodology to identify how earthworks will be staged during the relevant part of the Project to manage the effects of the Project on the Pauatahanui Inlet. <p>(4) <i>Layout Drawings</i></p> <p>Drawings showing the proposed layout of the carriageway design and footprint, construction yards and compounds, including associated buildings, fencing and site accesses. The</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>layout drawings shall, as far as practicable, show the location of the following:</p> <ul style="list-style-type: none"> (a) The main access to the construction yards which shall be located as far away as practicable from residential dwellings; (b) Noisy construction activities which shall be located as far away as practicable from residential dwellings; and (c) Temporary acoustic fences and visual barriers.
	<p>Traffic Management and Rooding – Construction</p>
NZTA.22	<p>An Outline Plan (or Plans) for the construction of any part of the Project located within the District or for the construction of any Project stage within the District shall include a Construction Traffic Management Plan (CTMP). The CTMP submitted with the application (dated May 2011) shall be updated and used as a basis for developing and finalising this plan.</p> <p>This CTMP shall address the following:</p> <ul style="list-style-type: none"> (a) The staging of the works, including details of any proposals to work on multiple sections of the Project route concurrently; (b) Details of construction yard access points where they gain access directly from a local road; (c) A general methodology for selecting detour routes; (d) The potential effects on the detour routes selected and how these will be managed to seek to ensure safety for all road users; and (e) A process for the submission of Site Specific Traffic Management Plans.
NZTA.23	<p>The CTMP shall be prepared in consultation with the Council’s Road Asset Manager (or their nominee(s)), and this consultation shall commence at least 20 working days prior to submission of the Outline Plan using a draft plan as a starting point for discussions.</p> <p>Any comments and inputs received shall be clearly documented within the management plan, along with clear explanation of where any comments have not been incorporated and the reasons why.</p>
NZTA.24	<p>The CTMP required by Condition NZTA.22. shall be prepared in consultation with the owners and occupiers of the following properties:</p> <ul style="list-style-type: none"> • 4 Rangatira Road • 17 Rangatira Road • 19 Rangatira Road • 21 Rangatira Road • 23 Rangatira Road • 25 Rangatira Road <p>The CTMP shall set out how any issues raised in consultation with these owners and occupiers have been incorporated, or if they have not been incorporated, the reasons why.</p>
+NZTA.25	<p>As far as practicable, the CTMP required by Condition NZTA.22 and any associated Site Specific Traffic Management Plans required by Condition NZTA.28 shall seek to minimise the use of Rangatira Road for staff or construction related carparking, and as a construction access route, and shall prohibit heavy vehicles from using Rangatira Road to access the site as much as practicable.</p>
NZTA.26	<p>A copy of the CTMP shall be provided to the Road Asset Manager at least 20 working days prior to commencement of construction of any part of the Project within the District.</p>
<p>NZTA.27 Updated via s181(3); <i>Confirmed</i></p>	<p>The CTMP, or the Enabling Works Management Plan (EWMP) if an EWMP is prepared in accordance with conditions NZTA.84 to NZTA.89, shall contain a section setting out methods to manage the construction traffic effects of the harvesting of plantation forestry as part of the enabling works for the Project. These methods shall include but not be limited to:</p> <ul style="list-style-type: none"> (a) Traffic and access considerations;

Reference	Conditions – NZTA Confirmed Notices of Requirement
<p><i>Granted on 11/09/2014</i></p>	<ul style="list-style-type: none"> (b) Methods to manage effects on the amenity of surrounding residential neighbourhoods including hours of operation and number of heavy vehicle movements per day; (c) The areas to be cleared at any one time; and (d) Methods to maintain the quality of local roads used as access routes.
<p>NZTA.28</p>	<p>1. Site Specific Traffic Management Plans (SSTMPs) shall be prepared following consultation with the following key stakeholders:</p> <ul style="list-style-type: none"> (a) The Council; (b) Emergency services (police, fire and ambulance). (c) Schools and childcare centres with frontage or access to roads within which works in relation to the relevant part of the Project will take place. <p>2. The SSTMPs shall be provided to the Manager at least 5 working days for a “minor” SSTMP and at least 10 working days for a “major” SSTMP prior to the commencement of work in that area for certification that:</p> <ul style="list-style-type: none"> (a) They are consistent with the CTMP (b) Consultation has been undertaken with key stakeholders; and (c) That all the details required under this condition are shown, along with any other matters relevant to managing the effects of construction traffic. <p>3. The SSTMP shall describe the measures that will be taken to manage the traffic effects associated with the construction of specific parts of the Project prior to construction of the relevant part(s) of the Project commencing.</p> <p>In particular SSTMPs shall describe:</p> <ul style="list-style-type: none"> (a) How it is consistent with the CTMP; (b) Temporary traffic management measures required to manage impacts on road users during proposed working hours; (c) Delay calculations associated with the proposed closure/s and detour routes; (d) The capacity of any proposed detour route(s) and their ability to carry the additional traffic volumes and any known safety issues associated with the detour route, including any mitigation measures the Requiring Authority proposes to put in place to address any identified safety issues; (e) Individual traffic management plans for intersections of the proposed Project with arterial roads; (f) Measures to maintain, where practicable, existing vehicle access to adjacent properties and businesses; (g) Measures to maintain, where practicable, safe and clearly identified pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Where detours are necessary to provide such access the Requiring Authority shall provide for the shortest and most convenient detours, which it is reasonably practicable to provide, having regard to safety; (h) Any proposed temporary changes in speed limit; (i) Provision for safe and efficient access of construction vehicles to and from construction site(s); and (j) The measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders. <p>5. For the purposes of this condition, a “minor” SSTMP shall be defined as involving works of 5 or less days in duration, and a “major” SSTMP shall be defined as involving works of more than 5 days in duration.</p>
<p>NZTA.29</p>	<p>The CTMP and SSTMP(s) shall be consistent with the version of the NZ Transport Agency Code of Practice for Temporary Traffic Management (COPTTM) which applies at the time the CTMP or the relevant SSTMP is prepared.</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
NZTA.30	The CTMP and SSTMP(s) shall undergo an independent safety and traffic operational review, by a suitably qualified independent party, prior to being submitted to the Council.
NZTA.30A	<p>Where construction works are occurring within Battle Hill Farm Forest Park and Belmont Regional Park and have the potential to block access to existing walking, cycling and/or horse-riding tracks for more than three months, the Requiring Authority shall prepare an SSTMP for certification by the Manager that:</p> <ol style="list-style-type: none"> 1. Consultation has been undertaken with Tararua Tramping Club, Battle Hill Eventing, and Mana Cycle Group; 2. The matters in this condition are appropriately addressed. <p>The SSTMP shall specifically deal with the following matters, whilst having regard to public health and safety:</p> <ol style="list-style-type: none"> (a) Providing signage at an appropriate starting point on the track explaining the nature of any access changes, such that it makes it easy for the user to make a decision about whether to continue along the track; (b) Measures to maintain, where practicable, safe and clearly sign-posted alternative tracks around the construction works; and (c) Measures to provide for the shortest and most convenient detours that are reasonably practicable.
NZTA.31	The Requiring Authority shall carry out random auditing of temporary road closure/s in accordance with COPTTM at regular intervals throughout the construction of the Project. The intervals shall be stated in the CTMP.
NZTA.32	Prior to the commencement of any part of the Project, or any enabling works within the District, the Requiring Authority shall undertake a pre-construction condition survey of the carriageway/s along those local roads affected by the Project for which the Council is the road controlling authority and submit it to the Manager and the Roding Asset Manager. The condition survey shall consist of a photographic or video record of the carriageway, and shall include roughness, rutting defects and surface condition.
NZTA.33	The Requiring Authority shall, carry out regular inspections of the road networks affected by the Project during construction, to ensure that all potholes and other damage resulting from the construction of the Project are repaired as soon as practicable.
NZTA.33A	The Requiring Authority shall ensure that procedures are adopted to prevent the deposition of slurry, clay or other materials on the roads by vehicles leaving the site where such material is liable to cause a nuisance or hazard. Procedures shall include but not be limited to use of an on-site wheel wash.
NZTA.34	As soon as practicable following completion of construction of the Project the Requiring Authority shall, at its expense, conduct a post-construction condition survey of the road network affected by the Project. The results of the pre and post construction surveys will be compared and where necessary, the Requiring Authority shall at its expense arrange for repair of any damage to the carriageways and footpaths (and associated road components), for which the Council is the road controlling authority, where that damage has resulted from the impacts of construction of the Project. Any repairs shall be undertaken to the satisfaction of the Road Controlling Authority.
	Construction Noise and Vibration Management
NZTA.35	<p>An Outline Plan (or Plans) for the construction of any part of the Project located within the District or for the construction of any Project stage within the District shall include a Construction Noise and Vibration Management Plan (CNVMP) that shall:</p> <ol style="list-style-type: none"> 1. Be generally consistent with the draft CNVMP submitted with the application (dated July 2011); 2. Demonstrate that appropriate consultation has been undertaken with parties listed in Condition NZTA.37; and 3. Address all the matters listed in condition NZTA.36.

Reference	Conditions – NZTA Confirmed Notices of Requirement																																											
	<p>The CNVMP shall be prepared in consultation with the Council, and this consultation shall commence at least 20 working days prior to submission of the Outline Plan using a draft plan as a starting point for discussions. Any comments and inputs received from the Council shall be clearly documented within the management plan, along with clear explanation of where any comments have not been incorporated and the reasons why.</p>																																											
NZTA.36	<p>The CNVMP shall:</p> <p>(a) Be prepared by a suitably qualified acoustics specialist;</p> <p>(b) Include specific details relating to methods for the control of noise associated with all relevant Project construction works, which shall be formulated to, as far as practicable, comply with the following criteria in accordance with NZS 6803:1999:</p> <table border="1" data-bbox="338 607 1251 1422"> <thead> <tr> <th data-bbox="338 607 587 663">Day</th> <th data-bbox="592 607 810 663">Time</th> <th data-bbox="815 607 1034 663">L_{Aeq(15 min)}</th> <th data-bbox="1038 607 1251 663">L_{Afmax}</th> </tr> </thead> <tbody> <tr> <td data-bbox="338 669 587 913" rowspan="4">Weekdays</td> <td data-bbox="592 669 810 725">0630h – 0730h</td> <td data-bbox="815 669 1034 725">55 dB</td> <td data-bbox="1038 669 1251 725">75 dB</td> </tr> <tr> <td data-bbox="592 732 810 788">0730h – 1800h</td> <td data-bbox="815 732 1034 788">70 dB</td> <td data-bbox="1038 732 1251 788">85 dB</td> </tr> <tr> <td data-bbox="592 795 810 851">1800h – 2000h</td> <td data-bbox="815 795 1034 851">65 dB</td> <td data-bbox="1038 795 1251 851">80 dB</td> </tr> <tr> <td data-bbox="592 857 810 913">2000h – 0630h</td> <td data-bbox="815 857 1034 913">45 dB</td> <td data-bbox="1038 857 1251 913">75 dB</td> </tr> <tr> <td data-bbox="338 920 587 1164" rowspan="4">Saturday</td> <td data-bbox="592 920 810 976">0630h – 0730h</td> <td data-bbox="815 920 1034 976">45 dB</td> <td data-bbox="1038 920 1251 976">75 dB</td> </tr> <tr> <td data-bbox="592 983 810 1039">0730h – 1800h</td> <td data-bbox="815 983 1034 1039">70 dB</td> <td data-bbox="1038 983 1251 1039">85 dB</td> </tr> <tr> <td data-bbox="592 1046 810 1102">1800h – 2000h</td> <td data-bbox="815 1046 1034 1102">45 dB</td> <td data-bbox="1038 1046 1251 1102">75 dB</td> </tr> <tr> <td data-bbox="592 1108 810 1164">2000h – 0630h</td> <td data-bbox="815 1108 1034 1164">45 dB</td> <td data-bbox="1038 1108 1251 1164">75 dB</td> </tr> <tr> <td data-bbox="338 1171 587 1415" rowspan="4">Sundays and Public Holidays</td> <td data-bbox="592 1171 810 1227">0630h – 0730h</td> <td data-bbox="815 1171 1034 1227">45 dB</td> <td data-bbox="1038 1171 1251 1227">75 dB</td> </tr> <tr> <td data-bbox="592 1234 810 1290">0730h – 1800h</td> <td data-bbox="815 1234 1034 1290">55 dB</td> <td data-bbox="1038 1234 1251 1290">85 dB</td> </tr> <tr> <td data-bbox="592 1296 810 1352">1800h – 2000h</td> <td data-bbox="815 1296 1034 1352">45 dB</td> <td data-bbox="1038 1296 1251 1352">75 dB</td> </tr> <tr> <td data-bbox="592 1359 810 1415">2000h – 0630h</td> <td data-bbox="815 1359 1034 1415">45 dB</td> <td data-bbox="1038 1359 1251 1415">75 dB</td> </tr> </tbody> </table> <p>(c) Address the following aspects with regard to managing the adverse effects of construction noise:</p> <ol style="list-style-type: none"> i. Noise sources, including machinery, equipment and construction techniques to be used; ii. Predicted construction noise levels; iii. Hours of operation, including times and days when noisy construction work and blasting would occur; iv. The identification of activities and locations where structural noise mitigation measures such as temporary barriers or enclosures may be used; v. Details of which road-traffic noise mitigation options will be implemented early to also mitigate construction noise; vi. The measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders; vii. Mitigation options, including alternative strategies where full compliance with the noise criteria set out in the table above cannot practicably be 	Day	Time	L _{Aeq(15 min)}	L _{Afmax}	Weekdays	0630h – 0730h	55 dB	75 dB	0730h – 1800h	70 dB	85 dB	1800h – 2000h	65 dB	80 dB	2000h – 0630h	45 dB	75 dB	Saturday	0630h – 0730h	45 dB	75 dB	0730h – 1800h	70 dB	85 dB	1800h – 2000h	45 dB	75 dB	2000h – 0630h	45 dB	75 dB	Sundays and Public Holidays	0630h – 0730h	45 dB	75 dB	0730h – 1800h	55 dB	85 dB	1800h – 2000h	45 dB	75 dB	2000h – 0630h	45 dB	75 dB
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Reference	Conditions – NZTA Confirmed Notices of Requirement																								
	<p>achieved;</p> <p>viii. Schedules containing information specific to each area of the site where this is relevant to managing construction noise and vibration effects;</p> <p>ix. Methods for monitoring and reporting on construction noise; and</p> <p>x. Include specific details relating to methods for the control of vibration and airblast associated with all relevant Project construction works, which shall be formulated to, as far as practicable, comply with the Category A criteria in the following table, measured in accordance with ISO 4866:2010 and AS 2187-2:2006:</p> <table border="1" data-bbox="331 607 1412 1189"> <thead> <tr> <th data-bbox="336 613 496 663">Receiver</th> <th data-bbox="501 613 871 663">Details</th> <th data-bbox="876 613 1086 663">Category A</th> <th data-bbox="1091 613 1407 663">Category B</th> </tr> </thead> <tbody> <tr> <td data-bbox="336 674 496 808" rowspan="2">Occupied dwellings</td> <td data-bbox="501 674 871 757">Night-time 2000h – 0630h (transient vibration)</td> <td data-bbox="876 674 1086 757">0.3 mm/s ppv</td> <td data-bbox="1091 674 1407 757">1 mm/s ppv</td> </tr> <tr> <td data-bbox="501 763 871 808">Daytime 0630h – 2000h</td> <td data-bbox="876 763 1086 808">1 mm/s ppv</td> <td data-bbox="1091 763 1407 808">5 mm/s ppv</td> </tr> <tr> <td data-bbox="336 815 496 949">All occupied buildings</td> <td data-bbox="501 815 871 949">Daytime blasting – vibration – airblast</td> <td data-bbox="876 815 1086 949">5 mm/s ppv 120 dB L_{Zpeak}</td> <td data-bbox="1091 815 1407 949">10 mm/s ppv -</td> </tr> <tr> <td data-bbox="336 956 496 1189" rowspan="3">All buildings</td> <td data-bbox="501 956 871 1039">Vibration – transient (including blasting)</td> <td data-bbox="876 956 1086 1189" rowspan="2">5 mm/s ppv</td> <td data-bbox="1091 956 1407 1039">BS 5228-2 Table B.2</td> </tr> <tr> <td data-bbox="501 1046 871 1128">Vibration – continuous</td> <td data-bbox="1091 1046 1407 1128">BS 5228-2 50% of Table B.2 values</td> </tr> <tr> <td data-bbox="501 1135 871 1189">Airblast</td> <td data-bbox="876 1135 1086 1189">-</td> <td data-bbox="1091 1135 1407 1189">133 dB L_{Zpeak}</td> </tr> </tbody> </table> <p>(d) Describe the measures to be adopted in relation to managing construction vibration including:</p> <ol style="list-style-type: none"> i. Identification of vibration sources, including machinery, equipment and construction techniques to be used; ii. Identification of procedures for building condition surveys at locations close to activities generating significant vibration, prior to and after completion of the works (including all buildings predicted to experience vibration which exceeds the Category A vibration criteria); iii. Procedures for management of vibration, if measured or predicted vibration and airblast levels exceed the Category A criteria; iv. Procedures for approval by the Council and continuous monitoring of vibration levels and effects by suitably qualified experts if measured or predicted vibration and airblast levels exceed the Category B criteria; and v. The measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders. 	Receiver	Details	Category A	Category B	Occupied dwellings	Night-time 2000h – 0630h (transient vibration)	0.3 mm/s ppv	1 mm/s ppv	Daytime 0630h – 2000h	1 mm/s ppv	5 mm/s ppv	All occupied buildings	Daytime blasting – vibration – airblast	5 mm/s ppv 120 dB L _{Zpeak}	10 mm/s ppv -	All buildings	Vibration – transient (including blasting)	5 mm/s ppv	BS 5228-2 Table B.2	Vibration – continuous	BS 5228-2 50% of Table B.2 values	Airblast	-	133 dB L _{Zpeak}
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NZTA.37	<p>For construction works within 200 metres of the following properties:</p> <ul style="list-style-type: none"> • 4 Rangatira Road • 17 Rangatira Road • 19 Rangatira Road • 21 Rangatira Road • 23 Rangatira Road • 25 Rangatira Road 																								

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<ul style="list-style-type: none"> • 55 Collins Avenue <p>methods to be adopted within the CNVMP to manage construction noise and vibration shall be formulated by the Requiring Authority having first consulted with the owners and occupiers of these properties.</p> <p>The CNVMP shall set out how any issues raised in consultation with the owners and occupiers of the properties listed above have been incorporated, and where they have not, the reasons why.</p>
NZTA.38	<p>At least 5 working days prior to commencement of the works which are planned to occur within 200m the properties identified in Condition NZTA.37 the Requiring Authority shall ensure that the owners and occupiers of the properties:</p> <p>(a) are each provided with a copy of the schedule of construction activities required by Condition NZTA.9; and</p> <p>(b) clear information setting out when works are proposed to occur at night (that is, between the hours of 2000h and 0630h) and the nature and reason for the proposed night works.</p>
	<p style="text-align: center;">Construction Air Quality (including Dust) Management</p>
NZTA.39	<p>An Outline Plan (or Plans) shall include a Construction Air Quality (Dust) Management Plan (CAQMP) that:</p> <p>a) Shall be consistent with the draft CAQMP submitted with the application (dated March 2011); and</p> <p>b) Shall demonstrate how Conditions NZTA.40 and NZTA.41 will be met</p> <p>The CAQMP shall be prepared in consultation with the Council, and this consultation shall commence at least 20 working days prior to submission of the Outline Plan using a draft plan as a starting point for discussions. Any comments and inputs received from the Council shall be clearly documented within the management plan, along with clear explanation of where any comments have not been incorporated and the reasons why.</p>
NZTA.40	<p>The CAQMP shall provide a methodology for managing the effects of dust from construction activities occurring at the site, and shall, as a minimum include:</p> <p>(a) Identification and implementation of dust suppression measures appropriate to the environment in which the works are located, and the sensitivity of nearby receptors; and</p> <p>(b) Identification of contingency measures to address identified and verified adverse effects on sensitive receptors. Contingency measures may include options such as:</p> <ol style="list-style-type: none"> i. Cleaning of water tanks and replenishment of water supplies; ii. Cleaning of houses; and iii. Cleaning of other buildings and infrastructure.
NZTA.41	<p>The CAQMP shall include a process for advising and consulting with the owners and/or occupiers of any residential property where construction activities that have the potential to generate dust will be undertaken within 100 metres of a residential dwelling on that land; and Battle Hill Eventing where works are being undertaken within Battle Hill Farm Forest Park. The advice and consultation process shall be undertaken at least 20 working days prior to commencement of the works. The Requiring Authority shall manage construction activities as far as it is practicable to be in accordance with the methods discussed with the consulted property owners and occupiers.</p> <p>The CAQMP shall set out how any issues raised in consultation with the owners and occupiers of the properties listed above have been incorporated, and where they have not, the reasons why.</p>
	<p style="text-align: center;">Construction Lighting</p>
NZTA.41A	<p>The requiring authority shall implement procedures at all times during construction to manage lightspill (if any) to residential properties from any night lighting that is required on the site.</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	Landscape and Urban Design
NZTA.42	<p>An Outline Plan (or Plans) for the construction of any part of the Project located within the district or for the construction of any project stage within the district shall include a Landscape and Urban Design Management Plan (LUDMP) for the relevant part of the Project. The purpose of the LUDMP is to integrate the Project’s permanent works into the surrounding landscape and urban design context.</p> <p>The LUDMP(s) shall be prepared in consultation with:</p> <ul style="list-style-type: none"> • Te Runanga o Toa Rangatira Inc ; • the Wellington Regional Council where works are within or directly adjacent to Belmont Regional Park or Battle Hill Farm Forest Park; • Tararua Tramping Club where works are within Belmont Regional Park or Battle Hill Farm Forest Park; • Living Streets Aotearoa; • Battle Hill Eventing (or their nominee) where works are within Battle Hill Farm Forest Park; • Mana Cycle Group; and • The Council. <p>This consultation shall commence at least 30 working days prior to submission of the Outline Plan. Any comments and inputs received from the parties listed above shall be clearly documented within management plan, along with clear explanation of where any comments have not been incorporated and the reasons why.</p> <p>The LUDMP(s) shall be Certified by Wellington Regional Council in relation to their statutory functions including but not limited to:</p> <p>a) where works are within Belmont Regional Park or Battle Hill Farm Forest Park.</p> <p>b) where there is an interrelationship with site specific plans required to be certified by Wellington Regional Council such as but not limited to the Revegetation and Enrichment Plan (G.24)</p>
NZTA.43	<p>The LUDMP shall be prepared by suitably qualified persons who shall include a landscape architect and an urban designer, and shall implement:</p> <p>(a) the Landscape plans submitted with the applications numbered LA01-LA21;</p> <p>(b) the Transmission Gully Urban and Landscape Design Framework (ULDF) (dated August 2011) and in particular the design principles set out in this document; and</p> <p>(c) the Ecological Management and Monitoring Plan (EMMP) required to be certified under the Regional Resource Consent conditions.</p> <p>And shall be prepared in accordance with:</p> <p>(d) Transit New Zealand’s Guidelines for Highway Landscaping (dated September 2002) – or any subsequent updated version;</p> <p>(e) Transit New Zealand’s “Urban Design Implementation Principles (2006)” – or any subsequent updated version; and</p> <p>(f) AUSTROADS standards where these are relevant to pedestrian and cycle paths.</p>
NZTA.44 <i>Updated via section 181(3)</i>	<p>In order to confirm that the LUDMP is consistent with the ecological management measures <u>landscape restoration components</u> in the EMMP, the certified EMMP required under the Regional Resource Consents, <u>the EMMP certified only in respect of its landscape restoration components</u> shall be submitted <u>supplied</u> to the relevant Territorial Authority for information at the same time <u>as submitting the LUDMP with the Outline Plan.</u></p>
NZTA.45	<p>The LUDMP(s) shall provide for integration of the Project’s permanent works into the surrounding landscape including;</p> <p>(a) Input into the design of earthworks contouring including cut and fill batters, benching,</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>and spoil disposal sites;</p> <p>(b) Input into the appearance of all major structures, including bridges, RSE batters, MSE walls, noise barriers, drainage structures;</p> <p>(c) The provision of guidelines for the suite of highway furniture such as barriers, gantries, sign posts, lighting standards, etc.,</p> <p>(d) Input into the appearance of stream diversions and permanent stormwater control ponds;</p> <p>(e) Identification of required landscape mitigation planting;</p> <p>(f) Identification of visual mitigation planting required within the land acquired for the Project which mitigate the effects of the Project on properties in the vicinity of the alignment; and</p> <p>(g) Coordination of landscape works with ecology works.</p>
<p>NZTA.46</p> <p><i>NZTA.46(f a)</i></p> <p><i>Added via s181(3);</i></p> <p><i>Confirmed Granted on 19/06/2014</i></p> <p><i>Updated via Section 181 (1)</i></p> <p><i>Confirmed Granted 12/02/15</i></p>	<p>The LUDMP(s) shall include but not be limited to the following:</p> <p>(a) Demonstration of how the design principles in the ULDF have been adhered to in the development of the design concepts, including (but not limited to) principles for noise walls, boundary walls and structures (including bridges, underpasses and associated retaining walls) which are identified in the ULDF as being in highly sensitive locations;</p> <p>(b) Demonstration of an engineer, ecologist and landscape architect working together to design the final shape and re-vegetation for batters, earthworks and rock cuts and their associated works during the detailed design process;</p> <p>(c) A Concept Plan/Report – this shall depict the overall landscape and urban design concept, and provide a framework for the design intent, layout and mitigation proposals.</p> <p>(d) Landscape Design Details – these shall include the following details:</p> <ol style="list-style-type: none"> i. Identification of vegetation to be retained, including retention of as many as practicable of the stand of pine trees at the southern boundary of the Linden construction site yard, and the plantation on the northern side of the yard; ii. Identification and protection measures for vegetation to be retained, and planting to be established along cleared edges; iii. Proposed planting including plant species, plant/grass mixes, spacing/densities, sizes (at the time of planting) and layout and planting methods including trials; iv. Planting programme – the staging of planting in relation to the construction programme which shall, as far as practicable, include provision for planting within each planting season following completion of works in each stage of the Project; v. Detailed specifications relating to (but not limited to) the following: <ul style="list-style-type: none"> • Vegetation protection (for desirable vegetation to be retained); • Weed control and clearance; • Pest animal management; • Ground preparation (topsoiling and decompaction to provide for rapid plant establishment and ongoing vigour); • Mulching; and • Plant supply and planting, including hydroseeding and grassing - which shall require: <ol style="list-style-type: none"> 1. Any planting to reflect the natural plant associations of the area; 2. Where practicable, the use of mixes of plants which are of a suitable richness and diversity to encourage self-sustainability once established; and 3. Any native plants to, so far as practicable, be genetically sourced from the relevant Ecological District; vi. A maintenance regime including monitoring and reporting requirements, which is to apply for the three years following that planting being undertaken; vii. Landscape treatment for noise barriers; viii. Landscape treatment for any pedestrian and cycle facilities; ix. Consideration of:

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<ul style="list-style-type: none"> • The landscape character of the area; • The integration of the works into the natural environment, including streams; • The potential for a joint pedestrian and cycle path under the SH58 interchange; and • Crime Prevention Through Environmental Design (CPTED) principles in urban areas. <p>(e) Specific landscape design details for the Linden site compound. These shall include the following:</p> <ol style="list-style-type: none"> i. Protection of the row of trees on the south east boundary of the Linden site compound (on the uphill side); ii. Riparian planting along the watercourse adjacent to the Linden site compound to help soften/screen the culvert and embankment; iii. Reinstatement of planting in the vicinity of the Linden site compound following completion of construction, including new and replacement planting adjacent to the alignment. <p>(f) Specific landscape design details for the State Highway 58 site compound shall include details of early planting to be undertaken for the purpose of screening the compound during construction;</p> <p><u>(fa) The specific identification of other Project areas where detailed landscape or urban design needs to be developed in conjunction with the detailed engineering design process; and, subsequently, the specific landscape or urban design details for these identified Project areas where the provisions of NZTA.6B and NZTA.7A would apply;</u></p> <p><u>(fb) Identification of existing vegetation within the area adjacent to 18 to 40 Tremewan Street and specific details regarding the retention of this existing planting to the extent practicable during construction, and the intended measures to ensure its ongoing management, to provide short and long-term visual screening. The LUDMP should also include planting and ongoing management details of early, advanced grade, fast growing exotic, and native species in this area to provide effective immediate and longer term screening of Bridge 25 and its associated works.</u></p> <p><u>(fc) The specific measures to be adopted to ensure the protection of existing vegetation along the boundaries of 20, 22, and 24a Tremewan Street from damage during road construction, comprising a minimum 5m wide strip where available.</u></p> <p><u>(fd) Identification of existing vegetation within the area between Bridge 27 and Wall Park through to 86 Tremewan Street and specific details regarding the retention of this existing planting to the extent practicable during construction, and the intended measures to ensure its ongoing management, to provide short and long-term screening. The LUDMP should also include planting and ongoing management details of early, advanced grade, fast growing exotic and native species in the area to provide effective immediate and longer term screening of Bridge 27 and its associated works,</u></p> <p>(g) The merge (where the Main Alignment meets State Highway 1) at Linden shall be designed to, as far as practicable, maximise the distance between the Collins Avenue bridge and residential properties on Little Collins Street (including 55 Collins Avenue) and to try to avoid the need to realign the carriageway of Little Collins Street (except as provided below). This may be achieved by reducing the width of the Little Collins Bridge (including by shifting the location of the merge lanes of State Highway 1 with Transmission Gully Main Alignment further to the north) but in so doing shall not seek to shift the western extent of the works any further to the west than shown on the application drawings;</p> <p>(h) The owners and occupiers of all properties in Little Collins Street (including 55 Collins Avenue) shall be consulted prior to finalising the design (of the alignment in this</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>location). The design shall have regard to:</p> <ul style="list-style-type: none"> i. provision of landscaping within/along Little Collins Street adjacent to State Highway 1 to provide visual screening and to minimise opportunities for graffiti ii. realignment of Little Collins Street as part of the Collins Avenue bridge works, to provide better opportunities for landscape planting on Little Collins Street; and iii. noise barriers on the bridge abutments that seek to reduce visual effects of the Project. <p>(i) All planting works shall be undertaken in accordance with accepted horticultural practice.</p>
NZTA.47A	<p>When considering the potential for a joint pedestrian and cycle path under the State Highway 58 interchange (under Condition NZTA.47), the Requiring Authority shall consult with the Mana Cycle Group and the Porirua City Council and shall ensure that the BPO is used in considering the design options.</p> <p>The Requiring Authority shall prepare and submit a report to the Council at the same time as the submission of the Outline Plan that shall address the following matters:</p> <ul style="list-style-type: none"> (a) The nature of the alternatives that were considered and the reasons why the preferred option was chosen; (b) Who was consulted and their responses (c) Public health and safety
NZTA.47B	<p>The detailed design of the Main Alignment in the vicinity of the properties at 436A, 462 and 504 Paekakariki Hill Road shall be designed to maximise the distance between the road carriageway and these properties by moving the alignment as far to the east as is practicable within the designation.</p>
NZTA.47	<p>The detailed design of the planting (in the vicinity of the Project stages that are relevant to these landowners) shall be finalised in consultation with the owners and occupiers of the following properties:</p> <ul style="list-style-type: none"> • 4 Rangatira Road • 17 Rangatira Road • 19 Rangatira Road • 21 Rangatira Road • 23 Rangatira Road • 25 Rangatira Road • 55 Collins Avenue • 247B Flightys Road • 247C Flightys Road • 462, 436A and 504 Paekakariki Hill Road <p>The LUDMP shall set out how any issues raised in consultation with these owners and occupiers have been incorporated, or if they have not been incorporated, the reasons why.</p>
<p>NZTA.48</p> <p><i>Updated via Section 181 (1)</i></p> <p><i>Confirmed Granted</i></p> <p>12/02/15</p>	<p>In the event of the removal of any of the dwellings located on the following properties:</p> <ul style="list-style-type: none"> • <u>18a Tremewan Street (Lot 1 DP 29032)</u> • <u>18 Tremewan Street (Lot 2 DP 29032)</u> • 16 Tremewan Street (Lot 89 DP 9069) • 12 Tremewan Street (Lot 91 DP 9069) • 10 Tremewan Street (Lot 1 DP 63321) • 8 Tremewan Street (Lot 2 DP 63321) • 6 Tremewan Street (Lot 3 DP 63321) • 4 Tremewan Street (Lot 4 DP 63321) • 2 Tremewan Street (Lot 5 DP 63321) <p>then the visual mitigation planting shown on Landscape Plan LA20 shall be extended further</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	south, and designed in consultation with the owner and occupier of the properties at <u>20 and 23 Tremewan Street</u> . In respect of planting to the rear of the properties at <u>No.s 20, 22 and 24A Tremewan Street</u> , the visual mitigation and screening planting shall be designed in consultation with the owners of these properties.
NZTA.49	<p>Prior to the Requiring Authority undertaking any planting provided for in the LUDMP and throughout the ensuing landscaping maintenance period, all weed species declared as plant pests and animal pests, including stock, in the Wellington Region by the Wellington Regional Pest Management Strategy shall be controlled and removed from the site of any planting undertaken pursuant to the LUDMP which is located on:</p> <p>(a) Land declared to be motorway or limited access road;</p> <p>(b) Any Crown land held for roading or motorway purposes for the Project and which the Requiring Authority administers; or</p> <p>(c) Any other land, e.g. private land and local authority owned land, in relation to which the Requiring Authority has appropriate property rights which allow it to lawfully undertake such weed removal.</p>
NZTA.50	Except as specified in Condition NZTA.50A, the planting identified in a LUDMP shall be implemented in accordance with the LUDMP within the first planting season following the completion of the construction works in each Project stage to which the LUDMP relates, providing climatic conditions are suitable; otherwise at the first practicable opportunity thereafter.
NZTA.50A	<p>The following planting shall be undertaken as soon as practicable within the first planting season after the commencement of establishment of the site compounds for the purpose of screening the compounds during construction as follows:</p> <p>(a) Specific landscaping that is required for the Linden site compound under Condition NZTA.46(e);</p> <p>(b) Specific landscaping that is required for the State Highway 58 site compound under Condition NZTA.46(f).</p>
	Ecology
NZTA.51	<p>As part of the detailed design for the Project, in order to minimise the extent of effects on any area of natural vegetation, freshwater ecosystem or habitat of indigenous flora and fauna located within the designation, the Requiring Authority shall engage a suitably qualified ecologist to:</p> <ul style="list-style-type: none"> • Confirm the extent of any valued natural areas as specified in the Wellington Conservation Management Strategy 1996, RPS, Regional or District Plans; and • Prepare maps identifying all those areas which meet the definitions in (a), with information on their relative values. The maps shall be completed as part of detailed design and shall inform any design changes that result in the extent of works varying from the footprint provided in the application drawings. <p>(a) For the purposes of this condition, natural vegetation, freshwater ecosystems and habitats shall include:</p> <ol style="list-style-type: none"> i. Forest and shrublands ii. Seral scrub iii. Banks with predominantly indigenous vegetation (including non-vascular vegetation) iv. Wetlands v. Streams vi. Boulderfields and scree <p>(b) The valued natural areas identified shall include but not be limited to the following areas:</p> <ol style="list-style-type: none"> vii. MacKays Crossing Wetland (K106) in the Wainui Catchment viii. Rowans Bush (K139) in the Wainui Catchment

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<ul style="list-style-type: none"> ix. The various coastal kohekohe remnants in the Te Puka Catchment (KCDC Ecosites K223-229) x. The Akatarawa – Whakatikei Regional Forest Park xi. Sphagnum Juncus wetland in the Horokiri Valley xii. TG Riparian Area (PCC Ecosite 199) xiii. Tawa remnants within Cannons Creek Bush (PP12) in the vicinity of the Cannons Creek Bridge xiv. Porirua Park Bush (PCC76) xv. Scoresby Grove Kanuka (PCC Ecosite 196) xvi. Cannons Creek Bush (PCC 12) xvii. Roberts Bush (PCC88). <p>(c) The extent of adverse effects shall be minimised by, as a minimum:</p> <ul style="list-style-type: none"> • Developing detailed designs which avoid or minimise the extent of effect on areas identified under (b) above as far as practicable • Developing mechanisms to ensure that the areas, or parts of areas, to be avoided are clearly marked on the ground (e.g. through fences) and that contractors are required to avoid them • For those areas which cannot be avoided, but where complete loss of the ecosystem, vegetation or habitat is not required, developing mechanisms to reduce the impact on the area as far as practicable <p>Note: The Site Specific Environmental Management Plans that are required to be prepared under the resource consents are required include a map of any key areas or features that are required to be avoided or otherwise protected during construction, and shall include those areas identified under this condition as being retained.</p>
NZTA.52	<p>In order to demonstrate compliance with Condition NZTA.51, the Requiring Authority shall submit a report to the Council at the same time as the Outline Plan. The report shall be prepared with inputs from a suitably qualified roading design engineer and an ecologist and shall set out how the design process incorporated the requirements of Condition NZTA.51.</p>
NZTA.53	<p>The Requiring Authority shall undertake works necessary to ensure that a combined total of at least 534ha of land is dedicated to the active or passive restoration of vegetation and associated ongoing management which shall be comprised of the following components:</p> <ul style="list-style-type: none"> (a) Approximately 319ha comprising land retired from farming to allow natural regeneration; (b) Approximately 106ha comprising pioneer shrubland that will be retired, restored or undergo enrichment planting to direct succession toward coastal lowland podocarp broadleaved forest appropriate for the site; (c) Approximately 109ha comprising grassed slopes, and river flats and stream banks in pasture will be retired and undergo revegetation to commence successions necessary to develop into coastal lowland podocarp broadleaved forest appropriate for the site; and these areas shall closely correspond to the maps entitled “Proposed Mitigation Sites and Treatments” unless otherwise agreed with the Manager, and shall be managed in accordance with the actions set out the attached Schedule D. <p>Within the above areas, at least 26,500 linear metres of stream mitigation including enriching riparian habitat and enhancing fish passage shall be achieved.</p> <p>The mechanisms to achieve protection of the above land shall be set out within the EMMP and shall manage:</p> <ul style="list-style-type: none"> (d) the felling, removal, burning or taking of any native trees, shrubs or plants or native fauna (e) planting of trees, shrubs or plants with a preference for specimens sourced from the ecological district within which the land is situated;

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>(f) introduction of any noxious substance or substance otherwise injurious to plant life except in the control of pests;</p> <p>(g) access by stock by providing and maintaining fences and gates except when the provisions of the Fencing Act 1978 apply;</p> <p>(h) require the control of deer, goats, pigs, and weeds to levels that are necessary to achieve the conditions imposed on the relevant designation and associated consents, and to prevent significant loss of existing natural values; and</p> <p>(i) all weeds and pests in the land to the extent required by any statute and in particular comply with the provisions of, and any notices given under the Biosecurity Act 1993 and the Wild Animal Control Act 1977.</p> <p>Alterations to NZTA.53 via Manager’s Discretion: Refer to Schedule D, Map 2, subject to land purchases (PCC, 24/2/2014)</p>
NZTA.55	<p>The Requiring Authority shall use its best endeavours to procure from the Crown the entering into of appropriate covenants and/or encumbrances (or similar legal mechanism) to ensure that, regardless of any future ownership/tenure changes, the areas of land required for retirement and revegetation planting specified in condition NZTA.53 which are held or acquired by the Crown for the Project are protected in a manner that achieves at least the area of land retirement and revegetation planting specified in Condition NZTA.53 in perpetuity, and shall upon request from the Council report progress on these best endeavours.</p> <p>The Requiring Authority shall not:</p> <ul style="list-style-type: none"> • Take active steps for the sale of any of the land required for land retirement and/or revegetation planting as identified in the maps entitled “proposed Mitigation Sites and Treatments” until an appropriate covenant and/or encumbrance (or similar legal mechanism) is registered against each relevant title; and • Open the Main Alignment for use by the public unless an appropriate covenant and/or encumbrance (or similar legal mechanism) has been registered against all the land required for land retirement and/or revegetation planting which is not subject to this designation.
<p>NZTA.56</p> <p><i>Updated via section 181(3) 5/3/14</i></p>	<p>The Requiring Authority shall, at the same time as it provides the Manager with the programme for Outline Plan and management plan submissions as required by Condition NZTA.8, the CEMP to the Regional Council, submit a programme <u>to the Manager</u> setting out:</p> <p>(a) how and when the 534ha of land required to be dedicated to the active or passive restoration of vegetation and associated ongoing management will be set aside for those purposes;</p> <p>(b) a programme for implementation of the required enrichment planting and revegetation;</p> <p>(c) a programme for maintenance, monitoring and measuring success; and</p> <p>(d) the approximate time at which the protective covenant or similar mechanism will formally take effect.</p>
	<p>Existing Network Utilities</p>
NZTA.57	<p>Prior to the commencement of construction, the Requiring Authority shall prepare a Network Utilities Management Plan (NUMP). The Requiring Authority shall adhere to the relevant requirements of the NUMP at all appropriate times during the construction of the Project. The purpose of the NUMP shall be to ensure that the enabling works, design and</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	construction of the Project adequately take account of, and include measures to address, the safety, integrity, protection or, where necessary, relocation of, existing network utilities.
NZTA.58	<p>A copy of the NUMP shall be submitted to the Manager for certification at least 10 working days prior to the commencement of any enabling or construction works on any part of the Project located within the District. The purpose of the certification process is:</p> <ol style="list-style-type: none"> 1. to confirm that the appropriate liaison with infrastructure providers has occurred and that their concerns have been taken into account where appropriate; and 2. that the NUMP conditions NZTA.59 to NZTA.70 have been appropriately addressed.
NZTA.59	<p>The NUMP shall include, but need not be limited to, the following matters:</p> <ol style="list-style-type: none"> (a) The methods the Requiring Authority will use to liaise with all infrastructure providers who have existing network utilities that are directly affected by, or located in close proximity to, the part of the Project in the District including the process for: <ol style="list-style-type: none"> i. Network utility provider approval of proposed works on their utilities; process for obtaining any supplementary authorisations (e.g. easements and/or resource consents; and ii. Protocols for inspection and final approval of works by network utility providers. (b) The methods the Requiring Authority will use to enable infrastructure providers to access existing network utilities for maintenance at all reasonable times, and to access existing network utilities for emergency works at all times, whilst construction activities associated with the Project are occurring. (c) The methods the Requiring Authority will use to seek to ensure that all construction personnel, including contractors, are aware of the presence and location of the various existing network utilities which traverse, or are in close proximity to, the part of the Project in the District, and the restrictions in place in relation to those existing network utilities. This shall include plans identifying the locations of the existing network utilities and appropriate physical indicators on the ground showing specific surveyed locations. (d) How the Requiring Authority will meet the costs of any Project-related works that are required in order to protect, relocate and/or reinstate existing network utilities. Such methods shall be consistent with the provisions of the Gas Act 1992, the Electricity Act 1992 and the Telecommunications Act 2001.
NZTA.60	<p>The NUMP shall be prepared in consultation with the relevant infrastructure providers who have existing network utilities that are directly affected by the Project and, in addition to the matters listed in Condition NZTA.59, shall include:</p> <ol style="list-style-type: none"> (a) Measures to be used to accurately identify the location of existing network utilities, (b) Measures for the protection, relocation and/or reinstatement of existing network utilities; (c) Measures to seek to ensure the continued operation and supply of essential infrastructure services which may include, but not be limited to, any new or relocated gas pipes being made operational prior to the termination of existing gas lines; (d) Measures to seek to ensure the continued operation and supply of essential services, including bulk water (e) Measures to provide for the safe operation of plant and equipment, and the safety of workers, in proximity to live existing network utilities; (f) Measures to manage potential induction hazards to existing network utilities; (g) Earthworks management (including depth and extent of earthworks), for earthworks in close proximity to existing network utility; (h) Vibration management for works in close proximity to existing network utility; (i) Emergency management procedures in the event of any emergency involving existing network utilities; (j) As built drawings showing the relationship of the relocated utility to the Main Alignment shall be provided to utility owners within three months of completion of the utility relocation; and (k) Provision, both physical and legal, shall be made for future maintenance access to utilities to a standard at least equivalent to that currently existing.

Reference	Conditions – NZTA Confirmed Notices of Requirement
NZTA.61	Prior to the commencement of construction, the Requiring Authority shall, as part of the NUMP, seek to ensure that the operation and maintenance of the Project does not unduly constrain access to existing and/or relocated network utilities for maintenance purposes on an ongoing basis.
NZTA.62	<p>Prior to the commencement of construction, the Requiring Authority shall, accurately locate the assets of Powerco on the following properties and, if requested by Powerco, physically peg out the extent of the designation boundary on these individually affected properties:</p> <ul style="list-style-type: none"> • Road reserve at the southern end of Ribbonwood Terrace adjacent to Lot 4 DP 78422 • Road reserve at Kenepuru Drive adjacent to 34 Kenepuru Drive (Sec 1 SO 36948) • North of Rangatira Road Lot 1 DP 82381 • Collins Avenue road reserve beneath motorway overbridge.
NZTA.63	The Requiring Authority shall ensure that the construction and operation of the Project and any enabling works do not adversely impact on the safe and efficient operation, and planned upgrading including the currently proposed expansion of the public potable water supply for Paekakariki.
NZTA.64	<p>The Requiring Authority shall give reasonable notice and make reasonable endeavors to:</p> <p>(a) Liaise with all relevant network utility operators in relation to any part of the works within the designation where their infrastructure may be affected; and</p> <p>(b) Make reasonable and relevant changes requested by such network utility operators, to the relevant design plans and methodologies, to ensure that access to, maintenance and the operation of all network utility infrastructure within the designated area is not adversely affected.</p>
	<p>Transpower Specific Conditions (part of a separate agreement between NZTA and Transpower New Zealand Limited)</p> <p>Advice Note: Transpower conditions apply to NoR1, NoR 2, NoR 3 and NoR 4</p>
NZTA.65	<p>To avoid interruptions to supply, or adverse effects on Transpower New Zealand Limited's network utility infrastructure, the Requiring Authority shall, subject only to reasonable planned interruption:</p> <p>(a) Protect the utility from any activity which may interfere with the proper functioning of the services; and</p> <p>(b) Seek to relocate it to the same or a similar standard (including property rights) as the operator currently has</p>
NZTA.66	<p>All works or activities associated with the project and ancillary roads and activities shall be designed and undertaken to comply with the Code of Practice for Electrical Safety Distances 2001 (NZECP 34:2001). In this regard, the Requiring Authority shall liaise with Transpower New Zealand Limited during the design of the Project. All works shall to be designed to ensure the adequate protection of existing transmission lines from any potential adverse effects associated with the construction and operation of the roads within the designation (eg the provision of vehicle collision barriers where necessary). For completeness, NZEC 34:2001 includes the following requirements:</p> <p>(a) All machinery and mobile plant operated within the designated area shall maintain a minimum clearance distance of 4 metres from all transmission lines located within that area.</p> <p>(b) With reference to NZECP 34:2001 Figure 1, in the case of any pole supporting any conductor, no person shall excavate or otherwise interfere with any land:</p> <ol style="list-style-type: none"> i. at a depth greater than 300mm within 2.2 metres of the outer edge of the visible foundations of the tower; or ii. at a depth greater than 750mm, between 2.2 metres and 5 metres of the outer edge of the visible foundation of the tower; or iii. in such a way as to create an unstable batter. <p>(c) With reference to NZECP 34:2001 Figure 2, in the case of any tower (pylon) supporting</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>any conductor, no person shall excavate or otherwise interfere with any land:</p> <ul style="list-style-type: none"> iv. at a depth greater than 300mm within 6 metres of the outer edge of the visible foundations of the tower; or v. at a depth greater than 3 metres, between 6 metres and 12 metres of the outer edge of the visible foundation of the tower; or vi. in such a way as to create an unstable batter. <p>(d) In accordance with Section 4 of the NZECP 34:2001 no material shall be deposited (either permanent or temporarily) under or near any National Grid transmission line without the prior approval of Transpower New Zealand Limited. This is to ensure the safe NZECP 34:2001 (Table 4) separation distances from the lines are always maintained.</p> <p>All the above requirements shall apply unless prior written approval is given by Transpower New Zealand Limited.</p>
NZTA.67	<p>If compliance with the Code of Practice for Electrical Safety Distances NZECP (34:2001) cannot be achieved, the Requiring Authority shall consult with Transpower New Zealand Limited who will identify acceptable alternative options, including and if necessary relocate or alter the existing transmission structures to achieve compliance.</p>
NZTA.68	<p>The Requiring Authority shall ensure that existing access arrangements to Transpower New Zealand Limited's existing works are retained where practicable. Where the requiring authority requires or causes a change in access arrangements, alternative arrangements shall be provided, in consultation with Transpower New Zealand Limited that provides safe four wheel drive 24 hour access to the tower base during the construction period or other options that will enable Transpower to undertake necessary works. Once construction has been completed, the maintenance of access tracks shall be the responsibility of Transpower New Zealand Limited.</p>
NZTA.69	<p>All trees and vegetation planted shall be selected and located to ensure that no part of any tree (when mature) will encroach within a (4) metre clearance from transmission line conductors. The 4 metre clearance relates to vertical, horizontal and felling distance clearances and shall take account of the maximum conductor swing and sag.</p>
NZTA.70	<p>The Requiring Authority shall ensure that the discharge of contaminants to air from the site during construction of the Project does not create any dust hazard or nuisance to the transmission assets managed by Transpower New Zealand Limited. The Requiring Authority shall produce, in consultation with Transpower New Zealand Limited, as part of the Construction Management Plan, measures to identify how those potential dust effects will be managed around the transmission network.</p>
	<p>Operational Noise</p>
NZTA.71	<p>For the purposes of Conditions NZTA.71 – NZTA.81 the following terms will have the following meanings:</p> <ul style="list-style-type: none"> (a) Acoustics Assessment – means the Acoustics Assessment report submitted as part of the AEE for this Project. (b) BPO – means Best Practicable Option. (c) Building-Modification Mitigation – has the same meaning as in NZS 6806:2010. (d) Habitable space – has the same meaning as in NZS 6806:2010. (e) Noise Criteria Categories – means the groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option, ie Category A – primary noise criterion, Category B – secondary noise criterion and Category C – internal noise criterion. (f) NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-traffic noise – New and altered roads. (g) PPFs – means the premises and facilities identified in green, yellow or red in the Acoustics Assessment and 75B Paremata-Haywards Road and 75E Paremata-

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p><u>Haywards Road.</u></p> <p>(h) Structural Mitigation – has the same meaning as in NZS 6806:2010 (i) New road – has the same meaning as in NZS 6806:2010 (j) Altered road – has the same meaning as in NZS 6806:2010</p>
NZTA.72	<p>The Requiring Authority shall implement the road-traffic noise mitigation measures identified as the “Selected Options” in the Acoustics Assessment as part of the Project, in order to achieve the Noise Criteria Categories indicated in the Acoustics Assessment (“Identified Categories”), where practicable, subject to Conditions NZTA.73 – NZTA.81 below.</p>
NZTA.73	<p>The detailed design of the Structural Mitigation measures in the “Selected Options” (the “Detailed Mitigation Options”) shall be undertaken by a suitably qualified acoustics specialist prior to commencement of construction of the Project, and, subject to Condition NZTA.74, shall include, as a minimum, the following:</p> <p>(a) Noise barriers with the location, length and height in general accordance with Table 12-22 of the Acoustics Assessment; and (b) Open graded porous asphalt or equivalent low-noise road surfaces in general accordance with Table 12-21 of the Acoustics Assessment.</p>
NZTA.74	<p>Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular Structural Mitigation measure in the location or of the length or height included in the “Selected Options” either:</p> <p>(a) if the design of the Structural Mitigation measure could be changed and the measure would still achieve the same Identified Category or Category B at all relevant PPFs, and a suitably qualified or experienced planner, in consultation with a suitably qualified acoustics specialist, approved by the Council certifies to the Council that the changed Structural Mitigation would be consistent with adopting the BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measure; or (b) if the changed design of the Structural Mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C, but the Council confirms that the changed Structural Mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measure.</p>
NZTA.75	<p>The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project, with the exception of any low-noise road surfaces, which shall be implemented within 12 months of completion of construction of the Project.</p>
NZTA.76	<p>Prior to construction of the Project, a suitably qualified acoustics specialist shall identify those PPFs (“Qualifying Buildings”) which following implementation of all the Structural Mitigation measures included in the Detailed Mitigation Options (notwithstanding the distance from the road) are in:</p> <p>(a) Noise Criteria Category C by an altered road, and (b) Noise Criteria Category B and C by a new road.</p>
NZTA.76A	<p>(a) Prior to commencement of construction of the Project in the vicinity of a Qualifying Building, the Requiring Authority shall write to the owner of each Qualifying Building seeking access to such building for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance. (b) If the owner of the Qualifying Building consents to the Requiring Authority request for access to the property within 12 months of the date of the Requiring Authority’s letter (sent pursuant to Condition NZTA.76(a)), then no more than six months prior to commencement of construction of the Project, the Requiring Authority shall instruct a suitably qualified acoustics specialist to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.</p>
NZTA.77	<p>Where a Qualifying Building is identified, the Requiring Authority shall be deemed to have complied with Condition NZTA.76 above where:</p> <p>(a) The Requiring Authority (through its acoustics specialist) has visited the building; or</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>(b) The owner of the Qualifying Building consented to the Requiring Authority's request for access, but the Requiring Authority could not gain entry for some reason (such as entry being denied by a tenant); or</p> <p>(c) The owner of the Qualifying Building did not approve the Requiring Authority's access to the property within the time period set out in Condition NZTA.77(b) (including where the owner(s) did not respond to the Requiring Authority's letter (sent pursuant to Condition NZTA.76(a) within that period)); or</p> <p>(d) The owner of the Qualifying Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.</p> <p>If any of (b) to (d) above apply to a particular Qualifying Building, the Requiring Authority shall not be required to implement any Building-Modification Mitigation at that Qualifying Building.</p>
NZTA.78	<p>Subject to Condition NZTA.77, no more than six months after the assessment required under Condition NZTA.76(b), the Requiring Authority shall give written notice to the owner of each Qualifying Building:</p> <p>(a) Advising of the options available for Building-Modification Mitigation to the building; and</p> <p>(b) Advising that the owner has three months within which to decide and advise the Requiring Authority whether to accept Building-Modification Mitigation for the building to achieve an internal level of 40 dB L_{Aeq(24h)}, and if the Requiring Authority has advised the owner that more than one option for Building-Modification Mitigation is available, to advise the Requiring Authority which of those options the owner prefers.</p>
NZTA.79	<p>Once an agreement on Building-Modification Mitigation is reached between the Requiring Authority and the owner of an affected building, the mitigation shall be implemented in a reasonable and practical timeframe agreed between the Requiring Authority and the owner.</p>
NZTA.80	<p>Subject to Condition NZTA.77, where Building-Modification Mitigation is required, the Requiring Authority shall be deemed to have complied with Condition NZTA.79 above where:</p> <p>(a) The Requiring Authority has completed Building-Modification Mitigation to the Qualifying Building; or</p> <p>(b) The owner of the Qualifying Building did not accept the Requiring Authority's offer to implement Building-Modification Mitigation prior to the expiry of the timeframe stated in Condition NZTA.78(b) above (including where the owner did not respond to the Requiring Authority within that period); or</p> <p>(c) The owner of the Qualifying Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.</p>
NZTA.81	<p>The Requiring Authority shall manage and maintain the Detailed Mitigation Options to ensure that, to the extent practicable, those mitigation works retain their noise reduction performance.</p>
NZTA.81A	<p>A Noise Mitigation Plan shall be prepared by a suitably qualified acoustics specialist prior to commencement of construction including details of:</p> <p>a) Detailed Mitigation Options</p> <p>b) Qualifying Buildings</p> <p>c) Methods for post-construction validation of the noise assessment. This shall include:</p> <p>i. Prior to opening: confirmation of the location of the as-built alignment in the noise model, visual inspection from the far-side carriageway of the relationship of PPFs to earthworks and noise barriers, verification of as-built noise barrier dimensions, and confirmation of as-built road surfaces,</p> <p>ii. 3 to 9 months after opening and checking the actual traffic volumes, and</p> <p>iii. Noise monitoring to validate the noise model to be undertaken within 6 months of the design road surfaces being laid.</p>
NZTA.81B	<p>The Noise Mitigation Plan shall be provided to the Council prior to the commencement of construction. A report detailing the results and any corrective actions arising from the post</p>

Updated

Reference	Conditions – NZTA Confirmed Notices of Requirement
via section 181(3) 5/3/14	construction validation of the noise assessment shall be provided to the Council within one month <i>nineteen months</i> of opening of the road <i>in areas with low-noise road surfaces, and within ten months of opening the road in all other areas.</i>
	Permanent Lighting
NZTA.82	Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, and shall demonstrate that: (a) All motorway lighting shall be designed in accordance with “Road lighting Standard AS/NZS1158”; and (b) All other lighting shall be designed in accordance with the rules of the relevant District Plan (if any).
	Traffic Safety Audit
NZTA.83	No earlier than 6 months after the commencement of operation of the Transmission Gully Motorway, and no later than 12 months from that date, the Requiring Authority shall complete a traffic safety audit (in accordance with the NZ Transport Agency Guidelines ‘Road Safety Audit Procedures for Projects’ (November 2004) to ascertain the effects of reduced traffic and potentially higher environmental speeds on the coastal route resulting from the operation of the Transmission Gully Motorway. The audit shall outline what measures are necessary to remedy those effects. A copy of the audit and its findings shall be sent to the relevant territorial authorities.
	Enabling Works
NZTA.84 Added via s181(3); <i>Confirmed Granted on 11/09/2014</i>	If the Requiring Authority proposes to undertake enabling works prior to the fulfilment of all relevant management plan requirements under Conditions NZTA.1 to NZTA.83, it must prepare, and submit to the relevant Council(s), an Enabling Works Management Plan (EWMP) which: (a) Provides details on the scope of the activities that are proposed to be undertaken in accordance with Condition NZTA.86; and (b) Includes details as to the methods to be used to manage the environmental effects of these activities in accordance with Condition NZTA.87. “Enabling Works” refers to activities necessary to make the Project site ready for the construction of the Project and are restricted to the activities described in Condition NZTA.86. If the Requiring Authority prepares an EWMP, it shall be submitted to the Council(s) for certification in respect of their statutory functions (as specified in Condition NZTA.88). The EWMP shall be submitted to the Council(s) at least 20 working days prior to commencement of the enabling works provided for in the EWMP, for certification that it meets the requirements of Conditions NZTA.84 to NZTA.89. No enabling works undertaken in accordance with Conditions NZTA.84 to NZTA.89 shall commence until the EWMP is certified by the Council(s). As required by Condition NZTA.85, a draft EWMP is to be supplied to the Council(s) for their comment. For the avoidance of doubt, in addition to those conditions referenced in Condition NZTA.87 which must be addressed in the EWMP, enabling works must comply with the relevant requirements of all other Conditions NZTA.1 to NZTA 83. Where any of these other conditions refer to management plans identified under Conditions NZTA.6, NZTA.21 or

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>NZTA.57, if the Requiring Authority prepares an EWMP, the relevant references to and requirements of those management plans within those conditions shall also apply to the EWMP.</p> <p>The certified EWMP is to be displayed in a site office throughout the period of enabling works.</p> <p>Advice Note: One EWMP may be prepared to address relevant enabling works in terms of the conditions of NZTA’s confirmed Notices of Requirement (these conditions) and NZTA’s associated regional resource consent conditions.</p>
<p>NZTA.85 Added via s181(3); <i>Confirmed Granted</i> on 11/09/2014</p>	<p>The Requiring Authority shall, at least 20 working days prior to submitting the EWMP specified in Condition NZTA.84 to the Council(s) for certification, submit a draft EWMP to the Council(s) for comment. Any comments received from the Council(s) shall be included within the EWMP when it is submitted for certification, along with a clear explanation of where any comments have, or have not, been incorporated and, if not, the reasons why.</p>
<p>NZTA.86 Added via s181(3); <i>Confirmed Granted</i> on 11/09/2014</p>	<p>Notwithstanding the management plan requirements of Conditions NZTA.1 – NZTA.83, and for the purpose of Conditions NZTA.84 to NZTA.89, enabling works are activities necessary to make the Project site ready for the construction of the Project, and are restricted to the following:</p> <ol style="list-style-type: none"> (a) Vegetation – harvest / clearance of plantations, shelter belts and other introduced vegetation; clearance and salvage of indigenous vegetation; land retirement and fencing of indigenous vegetation to be protected; and planting of vegetation; (b) Site access – construction of temporary access tracks; upgrading of existing tracks; (c) Earthworks – preliminary earthworks associated with initial stream diversions, stormwater diversions, water storage and sediment pond construction, trials, contaminated land removal or remediation, site compounds, access, set-up of borrow pits, formation of bridge piling platforms; (d) Structures – demolition / removal of existing buildings and structures; temporary and permanent fencing; construction, traffic management and other safety signage; noise mitigation measures; (e) Pre-condition and land surveys; (f) Site Compounds – development of site compounds, including provision of access, hard-standing, facilities and buildings, connections to utility services, fencing and security, temporary accommodation, laydown areas; (g) Trials – stabilisation trials; compaction trials; (h) Network utilities and services – relocation, replacement and/or protection works associated with existing utility services; (i) Erosion and sediment control works associated with the above enabling works; (j) Species rescue associated with the above enabling works. <p>For the avoidance of doubt, enabling works does not include bulk earthworks.</p>
<p>NZTA.87 Added via s181(3); <i>Confirmed Granted</i> on 11/09/2014</p>	<p>The EWMP shall include but need not be limited to, the following matters:</p> <ol style="list-style-type: none"> (a) For any enabling works located within 500 metres of: <ul style="list-style-type: none"> • The brick fuel containment structure; • St Joseph’s Church and other associated features with the Church site grounds; or • Any other known archaeological sites and features; <p>the relevant matters that would otherwise be required to be included in the HMP (Conditions NZTA.16 to NZTA.18). Any provisions of the EWMP required under Condition NZTA. 87(a) shall be prepared in consultation with the relevant Council, the New Zealand Historic Places Trust and Te Rūnanga o Toa Rangatira Inc;</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	<p>(b) An accidental discovery protocol in accordance with NZTA.19;</p> <p>(c) The matters relevant to the enabling works that would otherwise be required to be included in the CEMP (Condition NZTA.21);</p> <p>(d) The relevant matters for each area or stage of enabling works that would otherwise be required to be included in the CTMP and SSTMP for that area (Conditions NZTA.22, NZTA.23 and NZTA.27 to NZTA.30A). These provisions of the EWMP shall be prepared in consultation with the relevant Council's Road Asset Manager (or their nominee(s));</p> <p>(e) The results of a pre-construction condition survey of the carriageway/s along those local roads affected by the enabling works, in accordance with Condition NZTA.32;</p> <p>(f) The matters relevant to the enabling works that would otherwise be required to be included in the CNVMP (Conditions NZTA.35 and NZTA.36);</p> <p>(g) For any enabling works within 200 metres of the following properties:</p> <ul style="list-style-type: none"> • 4 Rangatira Road • 17 Rangatira Road • 19 Rangatira Road • 21 Rangatira Road • 23 Rangatira Road • 25 Rangatira Road • 55 Collins Avenue (CNVMP only) <p>the relevant matters that would otherwise be required to be included in the CTMP (Conditions NZTA.24 and NZTA.25) and the CNVMP (Conditions NZTA.35 and NZTA.37);</p> <p>(h) The matters relevant to the enabling works that would otherwise be required to be included in the CAQMP (Conditions NZTA.39 to NZTA.41);</p> <p>(i) For any enabling works which include permanent works, the relevant matters that would otherwise be required to be included in the LUDMP (Conditions NZTA.42, NZTA.43, NZTA.45 and NZTA.46, and NZTA.47 and NZTA.48 (if relevant for any permanent enabling works), NZTA.50 and NZTA.50A). Any provisions of the EWMP required under Condition NZTA. 87(i) shall be prepared in consultation with the parties listed in Condition NZTA.42 as required by that condition;</p> <p>(j) For any enabling works that are located in the vicinity of any valued natural areas identified in the report prepared in accordance with Condition NZTA.52, a report setting out how the enabling works will minimise the extent of adverse effects on the relevant valued natural area(s) in accordance with the requirements of Condition NZTA.51. This report shall be prepared with inputs from a suitably qualified roading design engineer and an ecologist;</p> <p>(k) The matters relevant to the enabling works that would otherwise be required to be included in the NUMP (Conditions NZTA.57 to NZTA.63). Any provisions of the EWMP required under Condition NZTA. 87(k) shall be prepared in consultation with the parties listed in Conditions NZTA.57 to NZTA.63 as required by those conditions.</p>
<p>NZTA.88 Added via s181(3); <i>Confirmed Granted on 11/09/2014</i></p>	<p>Enabling works provided for in the EWMP shall not commence until the Requiring Authority has received the relevant Council's written certification for the EWMP.</p> <p>For the purposes of certification, the relevant Council(s) shall be the Council(s) for the part(s) of the Project where the enabling works are to be undertaken. In addition, if the EWMP includes an interrelationship with site specific plans referred to in Condition NZTA.42(b), the EWMP also requires certification by the Wellington Regional Council in relation to its statutory functions relevant to that interrelationship.</p> <p>The Requiring Authority shall undertake enabling works and relevant monitoring and management in accordance with the certified EWMP.</p> <p>Where enabling works are specified in a certified EWMP, the details of these works do not</p>

Reference	Conditions – NZTA Confirmed Notices of Requirement
	need to be provided for in the relevant management plans required by Conditions NZTA.6, NZTA.21 or NZTA.57.
NZTA.89 Added via s181(3); <u>Confirmed</u> <u>Granted</u> on 11/09/2014	The Requiring Authority may amend a certified EWMP by submitting the amendment(s) to the EWMP to the relevant Council(s) for certification. Conditions NZTA.84 to NZTA.88 shall apply, as relevant, to the amendment(s) to the EWMP. No amendments to the EWMP may take effect until certified by the relevant Council(s).

NZ Transport Agency – Resource Consent Conditions

Definitions – NZTA Resource Consents	
AEE	Transmission Gully Project Assessment of Effects on the Environment Volumes 1 to 5 dated August 2011
CEMP	Construction Environmental Management Plan
Commencement of Works	means the time when the works that are the subject of these consents commence
Compliant Sediment Retention Device	A device which has a volume of 3% of the contributing catchment, 3 to 1 length to width ratio, floating decants and a rainfall initiated chemical treatment system and meets the design criteria specified in the ESCP, and otherwise meets the design criteria specified in NZTA's <i>Draft Erosion and Sediment Control Standard for State Highway Infrastructure</i> and <i>Draft Field Guide for Contractors</i> or the WRC Erosion and Sediment Control Guidelines for the Wellington Region whichever is more stringent.
Consent Holder	Means the NZ Transport Agency
EMMP	Ecological Management and Monitoring Plan
ESCP	Erosion and Sediment Control Plan
ESCMP	Erosion and Sediment Control Monitoring Plan
Heavy Rainfall Event	Means any rainfall event that is predicted to meet or exceed 20mm in one 24 hour period
KCDC	Kapiti Coast District Council
The Manager	means the Manager, Consents Management, Wellington Regional Council or nominated WRC staff or contractor appointed to act on the Manager's behalf, or the equivalent Territorial Authority officer (where relevant).
PCC	Porirua City Council
Project	means the construction, maintenance and operation of the Transmission Gully Main Alignment and/or the Kenepuru Link Road
RMA and "The Act"	Resource Management Act 1991
SSEMP	Site Specific Environmental Management Plan
Stabilisation Trigger Event	means any rainfall event that is predicted to meet or exceed 50mm in one 24 hour period.
Stabilised	means inherently resistant to erosion or rendered resistant, such as by using indurated rock or by the application of basecourse, grassing, mulch, or another method to the reasonable satisfaction of the Manager. Where seeding or grassing is used on a surface that is not otherwise resistant to erosion, the surface is considered stabilised once, on reasonable visual inspection by the Manager 80% vegetative ground cover has been established over the entire area. "Non-stabilised" areas are those which do not meet the definition of "stabilised".
Stage	means a stage of the Project as nominated by the consent holder and agreed with the Wellington Regional Council, and/or shown in staging plans required by this consent
TSS	means Total Suspended Solids

Definitions – NZTA Resource Consents	
UHCC	Upper Hutt City Council
WCC	Wellington City Council
Work	means any activity or activities undertaken in relation to the Project
WRC	Wellington Regional Council

Advice Note: The “G” conditions apply to all resource consents except the concrete batching plant. The CBP conditions are a complete set of conditions developed for that consent.

Reference	General Conditions – NZTA Resource Consents
<p>G.1</p> <p><i>Changed via s127; granted on 25/07/2014</i></p>	<p>The Project shall be undertaken in general accordance with the plans and information submitted with the application as documented as consent numbers RC 1-14 subject to such amendments as may be required by the following conditions of consent.</p> <p>The plans and information include:</p> <p>(a) Assessment of Environmental Effects report, dated 8 August 2011</p> <p>(b) Plan sets:</p> <ul style="list-style-type: none"> i. LR00-20: Land requirement plans ii. GM01-21: Road layout plans iii. GM22-84: Longitudinal sections and cross sections iv. DR01-21: Drainage layout plans v. SO1-29: Structures plans vi. LA01-21: Landscape plans vii. AC01-21: Construction access plans <p>(c) Plans and information presented in support of the application at the Board of Inquiry hearing.</p> <p><u>In relation to the activities provided for in RC4-14, RC10A, RC11A, and RC12A, the Assessment of Environmental Effects report dated June 2014 (and any further information provided in support of this report), and the Drainage Layout Plans (GM-0010 – GM-0011, DR-2002 – DR-2022), and the Bridges Plans (3301-3303, 3401, 3402, 3601, 5001-5004, 5801-5803) attached as Appendix B to the Assessment of Environmental Effects report, shall prevail over any conflicting plans or information in the documents and plan sets in (a)-(c) above. These activities shall be undertaken in general accordance with those plans and information.</u></p> <p>Where there is conflict between the documents lodged and the conditions, the conditions shall prevail.</p>
<p>G.2</p>	<p>Subject to the consent holder holding or obtaining appropriate property rights to enable it to do so, the consent holder shall permit the servants or agents of the WRC to have access to relevant parts of the respective properties at all reasonable times for the purpose of carrying out inspections, surveys, investigations, tests, measurements and/or to take samples.</p>
	<p>Pre-construction administration conditions</p>
<p>G.3</p>	<p>At least 10 working days prior to commencement of any Stage the consent holder shall arrange a pre-construction site meeting between the Manager and any other relevant party nominated by the Manager, including all the relevant contractors’ representatives.</p> <p>In the case that any of the invited parties, other than the representative of the consent holder, does not attend this meeting, the consent holder will have complied with this condition, provided the invitation requirement is met.</p> <p>The consent holder shall, ensure that additional site meetings are held between the consent holder, the Manager and any other relevant party nominated by the Manager, at appropriate intervals, and not less than annually, which shall include when a new key contractor commences work.</p>
<p>G.4</p>	<p>The consent holder shall ensure that a copy of this consent and all documents and plans referred to in this consent, are kept on site at all times and presented to any WRC officer on request.</p>
	<p>Consent lapse and expiry</p>
<p>G.5</p> <p><i>Changed via s127; granted on 25/07/2014</i></p>	<p>Pursuant to section 125(1) of the Act, the consents referenced RC1-RC14, RC2, RC3, RC4, RC5, RC6, RC7, RC8, RC9, RC10, RC11, RC12, RC13, RC14, RC10A, RC11A, and RC12A shall lapse 15 years from the date of their commencement (pursuant to Section 116(5) of the Act) unless it has been given effect, surrendered or been cancelled at an earlier date.</p>

Reference	General Conditions – NZTA Resource Consents
G.6 <i>Changed via s127; granted on 25/07/2014</i>	Pursuant to section 123(c) of the Act, the consents referenced RC2 – RC14, RC10A, RC11A, and RC12A, RC3, RC4 – RC7 (except in relation to the reclamation aspects of these consents), RC8, RC9 – RC12 (except in relation to the reclamation aspects of the consents), RC13, RC14 shall expire 35 years from the date of their commencement (pursuant to Section 116(5) of the Act).
	Review condition
G.7	<p>The Manager may review any or all conditions of this consent by giving notice of their intention to do so pursuant to Section 128 of the Resource Management Act 1991, at any time within six months of the first, third, fifth and seventh anniversaries of the date of commencement of the works authorised by this consent for any of the following purposes:</p> <p>(a) To deal with any adverse effects on the environment, which may arise from the exercise of this consent, and which it is appropriate to deal with at that time; and</p> <p>(b) To review the adequacy of the construction operating and maintenance processes and the monitoring requirements for this consent so as to incorporate any modifications to the construction operational and maintenance procedures or monitoring that may be necessary to deal with any adverse effects on the environment arising from the exercise of this consent.</p>
	Archaeology
G.8	<p>The consent holder, in consultation with, Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust, shall prepare an accidental discovery protocol, and provide a copy to the Council at the same time as submission of the CEMP. The protocol shall be implemented in the event of accidental discovery of cultural or archaeological artefacts or features during the construction of the Project. The protocol shall include, but not be limited to:</p> <p>(a) Training procedures for all contractors regarding the possible presence of cultural or archaeological sites or material, what these sites or material may look like, and the relevant provisions of the Historic Places Act 1993 if any sites or material are discovered;</p> <p>(b) Parties to be notified in the event of an accidental discovery shall include, but need not be limited to Te Runanga o Toa Rangatira Inc, the New Zealand Historic Places Trust, the WRC, the relevant District or City Council and the New Zealand Police (if koiwi are discovered);</p> <p>(c) Procedures to be undertaken in the event of an accidental discovery (these shall include immediate ceasing of all physical works in the vicinity of the discovery); and</p> <p>(d) Procedures to be undertaken before Work under this consent may recommence in the vicinity of the discovery. These shall include allowance for appropriate tikanga (protocols), recording of sites and material, recovery of any artefacts, and consulting with Te Runanga o Toa Rangatira Inc and the New Zealand Historic Places Trust prior to recommencing works in the vicinity of the discovery.</p>
	Complaints
G.9	<p>At all times during construction work, the consent holder shall maintain a permanent record of any complaints received alleging adverse effects from, or related to, the exercise of this consent. The record shall include:</p> <p>(a) the name and address (as far as practicable) of the complainant;</p> <p>(b) identification of the nature of the complaint;</p> <p>(c) location, date and time of the complaint and of the alleged event;</p> <p>(d) weather conditions at the time of the complaint (as far as practicable), and including wind direction and approximate wind speed if the complaint relates to air quality.</p> <p>(e) the outcome of the consent holders investigation into the complaint;</p> <p>(f) measures taken by the consent holder to respond to the complaint; and</p> <p>(g) Any other activities in the area, unrelated to the project that may have contributed to the</p>

Reference	General Conditions – NZTA Resource Consents
	<p>complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.</p> <p>The consent holder shall also keep a record of any remedial actions undertaken.</p> <p>This record shall be maintained on site and shall be made available to the Manager and the relevant Territorial Authority, upon request. The consent holder shall notify the Manager and the relevant Territorial Authority of any such complaints as soon as practicable after the complaint is received by the consent holder, or any representatives. This notification shall be either by telephone or email, or via an alternative electronic method as agreed with the Manager.</p>
	<p>Incidents</p>
G.10	<p>The consent holder shall immediately notify the Manager and the relevant Territorial Authority if any contaminants (including sediment) or material are released in the undertaking of the Work and enters any watercourse due to any of the following:</p> <ul style="list-style-type: none"> (a) discharges from non-stabilised areas that are not treated by erosion and sediment control measures required under this consent; and/or (b) failure of any erosion and sediment control measures; and/or (c) any other incident which either directly or indirectly causes, or is likely to cause, adverse ecological effects in any watercourse that is not authorised by a resource consent held by the consent holder. <p>If any of these incidents occur, the consent holder shall notify the Manager of any such incidents as soon as practicable after the incident being identified, and shall:</p> <ul style="list-style-type: none"> (d) re-establish control measures as soon as practicable where these have failed or have not been implemented in accordance with the CEMP, ESCP or SSEMP; (e) liaise with the Manager to establish what remediation or rehabilitation is required and whether such remediation or rehabilitation is practical to implement; (f) carry out any remedial and/or mitigation action as required by and to the satisfaction of the Manager; and (g) maintain a permanent record of the incident at the site, which shall include the date and time of the incident, the nature, manner and cause of the release of the contaminants, weather conditions at the time of the incident and the steps taken to contain any further release and to remedy any adverse ecological effects on the watercourse. <p>This notification shall be either by telephone or email, or via an alternative electronic method as agreed with the Manager.</p>

Reference	General Conditions – NZTA Resource Consents
G.10A	<p>The consent holder shall, if requested by the Manager in response to a complaint, incident or other reasonable request that relates to managing an adverse environmental effect that is directly related to the construction of the project, carry out a review of any management plan required by these conditions. The consent holder shall submit the reviewed management plan to the Manager for certification that:</p> <ul style="list-style-type: none"> (a) The reason(s) for requiring the review have been appropriately addressed; and (b) Appropriate actions and a programme for implementation are provided for if required.
	<p>Staff Training</p>
G.11	<p>At least 5 working days prior to the commencement of any earthworks or earthworks stage, contractors responsible for supervising site staff shall be briefed as followed:</p> <ul style="list-style-type: none"> (a) For those contractors likely to be involved in the construction and maintenance of erosion and sediment control devices, the consent holder shall engage a suitably qualified and experienced person approved by the Manager to deliver a practical on-site training session. The training session shall be for the purpose of explaining the performance standards required by these consent conditions to be achieved by the erosion and sediment control devices; (b) For those contractors likely to be involved in the construction of any stream diversions or other in-stream works, they shall be briefed on the values of the stream, the objectives of stream design, the requirements of native fish for fish passage, and the sensitivity of the receiving environment to sediment discharge; and (c) For those contractors likely to be involved in any works involving vegetation clearance, they shall be briefed on the values of any significant areas of vegetation that are to be retained, and the methods that shall be used to identify and protect them during construction. <p>The consent holder shall to the satisfaction of the Manager, establish a process and programme for training of new staff members joining the project team after the initial training is delivered for the duration of the Works, and for any staff moving to a new Site Specific Environmental Management Plan area.</p>
	<p>Staging and programme conditions</p>
G.12	<p>At least 20 working days prior to the commencement of any work authorised by this consent, the consent holder shall prepare an overall staging plan for the whole project which shall be supplied to the Manager for information. The staging plan shall demonstrate how the project will be staged, and the proposed total construction period.</p>
G.13	<p>The consent holder shall provide the Manager with an updated schedule of construction activities and timing of management plans for the Project at monthly intervals throughout the construction phase of the entire Project.</p>
	<p>Annual Reporting</p>
G.14	<p>The consent holder shall provide to the Manager by the 30th of June each year (or on an alternative date as otherwise agreed to by the Manager), an annual monitoring report. The purpose of this report is to provide an overview of the monitoring and reporting work undertaken, and any environmental issues that have arisen during the construction of the Project. As a minimum this report shall include:</p> <ul style="list-style-type: none"> (a) all monitoring data required in accordance with the conditions of this consent; (b) any reasons for non-compliance or difficulties in achieving compliance with the conditions of these resource consents; (c) any works that have been undertaken to improve the environmental performance of the site or that are proposed to be undertaken in the up-coming year; (d) recommendations on alterations to the monitoring required; and (e) any other issues considered important by the consent holder.

Reference	General Conditions – NZTA Resource Consents
	Management plans – General
G.15	All works shall be carried out in accordance with the management plans required by these conditions.
G.16	The consent holder may request amendments to any of the management plans required by these conditions by submitting the amendments in writing to the Manager for certification. Any changes to management plans shall remain consistent with the overall intent of the relevant management plan, and no changes may take effect until certified by the Manager.
G.17	Where a management plan is required to be prepared in consultation with any third party, the management plan shall demonstrate how the views of that party (or parties) have been incorporated, and where they have not, the reasons why.
G.18	<p>The management of key environmental effects associated with the construction phase of the Project shall be detailed within environmental management and monitoring plans that are included as appendices to the CEMP. This suite of plans shall include:</p> <ul style="list-style-type: none"> (a) Contaminated Land Management Plan (CLMP) – Condition G.20; (b) Erosion and Sediment Control Plan (ESCP) – Condition E.11 and E.12; <ul style="list-style-type: none"> a. Chemical Treatment (flocculation) Plan (CTP) – Condition E.24 and E.25; (c) Ecological Management and Monitoring Plan (EMMP) – Condition G.21; (d) Forestry Harvesting Plan – (FHP)- Condition E.27; (e) Environmental monitoring measures – before, during and after construction (Conditions G.34 to G.57): <ul style="list-style-type: none"> b. Ecological Monitoring measures (contained within the EMMP) – Condition G.21; c. Erosion and Sediment Control Monitoring Plan (ESCMP) – Condition G.39.
	<p>Construction Environmental Management Plan</p> <p>Advice Note: The CEMP is required to be certified by the Wellington Regional Council and the relevant Territorial Authorities in respect of their statutory functions. The CEMP is to be supplied to the Councils for an initial consultation process, and then the finalised document is required to be supplied for information, and display in a site office.</p>
G.19A	The Consent Holder shall, at least 20 working days prior to submitting the Construction Environmental Management Plan required by Condition G.19 to the Councils for certification, submit a draft to the Councils for comment. Any comments received shall be supplied to the relevant Managers when the CEMP is submitted, along with clear explanation of where any comments have not been incorporated and the reasons why.
G.19 <i>Changed via Section 127; granted on 26/08/15</i>	<p>At least 20 working days prior to the commencement of construction, the consent holder shall submit a Construction Environmental Management Plan to the relevant Managers for certification that:</p> <ol style="list-style-type: none"> 1. The CEMP is consistent with the draft submitted with the application (dated July 2011); 2. As a minimum, the CEMP meets the information requirements of, and gives effect to, the matters set out in this condition (Condition G.19). <p>Works shall not commence until the consent holder has received the relevant Managers' written certification of the CEMP.</p> <p>The CEMP shall provide details of the responsibilities, reporting frameworks, coordination and management required for project quality assurance; final detailed design; construction methodologies; timeframes and monitoring processes and procedures. The CEMP shall confirm final project details, staging of Work, and detailed engineering design to seek to ensure that the Project remains within the limits and standards approved under this consent and that the construction and operation activities avoid, remedy or mitigate adverse effects on the environment in accordance with the conditions of this consent, and the conditions imposed on the designation.</p> <p>Advice Note: “Detailed design” and “detailed engineering design” for the purposes of</p>

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	<p><u>meeting the requirements of this condition relates to the level of design necessary to show the physical extent and form of permanent Project works. This is to enable Councils to determine whether the permanent works are in general accordance with the designations and resource consents for the Project while also addressing their respective conditions.</u></p> <p>A CEMP shall include but need not be limited to:</p> <p>(1) <i>Quality Assurance</i></p> <p>A Quality Assurance section which shall include management frameworks, systems and procedures for quality management of all on-site activities and compliance with the conditions imposed on this consent. Among other matters this section shall provide details of the following:</p> <ul style="list-style-type: none"> (a) Name, qualifications, relevant experience and contact details of an appropriately qualified and experienced project manager, who shall be responsible for overseeing compliance with the CEMP; (b) Names, qualifications, relevant experience, and methods for contacting principal staff employed on the relevant part of the Project, along with details of their roles and responsibilities; (c) Methods and systems to inform and train all persons working on site of potential environmental issues, the accidental discovery protocol, and how to comply with conditions of the consent; (d) Systems and processes whereby the public are informed of contact details of the project manager and principal staff identified above; (e) Liaison procedures with the Council; and (f) Communication protocols. <p>(2) <i>Site Management</i></p> <p>The Site Management section of the CEMP shall detail procedures to manage the relevant part of the Project throughout the entire construction process in a safe manner. Among other matters, this section shall provide details of the following:</p> <ul style="list-style-type: none"> (a) Details of the site access for all Work associated with construction of the part of the Project; (b) Measures to be adopted to maintain the site in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities; (c) Location of workers' conveniences (e.g. portaloos); (d) Procedures for controlling sediment run-off into the watercourses/streams, dust and the removal of soil, debris and construction materials from the watercourses/streams and riparian margins (including identifying the location of wheel wash facilities); (e) A contingency plan in the event that there is any unconsented discharge to watercourses/streams; (f) Details of the storage of fuels and lubricants (which shall require that storage be bunded or contained in such a manner so as to prevent the discharge of contaminants from spillages); (g) Details of the proposed maintenance of machinery and plant to minimise the potential for leakage of fuels and lubricants; (h) Location of vehicle and construction machinery access and storage during the period of site works; (i) Procedures for thoroughly cleaning all machinery of unwanted vegetation (e.g. weeds), seeds or contaminants prior to entering the site and any other methods to avoid the introduction or spread of unwanted weeds or pests; (j) Methods for the clear identification and marking of the construction zones including those which extend into watercourses; (k) A methodology that prescribes the extent to which machinery can operate in the vicinity of watercourses so as to minimise disruption and damage to the watercourses and associated vegetation;

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	<p>(l) Methods to manage public health and safety during the construction works, and notification to the public of any temporary access restrictions to the immediate works area during the staged construction;</p> <p>(m) Confirmation that no equipment or machinery will be cleaned, or refuelled in any part of any watercourses/streams, except as otherwise specifically provided for in the CEMP or an SSEMP; and</p> <p>(n) Procedures for removing all contaminants (e.g. fuel, hydraulic oils, lubricants etc) from the site at the end of the construction period, except for those required for ongoing maintenance of the road and operational activities.</p> <p><i>(3) Construction Programme and Methodology</i></p> <p>Notwithstanding Conditions G.12 and G.13 above, a Construction Programme which shall include a programme of works that seeks to enable the relevant part of the Project to be constructed in a manner that is timely, adequately co-ordinated and manages the adverse effects of construction on the environment in accordance with the conditions of this consent. This section shall, among other matters, provide details of the following:</p> <p>(a) A detailed staging programme and anticipated timetable for construction works during the relevant part of the Project; and</p> <p>(b) A methodology to identify how earthworks will be staged during the relevant parts of the Project to manage the effects of the Project on the Pauatahanui Inlet in accordance with this consent.</p> <p><i>(4) Layout Drawings</i></p> <p>Drawings showing the proposed layout of the carriageway design and footprint, construction yards and compounds, including associated buildings, fencing and site accesses. The layout drawings shall, as far as practicable, show the location of the following:</p> <p>(d) The main access to the construction yards which shall be located as far as practicable from residential dwellings;</p> <p>(e) Noisy construction activities which shall be located as far as practicable from residential dwellings;</p> <p>(f) Temporary acoustic fences and visual barriers.</p>
	<p>Contaminated Land Management Plan</p>
<p>G.20</p> <p><i>Changed point 1 via s127; granted on 4/10/2013</i></p>	<p>As part of the CEMP, the consent holder shall prepare a Contaminated Land Management Plan (CLMP) which shall include information regarding:</p> <p>(a) The measures to be undertaken in the handling, storage and disposal of all contaminated material excavated during the construction works;</p> <p>(b) The soil validation testing that will be undertaken;</p> <p>(c) The soil verification testing that will be undertaken to determine the nature of any contamination in excavated spoil and the potential reuse or disposal options for that spoil; <u>Reuse options for the spoil shall identify all instances where material may be used as fill on site and the methods of remediating, stabilizing or encapsulating the material as required;</u></p> <p>(d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities, including measures to:</p> <ul style="list-style-type: none"> • Assist with identification of unknown contaminated material; • Stop work or isolate the area once any such material is identified; <p>(e) The measures to be undertaken to:</p> <ul style="list-style-type: none"> • Protect the health and safety of workers and the public; • Control stormwater runoff and runoff; • Remove or manage any contaminated soil;

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	<p>(f) Measures – which shall be developed in consultation with the New Zealand Police and the New Zealand Defence Force – to be undertaken to manage the risk of unexpectedly discovering an unexploded ordnance (UXO); and</p> <p>(g) The measures to be undertaken to:</p> <ul style="list-style-type: none"> • Identify any suspected asbestos; • Identify the type of asbestos and confirm the appropriate means by which it shall be removed; • Handle asbestos containing material. • Implement appropriate health and safety measures to maintain the safety of workers and the public; and • Remove the asbestos and dispose of it to an appropriately licensed facility. <p>These measures shall include appointment of a suitably qualified contractor to implement the actions identified in the CLMP.</p> <p><u>The reuse of any contaminated soil must be in accordance with Rule 21 of Greater Wellington Regional Council Discharge to Land Plan (dated 17 December 1999).</u></p>
	<p>Ecological Management and Monitoring Plan</p>
G.21	<p>The consent holder shall, in consultation with the Director-General of Conservation, Te Runanga o Toa Rangatira Inc and the Territorial Authorities, prepare an Ecological Management and Monitoring Plan (EMMP). At least 20 working days prior to works commencing on any stage of the Project, the consent holder shall submit the EMMP to the Manager and the relevant Territorial Authority, for certification that:</p> <ol style="list-style-type: none"> 1. The EMMP has been prepared in general accordance with the EMMP submitted with the application dated July 2011 and including the later updated marine sections entitled “Revised Draft Marine Ecology Quality Monitoring Methodology & Adaptive Management Plan” dated December 2011 (which supercede the marine sections in the July 2011 version); 2. The EMMP includes performance measures, actions, methods, trigger levels and monitoring programmes designed to achieve the objectives specified in Conditions G.23 below; 3. Consultation has been undertaken with the parties listed in this condition; and 4. As a minimum, the EMMP meets the information requirements in, and gives effect to, the matters set out in Conditions G.23 and G.24.
G.22 Added G.22 via s127; granted on 14/04/2014	<p><u>In order to confirm that the LUDMP required to be submitted to the Territorial Authorities under condition NZTA.42 is consistent with the landscape restoration components in the EMMP, the EMMP shall be submitted to the Manager for certification only in respect of its landscape components, prior to lodgement of the LUDMP as required by condition NZTA.44</u></p>
G.23	<p>The objectives of the EMMP shall be to demonstrate how the consent holder will monitor, manage and mitigate for the adverse effects of construction activities on terrestrial, freshwater and marine ecological values, and their associated biodiversity values, including but not limited to:</p> <ol style="list-style-type: none"> (a) Lowland coastal broadleaf forest and associated habitats (b) Protected species including: <ol style="list-style-type: none"> i. Lizards ii. Bats iii. Breeding kaka iv. Breeding falcon v. Coastal birds (c) Terrestrial invertebrates including <i>Peripatus</i>

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	<ul style="list-style-type: none"> (d) Native fish and other aquatic life (e) Freshwater and the marine environments (f) Valued vegetation (as described in Condition NZTA.51) and the specific areas set out in Condition G.31 (g) Leptinella tenella (h) Carrying out monitoring in a manner that confirms that mitigation meets objectives.
<p>G.24</p> <p><i>Changed point (b)(i) via s127; granted on 27/11/2013</i></p>	<p>The EMMP shall set out the methodologies and processes that will be used to achieve the objectives in Condition G.23 and shall include but is not limited to:</p> <ul style="list-style-type: none"> (a) Ecological Management <ul style="list-style-type: none"> i. Staff training and staff roles and responsibilities ii. Vegetation and habitat management (including land retirement, vegetation clearance, revegetation, and enrichment) iii. Management of effects on lizards, terrestrial macro-invertebrates, avifauna and bats including to give effect to Conditions G.37 and G.38 iv. Management of in-stream works including design principles for culverts and diversions and procedures for fish translocations v. The use of eco-sourced plant material (sources from the appropriate Ecological District) vi. Prevent introduction of weeds or pests to the site through importation of materials or on equipment (b) Habitat restoration <ul style="list-style-type: none"> i. A requirement to prepare an update to the document entitled “transmission gully motorway general approach to ecological mitigation, land retirement and planting” (Beca 2001). The update shall have regard to the success monitoring of earlier revegetation undertaken for the previous designation, and incorporation of requirements in Conditions NZTA G.31 and NZTA.51. ii. A Revegetation and Enrichment Plan for each area identified under condition G.31, including monitoring in accordance with condition G.36. iii. A Stream Restoration Plan for each affected stream or reach. The Stream Restoration Plan(s) for the Te Puka and Upper Horokiri Streams shall determine the methodology that will be adopted to maintain fish passage and an adequate instream habitat. iv. Where innovative treatments are being used (diversion, fern hydromulching) the EMMP shall identify how the treatment shall be deemed successful (c) Ecological Monitoring and adaptive management <ul style="list-style-type: none"> i. Establishing specific measures and/or criteria to determine the success of ecological management and mitigation ii. Establishing specific approaches and contingency plans that will be employed to undertake adaptive management of adverse effects arising from construction on terrestrial ecology, freshwater ecology and marine ecology iii. Where adaptive management will be applied, the measures of success of the management and the point at which alternative management will be initiated where success has not been achieved iv. Establish procedures for marine monitoring including benthic habitat monitoring, determination of trigger events and effects based thresholds for deposition of sediment. (d) In addition the EMMP shall: <ul style="list-style-type: none"> i. Include a programme as required by Condition NZTA.56 setting out timing for achievement of the land retirement, enrichment planting, revegetation and covenanting that is required by Condition G.31; ii. Demonstrate an integrated approach to the development of this EMMP and the LUDMP that is required to be prepared under Condition NZTA.42.

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	<ul style="list-style-type: none"> iii. Demonstrate an integrated approach to the development of this EMMP and the erosion and sediment control measures contained in the ESCP and SSEMPs. iv. Describe the process for review(s) of the EMMP.
G.25	<p>The EMMP shall set out provisions for salvage of elements of any habitat of indigenous flora and fauna that is being destroyed as a result of the project where practicable. The EMMP shall include:</p> <ul style="list-style-type: none"> (a) Provision for transfer elements of the habitat to other restoration areas including revegetation sites, and created habitats such as diversions and boulderfields; (b) The mechanisms shall include as a minimum: <ul style="list-style-type: none"> i. Retention of any felled and downed logs with a diameter greater than 40 cm and transfer to a suitable site within an area protected under Condition G.31. ii. Engagement of suitably qualified ecologists to develop appropriate procedures to manage effects on lizards, avifauna, bats, and freshwater fish where habitats are affected. iii. In the case of boulder banks and screes identified under Condition NZTA.51 collection of material from those for transfer to another site, with the minimum disturbance and desiccation that is practicable prior to and during transfer. iv. Chipping and salvage of as much woody vegetation as practicable, and relocation of that material to revegetation areas. v. In the detailed design of cuttings, service roading, revegetation sites etc, seeking to create and/or protect areas of stable vertical bank from hydro-seeding or other treatment using exotic species, wherever these exposures do not pose a risk to the road, and subject to the need to minimise erosion and sediment impacts on streams and the coast. vi. The coordination of construction works and environmental protection and restoration programmes through development of the SSEMP and through education of contractors. (c) Where natural vertical banks dominated by indigenous vegetation are being destroyed, remove soil and vegetation from those for transfer to sites with banks of similar light characteristics, to preserve as far as possible the soil invertebrates in those banks. (d) The SSEMPs shall identify where these mechanisms will be applied within each section of the alignment and at which stage of works it shall be carried out.
	<p>Site Specific Environmental Management Plans (SSEMPs)</p>
G.26 <i>Changed point (d) via s127; granted on 25/07/2014</i>	<p>The objective of each SSEMP is to integrate design elements within environmental management and monitoring methods into a set of plans for each stage or location, in order to define how the Project will be practically implemented on site.</p> <p>Not less than 20 working days prior to the commencement of any stage or location of construction works, the consent holder shall prepare and submit a Site Specific Environmental Management Plan (SSEMP) to the Manager and the relevant Territorial Authority (in respect of their statutory functions) for certification that:</p> <ol style="list-style-type: none"> 1. The SSEMP has been prepared with inputs from suitably qualified ecologists and erosion and sediment control specialists; 2. The SSEMP has been prepared in accordance with the certified CEMP, EMMP and ESCP; 3. As a minimum, the SSEMP meets the information requirements set out in Condition G.26 unless alternative arrangements have been agreed in writing with the Manager and the relevant Territorial Authority (in respect of their statutory functions). <p>In the event that an SSEMP cannot be consistent with either the ESCP or EMMP, the consent holder may adopt an alternative approach which shall be developed in consultation with the Manager and the relevant Territorial Authority (in respect of their statutory functions), and must be certified before works commence.</p> <p>The consent holder shall ensure that the CEMP, EMMP and ESCP have been certified prior to the submission of the first SSEMP unless otherwise agreed in writing with the Manager and the</p>

Reference	General Conditions – NZTA Resource Consents
	<p>relevant Territorial Authority (in respect of their statutory functions).</p> <p>The consent holder shall adhere to the requirements of each SSEMP at all times during the relevant construction stage of the Project.</p> <p>(a) Each SSEMP shall include, but need not be limited to:</p> <ol style="list-style-type: none"> i. a detailed design and construction methodology for all works within the area covered by the SSEMP; ii. details of any contractor appointed to carry out the works authorised by this consent, including the contractor's company, address, named representative and their contact details; iii. a detailed schedule of construction activities including the expected commencement date and duration of works in each location within the area covered by the SSEMP, and demonstrating that the area of disturbance will be kept to the minimum practicable; iv. Contour information at suitable intervals and catchment boundaries for the erosion and sediment control measures; v. Location of the work, and cut and fill operations; vi. Details of construction methods to be employed, including timing and duration; vii. Detailed design specifications of all earthworks within the SSEMP area including disposal sites; viii. Evidence that a suitably qualified engineer has been appointed to carry out the overall design, supervision and certification of earthworks (including cut/fill batter stability and construction of all erosion and sediment controls). <p>(b) In respect of erosion and sediment control, the SSEMP shall be prepared in general accordance with the certified ESCP, NZTA's <i>Draft Erosion and Sediment Control Standard for State Highway Infrastructure</i> and <i>Draft Field Guide for Contractors</i> or the <i>WRC Erosion and Sediment Control Guidelines for the Wellington Region</i> whichever is more stringent (and any subsequent amendments to those documents that occur after this consent is granted and prior to the commencement of construction), and shall include, but not be limited to:</p> <ol style="list-style-type: none"> i. a programme for managing non-stabilised areas of earthworks, including commencement dates, progressive stabilisation considerations; and demonstration of how the SSEMP shall ensure compliance with the area limits in Conditions E.1 and E.2; ii. demonstration of how the objectives in Condition E.7 and design criteria in Condition E.8 will be met. iii. detailed design specifications for all erosion and sediment control measures including supporting calculations where appropriate, contributing catchment area; retention volume of structure (dead storage and live storage measured to the top of the primary spillway); shape of structure (dimensions of structure); location of flood water; safety and access; position of inlets/outlets; stabilisation of the structure; and maintenance iv. justification for the use of erosion and sediment control measures other than Compliant Sediment Retention Devices (the use of measures other than 3% detention devices shall be avoided unless absolutely necessary and if such detention devices are employed they shall treat runoff from less than 5% of the Project area unless specifically certified by the Manager); v. detailed design of chemical treatment for each of the proposed sediment retention devices; vi. identification of innovative treatments and measures for erosion control that are to be used; vii. identification of contingency measures to be employed; viii. identification of the location of all discharge points to watercourses; ix. monitoring and maintenance schedules for all erosion and sediment control measures based on a requirement of the ESCMP, and including sediment removal efficiencies; x. a site plan showing contours at suitable intervals, cut and fill operations, the specific location of all sediment and erosion control measures, and catchment boundaries for the sediment controls;

Reference	General Conditions – NZTA Resource Consents
	<ul style="list-style-type: none"> xii. locating temporary stockpiles of excavated material at least 50 metres away from any ephemeral stream or permanent watercourse unless there is appropriate treatment of stormwater (which may include discharging to vegetated land); xiii. carrying out risk assessments which include consideration of the specific risks to the receiving environment and what could go wrong with ESC systems; xiv. consideration of soil erodibility related to soil types, slopes and sensitivity of receiving environments and regard to construction staging, open areas, topsoil/subsoil stripping; xv. details of additional specific measures that have been designed to address seasonal weather variations, in particular where bulk earthworks will be undertaken at any time between 30 May and 1 September. <p>(c) In respect of vegetation clearance and rehabilitation activities, the SSEMP shall include, but not be limited to:</p> <ul style="list-style-type: none"> i. identification of valued habitats identified under Condition NZTA.51 which are to be protected and retained; ii. management of vegetation clearance to minimise effects; iii. identification of soil resource to be used for rehabilitation within the SSEMP area; iv. a plan for implementing any relevant restoration plan included within the EMMP; v. identification of all treatments related to vegetation clearance, restoration and rehabilitation; and vi. provision for salvage of habitats and materials where practicable and as set out in the EMMP. <p>(d) In respect of stream realignment and culverting, <u>bridges over waterbodies</u> the SSEMP shall include, but not be limited to:</p> <ul style="list-style-type: none"> i. measures/methods to maintain fish passage during and following completion of construction works along the stretches of stream affected by the exercise of this consent; ii. specific consideration of seasonal migration of native fishes; iii. details of culvert <u>and bridge</u> inlet/outlet <u>and erosion</u> protection structures e.g. pre-cast wing walls or rock rip-rap; iv. appropriate sizing of culverts <u>and bridges</u> and allowances for secondary flow paths during high flows; v. detailed diversion plans and any other measures or details as appropriate to achieve compliance with all conditions of this consent and the objectives of the relevant management plans; vi. avoiding placement of excavated material in the wetted channel and minimising time spent by machinery in the wetted channel, including the number of vehicle crossings; vii. immediately removing any excess material from the bed and banks of the stream on completion of the work; and viii. Identification of any innovative treatments, for example of exposed rock cuttings and rehabilitation of stream diversions that are to be used; ix. details, methods, timing and responsibilities for revegetation of all exposed areas of stream bank or dewatered channel or culvert <u>and bridge</u> fill slopes as a result of this consent. <p>(e) Each SSEMP shall include a drawing that clearly shows the location of key areas or features that are required to be avoided or otherwise protected during construction. These features shall include, but not be limited to, notable areas of bush or vegetation and heritage features.</p>
G.27	The consent holder shall ensure that the CEMP, EMMP and ESCP have been certified prior to the submission of the first SSEMP unless otherwise agreed with the Manager and the relevant Territorial Authority (in respect of their statutory functions).
G.28	Works shall not commence on a given stage of the works until the SSEMP(s) required by Condition G.26 of this consent have been certified by the Manager and the relevant Territorial

Reference	General Conditions – NZTA Resource Consents
	Authority (in respect of their statutory functions) for that stage.
G.30	The consent holder may request amendments to any SSEMP by submitting the amendments in writing to the Manager and the relevant Territorial Authority (in respect of their statutory functions). Any amendments made to a given SSEMP shall be such that the plan will continue to achieve its stated objectives and functions to the satisfaction of the Manager and the relevant Territorial Authority (in respect of their statutory functions). No changes may take effect until the Manager and the relevant Territorial Authority's certification (that the plan will continue to achieve its stated objectives and functions) has been received.
	Land Protection – specific requirements
G.31 <i>Changed via s127; granted on 25/07/2014</i>	<p>The consent holder shall undertake works necessary to ensure that a combined total of at least 534ha of land is dedicated to the active or passive restoration of vegetation and associated ongoing management which shall be comprised of the following components:</p> <p>(a) Approximately 319ha comprising land retired from farming to allow natural regeneration;</p> <p>(b) Approximately 106ha comprising pioneer shrubland that shall be retired and revegetated and/or undergo enrichment planting to direct succession toward coastal lowland podocarp broadleaved forest appropriate for the site;</p> <p>(c) Approximately 109ha comprising grassed slopes, and river flats and stream banks in pasture shall be retired and undergo revegetation to commence successions necessary to develop into coastal lowland podocarp broadleaved forest appropriate for the site; and</p> <p>these areas, and vegetation planting within these, shall closely correspond to the maps 1-8 titled "Proposed Mitigation Sites and Treatments" attached in Schedule D unless otherwise agreed with the Manager, and shall be managed in accordance with the actions and management tasks set out the tables attached in Schedule D.</p> <p>Within the above areas, at least 26,500 linear metres of permanent stream mitigation and 17,000 linear metres of ephemeral stream mitigation including enriching riparian habitat and enhancing fish passage (where appropriate) shall be achieved <u>unless otherwise agreed by the Manager, the consent holder shall achieve the following:</u></p> <p>i. <u>At least 26,705</u> 26,500 linear metres of permanent stream mitigation and comprising:</p> <ul style="list-style-type: none"> • <u>Land use change including retirement, or enrichment or revegetation of riparian habitat; and</u> • <u>Existing advanced ecological mitigation riparian planting; and</u> • <u>Restored perennial and intermittent stream aquatic habitat in new diversions (not including armoured diversions connecting culvert outlets to existing streams), including riparian planting along those diversions</u> <p>ii. <u>Protection of 17,000 linear metres of ephemeral stream to offset effects on ephemeral streams and watersheds.</u> Mitigation including enriching riparian habitat and enhancing fish passage (where appropriate) shall be achieved.</p> <p>The mechanisms to achieve protection of the above land shall be set out within the EMMP and shall manage:</p> <p>(d) the felling, removal, burning or taking of any native trees, shrubs or plants or native fauna</p> <p>(e) planting of trees, shrubs or plants with a preference for specimens sourced from the ecological district within which the land is situated;</p> <p>(f) introduction of any noxious substance or substance otherwise injurious to plant life except in the control of pests;</p> <p>(g) access by stock by providing and maintaining fences and gates except when the provisions</p>

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	<p>of the Fencing Act 1978 apply;</p> <p>(h) the control of deer, goats, pigs, and weeds to levels that are necessary to achieve the conditions imposed on the relevant designation and associated consents, and to prevent significant loss of existing natural values; and</p> <p>(i) all weeds and pests in the land to the extent required by any statute and in particular comply with the provisions of, and any notices given under the Biosecurity Act 1993 and the Wild Animal Control Act 1977.</p> <p>Alterations to G.31 via Manager’s Discretion: Refer to Schedule D, Map 2, subject to land purchases (GWRC, 18/2/2014)</p>
G.31A	<p>The Consent Holder shall use its best endeavours to procure from the Crown the entering into of appropriate covenants and/or encumbrances (or similar legal mechanism) to ensure that, regardless of any future ownership/tenure changes, the areas of land required for retirement and revegetation planting specified in condition G.31 which are held or acquired by the Crown for the Project are protected in a manner that achieves at least the area of land retirement and revegetation planting specified in Condition G.31 in perpetuity, and shall upon request from the Council report progress on these best endeavours.</p> <p>The Consent Holder shall not:</p> <ul style="list-style-type: none"> • Take active steps for the sale of any of the land required for land retirement and/or revegetation planting as identified in the maps entitled “proposed Mitigation Sites and Treatments” until an appropriate covenant and/or encumbrance (or similar legal mechanism) is registered against each relevant title; and • Open the Main Alignment for use by the public unless an appropriate covenant and/or encumbrance (or similar legal mechanism) has been registered against all the land required for land retirement and/or revegetation planting which is not subject to this designation.
G.31B	<p>The consent holder shall, at the same time as it provides the Manager with the CEMP as required by Condition G.19, submit a programme setting out:</p> <p>(a) how and when the 534ha of land required to be dedicated to the active or passive restoration of vegetation and associated ongoing management will be set aside for those purposes;</p> <p>(b) a programme for implementation of the required enrichment planting and revegetation;</p> <p>(c) a programme for maintenance, monitoring and measuring success; and</p> <p>(d) the approximate time at which the protective covenant or similar mechanism will formally take effect.</p>
	<p>Replacement of existing culverts – specific requirements</p>
<p>G.32</p> <p><i>Changed entirely via s127; granted on 27/11/2013</i></p> <p><i>Changed further via s127; granted on 25/07/2014</i></p>	<p><i>Original Board of Inquiry condition:</i></p> <p>The replacement of the eight perched culverts within Duck Creek identified in Schedule A shall be completed within two years of the commencement of construction of any part of the new road between chainage 19000 and 23500 on the Main Alignment. Replacement culverts shall be designed so as to provide fish passage for native migratory fish species, and shall be of a similar size and capacity to the existing culverts unless otherwise agreed with the Manager.</p> <p><i>Changed entirely via s127 granted on 27/11/2013:</i></p> <p>The consent holder shall replace or modify, subject to the Manager’s approval, the eight existing perched culverts within Duck Creek identified in Schedule with similar size and capacity culverts so as to provide fish passage for native migratory fish species, no later than 1 year following completion of works within the Duck Creek catchment.</p>

Reference	General Conditions – NZTA Resource Consents
	<p>Advice note: Modifications to culverts may require additional consents from Greater Wellington Regional Council. Contact Greater Wellington Regional Council to discuss consent requirements for any proposed culvert modifications/additions once a preferred design is identified.</p> <p><i>Further change via s127 granted on 25/07/2014</i></p> <p>The consent holder shall replace or modify, subject to the Manager's approval, the eight existing perched culverts within Duck Creek identified in Schedule A on Drainage Layout Plans DR-2017 and DR-2018 with similar size and capacity culverts so as to provide fish passage for native migratory fish species, no later than 1 year following completion of works within the Duck Creek catchment.</p> <p>Advice note: Modifications to culverts may require additional consents from Greater Wellington Regional Council. Contact Greater Wellington Regional Council to discuss consent requirements for any proposed culvert modifications/additions once a preferred design is identified.</p>
<p>G.33</p> <p><i>Changed via s127; granted on 27/11/2013</i></p>	<p>The consent holder shall replace the existing perched culvert on the Wainui Stream where it passes underneath State Highway 1 (approx. grid reference NZTM N 5461389 E 1765567) with a new culvert that provides for fish passage for native migratory fish, within two years of commencement of construction Works in any part of the route north of the Wainui Saddle (chainage 5000).</p> <p><u>The consent holder shall replace or modify, subject to the Manager's approval, the existing perched culvert on the Wainui Stream where it passes underneath State Highway 1 (approx. grid reference NZTM N 5461389 E1765567) to provide fish passage for native migratory fish, no later than 1 year following completion of works within the Wainui/Te Puka catchment.</u></p> <p><u>Advice note: Modifications to culverts may require additional consents from Greater Wellington Regional Council. Contact Greater Wellington Regional Council to discuss consent requirements for any proposed culvert modifications/additions once a preferred design is identified.</u></p>
	<p>Ecological Monitoring – General</p>
<p>G.34</p>	<p>The consent holder shall ensure that:</p> <p>(a) All ecological monitoring required under the EMMP shall be undertaken by a suitably qualified and experienced ecologist</p> <p>(b) The results of all monitoring carried out pursuant to the Ecological Management and Monitoring Plan shall be:</p> <ol style="list-style-type: none"> i. available for inspection members of the public during normal office hours; ii. submitted to the Manager at quarterly intervals for information; iii. submitted to the Director-General of Conservation for information; and iv. summarised and submitted as part of the annual report required under Condition G.14. <p>(c) Records shall be kept to show where monitoring is not possible due to dry conditions.</p> <p>(d) In the event that an exceedence is recorded for any monitored parameter, an adaptive management process will be immediately instigated as described in the EMMP and in consultation with the Manager.</p>
	<p>Ecological Outcome Monitoring</p>
<p>G.35</p>	<p>As part of the EMMP, the consent holder shall develop mitigation outcome monitoring measures which shall set out principles and parameters for monitoring mitigation measures and an action</p>

Reference	General Conditions – NZTA Resource Consents
	<p>plan to remedy unsuccessful mitigation.</p> <p>The measures shall be determined in consultation with Te Runanga o Toa Rangatira Inc, Director General of Conservation and the Manager.</p> <p>The principles shall include, but not be limited to:</p> <ul style="list-style-type: none"> (a) Recording the habitat and biodiversity values found prior to commencement of construction in a form that will provide a basis for comparison later; (b) Using those values (identified in (a) above) as a baseline for the monitoring programme; (c) Measureable outcomes desired for species abundance and habitat abundance; (d) Achieving a comparable position to the existing situation for both habitat and biodiversity, with equal or better numbers of species, and equal or better localities of habitat; (e) Maintaining fish passage and habitat in reconstructed/diverted streams; and (f) Clear options for addressing mitigation measures that are demonstrated to be unsuccessful. <p>The purpose of the mitigation outcome monitoring is:</p> <ul style="list-style-type: none"> (g) to determine whether aquatic habitat and stream functions within the diversion and mitigation reaches have sufficiently improved; (h) confirm establishment of revegetation planting, enrichment planting and land retirement areas; and (i) to meet the mitigation requirements established by the analysis in the Ecological Impact Assessment dated August 2011 and submitted with the applications.
	<p style="text-align: center;">Revegetation Monitoring</p>
G.36	<p>All planting that is required to be undertaken under Condition G.31 (and as depicted on Schedule D – Proposed Mitigation Sites and Treatments) shall be subject to a three year maintenance period which shall commence from the time planting is undertaken in each planting area. At the completion of the three year maintenance period for each planting area, the consent holder shall engage a suitably qualified ecologist to carry out a full review of the success of the revegetation in that planting area to ensure it has met the mitigation requirements set out in the EMMP. The results of the review shall be provided to the Manager for certification:</p> <ul style="list-style-type: none"> (a) that the planting has met the requirements of the EMMP; and/or (b) to identify any remedial actions that need to be carried out. <p>Where any remedial actions are required, the consent holder shall provide a programme and description of remedial actions to the Manager for certification. These actions shall be carried out as soon as practicable having regard to weather and appropriate planting seasons.</p> <p>A further review of each revegetation area shall be carried out after 10 years of completion of the planting in each area to determine whether further actions are required to achieve the objective of revegetation. If necessary the revegetation plan in the EMMP shall be amended accordingly.</p>
	<p style="text-align: center;">Lizard Translocation Monitoring and Management</p>
G.37	<p>As part of the EMMP and prior to the commencement of construction, the consent holder shall engage an experienced herpetologist to develop a programme for management of effects on lizards during construction. This shall include but shall not be limited to:</p> <ul style="list-style-type: none"> (a) Identification or construction of appropriate relocation sites (b) Mammalian predator control prior to and during establishment at relocation sites (c) Methods and timing for pre-construction and during-construction salvage (d) Post-release monitoring of lizards within release sites and revegetated areas for five years. <p>The programme shall include criteria for determining the success of relocation and this shall be measured five years after the relocation activities have occurred. If relocation is deemed unsuccessful, a proposal for remediation shall be provided to the Manager for certification, prepared in consultation with DOC, for further actions that may be required in order to achieve the objectives in the EMMP.</p>

Reference	General Conditions – NZTA Resource Consents
	<p>Bat Monitoring</p>
G.38	<p>As part of the EMMP, the consent holder shall engage a suitably qualified ecologist to carry out the following:</p> <ol style="list-style-type: none"> (a) At least two full seasons of monitoring shall be carried out in each of the two years prior to the commencement of construction in the vicinity of the Wainui Saddle in the Te Puka and Upper Horokiri catchments in order to determine whether there are bats present in the area where their habitats may be affected by the operation of the proposed road; and (b) If bats are found to be present, the consent holder shall undertake a more detailed study designed in consultation with the Director General of Conservation (or nominee) to assess the potential for impacts on bats from road construction, from roost tree removal and during operation; and (c) If bats are present in numbers and locations that put them at risk during road construction and operation, the consent holder shall develop a plan which: <ol style="list-style-type: none"> i. Describes monitoring required road construction and operation ii. Confirms whether adverse effects are occurring iii. Determines the actions required to minimise and mitigate for losses and monitor the effectiveness of the methods used.
	<p>Erosion and Sediment Control Monitoring – General</p> <p>Advice note: Tables L5 and L6 of the draft ESCMP have been updated and those updated tables supersede the tables in the document lodged with the application.</p>
<p>G.39</p> <p><i>Changed via s127; granted on 04/11/2014</i></p> <p><i>Changed via s127; granted on 23/03/15</i></p> <p><i>Changed via s127 granted on 26/08/15</i></p>	<p>Except as provided by Condition G.39A, at least 20 working days prior to commencement of any stage or stages of construction or enabling works, the ESCMP shall be updated, reviewed by the Sediment Management Peer Review Panel, finalised and submitted to the Manager for certification that:</p> <ol style="list-style-type: none"> 1. It is consistent with the draft ESCMP lodged with the AEE applications (appended to the draft CEMP) and amended tables L5 and L6 that were submitted as exhibit 24 during the Hearing and are attached as Schedule F, <u>except for enabling works at Lanes Flat Compound and enabling works in the Te Puka and Horokiri Stream Catchments with respect to consistency with Table L6 only, with the agreement of the Manager;</u> 2. Gives effect to the requirements of this Condition and Conditions G.40, G.41, G.42 and G.43; 3. That monitoring incorporates an appropriate methodology, timing and monitoring locations suitable to gather appropriate and accurate data; and 4. Appropriate trigger monitoring values have been established for the site. <p>Any changes in the requirements of the ESCMP shall be certified by the Manager before they are implemented.</p> <p>The ESCMP shall include methods that require the consent holder to undertake as appropriate:</p> <ol style="list-style-type: none"> (a) Inspections of erosion control measures, surface water management measures and sediment control measures with frequency, inspection scope, performance measures, management actions and reporting described in the ESCMP. (b) Physical monitoring of sediment control measures with frequency, parameters, locations, performance measures (including treatment efficiency), management actions and reporting described in the ESCMP. The performance of chemical dosing systems shall also be monitored. The potential chemical effects from chemical dosing systems shall also be monitored and shall be determined based on the chemical flocculant that is to be used. (c) Physical monitoring of catchment control points with locations, frequencies, parameters, performance measures and reporting described in the ESCMP. In addition, management measures shall be added to the plan to ensure responses occur to exceedences of performance measures. The ECSMP shall cover the baseline monitoring required by condition G.40. (d) Physical monitoring of work area monitoring sites with locations, frequencies, parameters,

Reference	General Conditions – NZTA Resource Consents
	<p>performance measures and reporting described in the ESCMP. In addition, management measures shall be added to the plan to ensure prompt planned responses to any exceedences of performance measures.</p> <p>Inspections and physical monitoring of erosion and sediment control devices (a and b above) shall include the monitoring of heavy rainfall, Stabilisation Trigger Events and in accordance with the Chemical Treatment Plan.</p> <p>For all inspection and physical monitoring measures the Consent Holder shall set trigger levels at a higher standard than required to comply with consent conditions. These trigger levels shall be linked to management and actions to review and improve the performance of the erosion and sediment control systems so that improvements are made pre-emptively of consent conditions being exceeded. The actions taken must be recorded and supplied to the Manager if requested.</p>
G.39A	<p>Prior to the commencement of the pre-construction monitoring required under Condition G.40, the consent holder shall submit a draft ESCMP to the Manager for certification that monitoring incorporates an appropriate methodology, timing and monitoring locations suitable to gather appropriate and accurate data.</p>
	<p>Baseline Sediment Monitoring – pre-construction</p>
<p>G.40</p> <p><i>Changed via s127; granted on 27/11/2013</i></p>	<p>For at least one year prior to the commencement of construction <u>within each of the stream catchments identified by this condition</u>, the Consent Holder shall carry out baseline monitoring to confirm and record existing sediment loads and the baseline environmental conditions in the following streams:</p> <ul style="list-style-type: none"> (a) Whareroa <u>Te Puka</u> Stream (b) Horokiri Stream (c) Kenepuru Stream (d) Ration Stream (e) Duck Creek; and (f) Pauatahanui Stream <p>The monitoring shall be undertaken in accordance with the ESCMP in order to:</p> <ul style="list-style-type: none"> (g) Establish the current environmental variables (h) Establish trigger values for adaptive management (i) Provide a baseline against which to measure post construction changes and determine whether mitigation has been successful (having regard to the amended tables L5 and L6 contained in Schedule F). <p>The catchment control points shall be located upstream and downstream of the Project wherever practicable. The monitoring shall be continuous for flows and turbidity with relationships established between <u>in-stream</u> turbidity and total suspended sediment <u>Suspended Sediment Concentration determined by laboratory analysis of water samples collected</u> by automatic samplers during runoff events.</p> <p>The detail shall be provided in the ESCMP which shall be reviewed, and may need to be updated, upon receipt of the baseline monitoring data required by this condition. The consent holder shall submit the updated ESCMP to the Manager for certification that the appropriate updates have been made (if required).</p> <p><u>There shall be no work in the catchments specified above prior to baseline monitoring being completed in that catchment.</u></p>
	<p>Erosion and Sediment Control Monitoring – During construction</p>
G.41	<p>During construction, the Consent Holder shall carry out monitoring in accordance with the ESCMP. Monitoring and inspection records shall detail, but not be limited to:</p> <ul style="list-style-type: none"> (a) The location of the monitoring undertaken; (b) The time and date the monitoring was undertaken; (c) The weather conditions at the time of monitoring including the start and finish dates and the ARI of rainfall events monitored;

Reference	General Conditions – NZTA Resource Consents
	<p>(d) The performance criteria measured</p> <p>(e) The erosion and sediment controls that required maintenance;</p> <p>(f) The maintenance actions which were completed; and</p> <p>(g) The time when the maintenance was completed; and</p> <p>(h) Areas of exceedence of trigger levels and non-compliances: and</p> <p>(i) Management actions taken in response to these exceedences.</p> <p>This information shall be made available to the Manager upon request.</p> <p>Any non-compliance identified by the ESCMP shall be recorded and reported to the Manager within 5 days with reasons for the non-compliance and the action taken to remedy the non-compliance (if any).</p>
G.42A	If a Heavy Rainfall Event is forecast, the consent holder shall undertake pre-event inspections and any maintenance and install any additional measures that are required (refer to ESCMP requirements in Condition G.41).
G.42B <u>Changed via s.127 granted on 01/11/17</u>	If a Stabilisation Trigger Event is forecast, the consent holder shall deploy erosion control measures and stabilise all non-stabilised areas (refer to ESCMP requirements in Condition G.41)- <u>or shall implement an alternative approach as agreed by the Manager.</u>
G.42	<p>Where discharge quality breaches trigger levels set out in the ESCMP:</p> <p>(a) a suitably qualified ecologist(s) shall be notified within 24 hours, and shall be engaged to inspect the relevant area and monitor the ecological values where and when appropriate, as per the EMMP; and</p> <p>(b) a sediment and erosion control expert shall, as soon as practicable, assess the erosion and sediment control devices to ensure they are working in accordance with the measures set out in the relevant ESCP or SSEMP, and shall make recommendations as to any required actions.</p> <p>Where actions are required, these shall be undertaken immediately, and shall be reported to the Manager as soon as practicable.</p>
G.43	<p>In the event of a failure of any erosion and sediment control device, where a discharge occurs to a perennial or intermittent freshwater body, wetland or estuarine/marine environment the consent holder shall (in addition to the requirements set out in Condition G.10):</p> <p>(a) ensure that the Manager is notified immediately;</p> <p>(b) engage a suitably qualified ecologist(s) who shall inspect the relevant area within 24 hours of the consent holder becoming aware of the discharge and monitor the ecological values where and when appropriate, as per the EMMP;</p> <p>(c) either repair or replace the device as soon as practicable;</p> <p>(d) review the reasons for the failure and, as soon as practicable following the failure, carry out a review of, and any appropriate repair works on, all other erosion and sediment control and devices; and</p> <p>(e) where the ecologist considers there has been an adverse effect that is more than minor and is not temporary, confirm an appropriate course of action in consultation with the Manager and subject to Conditions G.48 and G.49 shall implement the certified course of action.</p>
	Marine Conditions
G.44A	The monitoring required by Conditions G.44 to G.47 shall be undertaken in accordance with the updated document "Revised Draft Marine Ecology Quality Monitoring Methodology & Adaptive Management Plan" dated December 2011
G.44	<p>A marine benthic habitat monitoring programme shall be undertaken 6-monthly, with sample collection occurring in summer (1 December-1 March inclusive) and winter (1 June-1 September inclusive) as follows:</p> <p>(a) Two summer and two winter baseline surveys shall be undertaken immediately prior to the commencement of construction works in the Porirua Harbour watersheds, in order to provide</p>

Reference	General Conditions – NZTA Resource Consents
	<p>two summer and two winter baseline data sets to inform the EMMP;</p> <p>(b) Whilst construction is occurring within the Porirua Harbour watersheds; and</p> <p>(c) Two summer and two winter post-construction surveys shall be undertaken following completion of works in the Porirua Harbour watershed.</p>
G.45	<p>The marine benthic habitat monitoring programme required under Condition G.44. shall be undertaken in accordance with the details set out in the EMMP (as updated in December 2011) at the locations specified in Condition G.46. and include:</p> <p>(a) Analysis of the intertidal marine invertebrate community composition (at each sampling location collecting at least 15 sediment cores (13 cm diameter) to a depth of approximately 15 cm);</p> <p>(b) Analysis of the intertidal and subtidal sediment surface (top 2 cm) for sediment grain size;</p> <p>(c) Analysis of the intertidal and subtidal sediment surface (top 2 cm) for sediment quality (analysis of the concentration of copper, lead, zinc and polycyclic aromatic hydrocarbons, in both total sediment and <63µm fraction).</p>
G.46	<p>The marine benthic habitat monitoring shall be undertaken within sampling grids broadly established at the following locations as a minimum (as shown in the December 2011 update):</p> <p>(a) Seven intertidal locations within the Pauatahanui Inlet;</p> <p>(b) Seven subtidal locations within the Pauatahanui Inlet;</p> <p>(c) Three intertidal locations within the Onepoto Arm;</p> <p>(d) Three subtidal locations within the Onepoto Arm;</p> <p>Specific locations and experimental design shall be detailed in the EMMP, and the design of the monitoring programme will be based on the <i>Estuarine Environmental Assessment and Monitoring: A National Protocol</i> (Cawthron 2002).</p>
G.47	<p>The consent holder shall undertake additional marine habitat monitoring in the event of a 'trigger event' for marine ecology habitats. Trigger events may include discharges from erosion and sediment control devices that do not meet specific discharge quality criteria in the EMMP, ESCP or SSEMPs obvious failure of erosion and sediment control devices, accidental discharge of contaminants, the detection of sediment discharged to the marine environment that in the opinion of the Manager can be attributed to the Project.</p>
G.48	<p>The consent holder shall engage a suitably qualified ecologist to review the marine benthic habitat monitoring results (pursuant to Conditions G.44 to G.47). The results of the review of the marine benthic habitat monitoring results shall be provided to the Manager for certification, within 10 working days of obtaining the results.</p> <p>In the event that adverse effects on marine ecology within the Porirua Harbour are identified that can be attributed to the construction of the Project, the consent holder shall</p> <p>(a) develop and implement appropriate remedial measures in consultation with the Manager that are commensurate to the scale and nature of the effects generated, but allowing for measures already offered as part of the Project; and</p> <p>(b) review, and where necessary make changes to, the relevant ESCP and SSEMP(s) in consultation with, and to the satisfaction of, the Manager.</p> <p>As soon as practicable prior to the implementation of remedial measures, the consent holder shall submit plans to the Manager for certification that the remedial measures are appropriate and commensurate to the scale of effects.</p>
G.49	<p>If, in the opinion of a suitably qualified and experienced ecologist, it is not practicable to implement appropriate contingency plans and/or remedial measures for adverse ecological effects on the Porirua Harbour, the consent holder shall develop and implement an appropriate programme of mitigation that is commensurate with the scale of effects. This mitigation shall be developed by a suitably qualified and experienced ecologist in consultation with the Manager, Te Runanga o Toa Rangatira Inc, the Director General of Conservation (or their nominee), the Porirua City Council, and any other community interest group(s) that, in the opinion of the</p>

Reference	General Conditions – NZTA Resource Consents
	<p>Manager or consent holder, should also be consulted. The consent holder shall submit a report to the Manager for certification that sets out who has been consulted, the options that were considered, the option or options that have been chosen and the reasons why, and a programme for implementation.</p> <p>The mitigation measures shall be implemented as soon as practicable following the certification of the mitigation programme, to the satisfaction of the Manager.</p> <p>Options for appropriate mitigation could include treatments such as:</p> <ul style="list-style-type: none"> (a) Revegetation of stream margins in catchments; (b) Restoration of harbour margins to a more natural state, such as declamation; (c) Saltmarsh restoration; (d) Treatment of other discharges to the harbour that may cause adverse effects on marine ecological areas such as road runoff; (e) Seagrass restoration; (f) Selective dredging (noting that additional resource consents would be required).
	<p>Freshwater Conditions</p>
G.50	<p>A freshwater benthic habitat and fish monitoring programme shall be undertaken 6-monthly, with sample collection occurring in summer (1 December-1 March inclusive) and winter (1 June-1 September inclusive) as follows:</p> <ul style="list-style-type: none"> (a) Two summer and two winter baseline surveys shall be undertaken prior to the commencement of construction works in a representative sample of streams along the alignment in locations to be agreed in consultation with the Manager, in order to provide two summer and two winter baseline data sets to inform the EMMP; (b) Whilst construction is occurring in locations to be specified in the SSEMPs; and (c) Two summer and two winter post-construction surveys shall be undertaken following completion of works in the same representative sample of streams along the alignment as for the pre-construction monitoring. <p>The results of the monitoring shall be provided to the Manager as soon as practicable for certification.</p>
G.51	<p>As part of the EMMP and within the year prior to the commencement of any construction works in the Te Puka Stream or the Horokiri Stream catchments, the consent holder shall undertake a pre-construction survey for all fish and fish habitat, to determine fish passage requirements for each tributary of the Te Puka Stream and the Upper Horokiri Stream that will be culverted. The survey shall be carried out by an appropriately qualified ecologist and shall use appropriate techniques to allow measurement of all fish species, density and population structure. The survey shall be undertaken at a time that, in the opinion of an experienced ecologist, will maximise chances of finding fish.</p> <p>The results of the survey along with recommendations for culverts that shall be designed to provide for fish passage, shall be provided to the Manager for certification.</p>
G.52	<p>As part of the EMMP, and recognising the unique nature of the diversions proposed in the upper Te Puka and upper Horokiri Streams, the consent holder shall engage a suitably qualified ecologist to work closely with, and provide specialist inputs into, the design of the upper Te Puka and upper Horokiri diversions, in order to accommodate habitat reconstruction and fish passage requirements as recommended by the survey required by Condition G.51 as far as practicable.</p>
G.53	<p>As part of the EMMP and for any part of the construction of the Project which has the potential to cause a barrier to fish passage or fish stranding, the consent holder shall engage a suitably qualified ecologist to:</p> <ul style="list-style-type: none"> (a) capture native fish within the affected reaches of the stream as far as practicable and relocate them upstream or downstream (as appropriate) of the proposed works prior to the commencement of the works; and (b) capture and relocate any fish found to be stranded after works have commenced and for

Reference	General Conditions – NZTA Resource Consents
	the full duration of works until that part of the Project that has caused the barrier is completed and the stream channel is reopened.
G.54 <i>Changed via s127; granted on 23/03/15</i>	<p>As part of the EMMP and within the year prior to the commencement of any construction works in the Te Puka Stream or Upper Horokiri Stream catchments, <u>unless an extended timeframe is agreed by the Manager</u>, the consent holder shall carry out a pre-construction fish passage trial. The trial shall be established in a steep tributary of the Te Puka Stream and at an appropriate location within the Upper Horokiri Stream as determined by a suitably qualified ecologist in consultation with a roading design engineer.</p> <p>The trial shall use, but not be limited to, spat rope / culvert system methods that are proposed to be used for the project. The results of the trial shall be used to inform the design parameters for the other culverts in steep tributaries along the alignment, and shall be provided to the Manager for information.</p>
+G.55	<p>The consent holder shall engage a suitably qualified ecologist to review the success of the fish passage methods used in the Te Puka Stream and Upper Horokiri Stream and the success of habitat re-creation. The review shall:</p> <ol style="list-style-type: none"> be carried out either within two years of the completion of construction of the upper Te Puka Stream reconstruction; or at a time that, in the opinion of a suitably qualified ecologist and agreed to by the Manager, is an appropriate amount of time to allow for fish to re-establish; whichever is sooner; take into account density, population structure and species richness of the fish and aquatic invertebrates; and include reference sites and sites well above the sites of effect to accurately measure upper (fish) populations.
G.56	<p>Having regard to the EMMP, if, in the opinion of a suitably qualified ecologist, the methods of habitat reconstruction or fish passage in the Te Puka Stream and Upper Horokiri Stream (as required under Condition G.55) are considered to have been unsuccessful, the consent holder shall:</p> <ol style="list-style-type: none"> engage a suitably qualified ecologist to develop appropriate and practicable remedial measures to enhance fish passage or habitat in consultation with the Manager and the Director General of Conservation (or their nominee); engage an independent peer reviewer to undertake a review of any remedial measures to enhance fish passage or habitat; provide the results of the review of the success of fish passage methods and of habitat re-creation to the Manager for certification, within 10 working days of obtaining the results, and an additional copy to the Kapiti Coast District Council, for information; and implement remedial measures to enhance fish passage or habitat as soon as practicable. <p>Any remedial measures shall be certified by the Manager prior to implementation.</p>
G.57	<p>If, in the opinion of a suitably qualified and experienced ecologist, it is not practicable to implement appropriate contingency plans and/or remedial measures to address unsuccessful fish passage or habitat reconstruction methods used in the Te Puka and Upper Horokiri Streams, the consent holder shall</p> <ol style="list-style-type: none"> engage a suitably qualified and experienced ecologist to develop and implement an appropriate programme of mitigation in consultation with the Manager and the Director General of Conservation (or their nominee); engage an independent peer reviewer to undertake a review of the proposed mitigation; submit a report to the Manager for certification, and a copy to the Kapiti Coast District Council for information, that sets out who has been consulted, the options that were considered, the option or options that have been chosen and the reasons why, and a programme for implementation. <p>The mitigation measures shall be implemented as soon as practicable following the certification of the mitigation programme, to the satisfaction of the Manager.</p>
G.58 <i>Added via s127;</i>	If the consent holder proposes to undertake enabling works prior to the fulfilment of all relevant management and monitoring plan requirements under Conditions G.1 to G.57 and E.1 to E.28, it must prepare, and submit to the Manager, an Enabling Works Management Plan (EWMP)

Reference	General Conditions – NZTA Resource Consents
<p>Granted on 11/09/2014</p>	<p>which:</p> <ul style="list-style-type: none"> (a) Provides details on the scope of the activities that are proposed to be undertaken in accordance with Condition G.60; and (b) Includes details as to the methods to be used to manage the environmental effects of these activities in accordance with Condition G.61. <p>"Enabling Works" refers to activities necessary to make the Project site ready for the construction of the Project and are restricted to the activities described in Condition G.60.</p> <p>If the consent holder prepares an EWMP, it shall be submitted to the Manager for certification in respect of the statutory functions of the Wellington Regional Council (as specified in Condition G.62). The EWMP shall be submitted to the Manager at least 20 working days prior to commencement of the enabling works provided for in the EWMP, for certification that it meets the requirements of Conditions G.58 to G.63.</p> <p>No enabling works undertaken in accordance with Conditions G.58 to G.63 shall commence until the EWMP is certified by the Manager.</p> <p>As required by Condition G.59, a draft EWMP is to be supplied to the Manager for comment.</p> <p>For the avoidance of doubt, in addition to those conditions referenced in Condition G.61 which must be addressed in the EWMP, enabling works must comply with the relevant requirements of all other Conditions. Where any of these other conditions refer to management or monitoring plans identified under Condition G.18, if the consent holder prepares an EWMP, the relevant references to and requirements of those management plans within those conditions shall also apply to the EWMP.</p> <p>The certified EWMP is to be displayed in a site office throughout the period of enabling works.</p> <p>Advice Note: One EWMP may be prepared to address relevant enabling works in terms of the conditions of NZTA's confirmed Notices of Requirement and NZTA's associated regional resource consent conditions (these conditions).</p>
<p>G.59 Added via s127; Granted on 11/09/2014</p>	<p>The consent holder shall, at least 20 working days prior to submitting the EWMP specified in Condition G.58 to the Manager for certification, submit a draft EWMP to the Manager for comment. Any comments received from the Manager shall be included within the EWMP when it is submitted for certification, along with a clear explanation of where any comments have, or have not, been incorporated and, if not, the reasons why.</p>
<p>G.60 Added via s127; Granted on 11/09/2014</p>	<p>Notwithstanding the management and monitoring plan requirements of Conditions G.1 to G.57 and E.1 to E.28, for the purpose of Conditions G.58 to G.63, enabling works are activities necessary to make the Project site ready for the construction of the Project, and are restricted to the following:</p> <ul style="list-style-type: none"> (a) Vegetation – harvest clearance of plantations, shelter belts and other introduced vegetation; clearance and salvage of indigenous vegetation; land retirement and fencing of indigenous vegetation to be protected; and planting of vegetation; (b) Site access – construction of temporary access tracks; upgrading of existing tracks; (c) Earthworks – preliminary earthworks associated with initial stream diversions, Stormwater diversions, water storage and sediment pond construction, trials, contaminated land removal or remediation, site compounds, access, set-up of borrow pits, formation of bridge piling platforms. (d) Streamworks – temporary stream crossings; temporary and permanent culverts; off-line diversions; fish rescue; fish passage; (e) Pre-condition and land surveys;

Reference	General Conditions – NZTA Resource Consents
	<p>(f) Site Compounds - development of site compounds, including provision of access, hard-standing, laydown areas;</p> <p>(g) Trials - fish passage trials; compaction trials;</p> <p>(h) Erosion and sediment control works associated with the above enabling works</p> <p>(i) Species rescue associated with the above enabling works</p> <p>For the avoidance of doubt, enabling works does not include bulk earthworks.</p>
<p>G.61 Added via s127; Granted on 11/09/2014</p>	<p>The EWMP shall include, but need not be limited to, the following matters:</p> <p>(a) An accidental discovery protocol in accordance with G.8;</p> <p>(b) The matters relevant to the enabling works that would otherwise be required to be included in the CEMP (Condition G.19);</p> <p>(c) The matters relevant to the enabling works that would otherwise be required to be included in the CLMP (Condition G.20);</p> <p>(d) The matters relevant to the enabling works that would otherwise be required to be included in the ESCP (Conditions E.7, E.11 and E.12). These provisions of the EWMP shall be prepared in consultation with the Wellington Regional Council in accordance with Conditions E.11, E.13 to E.15, and with independent advice from the Sediment Management Peer Review Panel in accordance with Condition E.6, as is required for the equivalent aspects of the ESCP;</p> <p>(e) For chemical treatments for sediment management purposes proposed in relation to enabling works, the relevant matters that would otherwise be required to be included in the CTP (Conditions E.24 and E.25);</p> <p>(f) The monitoring relating to the enabling works that would otherwise be required to be included in the ESCMP (Condition G.39), including the establishment of appropriate interim performance measures for the sites of the enabling works. These provisions of the EWMP shall be reviewed by the Sediment Management Peer Review Panel in accordance with Condition E.6;</p> <p>(fa) The marine benthic habitat monitoring relating to the enabling works that would otherwise be required to be included in the EMMP (Condition G.44(b));</p> <p>(fb) The freshwater benthic habitat and fish monitoring relating to the enabling works that would otherwise be required to be included in the EMMP (Condition G.50(b));</p> <p>(g) The relevant matters for each area or stage of enabling works that would otherwise be required to be included in the EMMP and SSEMP's (Conditions G.21 to G.26, G.31, G.34 to G.35, G.37, G.44A to G.47, and G.50 to G.54). These provisions of the EWMP shall be prepared in consultation with the relevant territorial authority, the Director-General of Conservation and Te Runanga o Toa Rangatira Inc; and</p> <p>(h) For any removal of plantation pine forestry proposed in relation the enabling works, the relevant matters that would otherwise be required to be included in the FHP (Condition E.27).</p>
<p>G.62 Added via s127; Granted on 11/09/2014</p>	<p>Enabling works provided for in the EWMP shall not commence until the consent holder has received written certification for the EWMP from the Manager.</p> <p>Enabling works shall not commence until the collection of the baseline monitoring data required by Conditions G.40 (for the relevant stream catchment), G44(a) and G.50(a) has been completed; the results of the baseline monitoring required by Condition G.50(a) have been certified by the Manager; the review of the results of the baseline monitoring required by Condition G.44(a) has been certified by the Manager (in accordance with Condition G.48); and appropriate interim performance measures for the sites of the enabling works have been established and included in the certified EWMP (refer to Condition G.61 (f)).</p> <p>The consent holder shall undertake enabling works and relevant monitoring and management in accordance with the certified EWMP.</p>

Reference	General Conditions – NZTA Resource Consents
	Where enabling works are specified in a certified EWMP, the details of these works do not need to be provided for in the relevant environmental management and monitoring plans specified in Conditions G.18, G.19, G.26 and E.27.
G.63 Added via s127; Granted on 11/09/2014	<p>(a) If the certified ESCP or ESCMP includes performance measures for the sites of the enabling works, that are more stringent than the interim performance measures included in the EWMP, the EWMP shall be amended in accordance with the requirements of Condition G.16.</p> <p>(b) For those stages or locations within the Project that require a Site Specific Environmental Management Plan (SSEMP) under Condition G.26, the EWMP shall no longer have any effect for those areas once the relevant SSEMP has been certified.</p>

RC 1 Land Use Consent – Earthworks

For approximately 6 million cubic metres of earthworks for the purpose of road construction over an area of approximately 170 hectares between Linden and MacKays Crossing including five fill sites, construction laydown areas and site compounds, and erosion and sediment control devices; and the associated removal of vegetation including plantation forestry.

RC 2 Discharge Permit

To authorise the discharge of sediment laden stormwater and chemically treated (which would include flocculant and similar products) sediment laden water to land that may enter water

RC 3 Discharge Permit

To authorise the discharge of sediment laden stormwater and chemically treated (which would include flocculant and similar products) sediment laden water to water

Reference	Earthworks Conditions – NZTA Resource Consents
	Earthworks area limit conditions
E.1	<p>Non-stabilised areas of earthworks authorised by this consent, whether of themselves or in combination with non-stabilised areas of earthworks authorised by the consent granted to the PCC [RC17] for earthworks within the Pauatahanui Inlet watershed, which expose more than 300 m² of surface area, shall be limited to not more than 17 ha at any one time, with additional limits on catchments as follows:</p> <ul style="list-style-type: none"> (a) Ration Catchment – 6ha at any one time; and (b) Horokiri Catchment – 11ha at any one time; and (c) Pauatahanui Catchment – 4ha at any one time; and (d) Duck Creek Catchment – 6ha at any one time; and <p>unless otherwise agreed in writing by the Manager.</p>
E.2	<p>Non-stabilised areas of earthworks within the Onepoto Arm watershed, which expose more than 300 m² of surface area, shall be limited to not more than 7 ha in total at any one time with an additional limit on the Kenepuru Catchment of 6 ha at any one time, unless otherwise agreed in writing by the Manager.</p>
	<p>Erosion and Sediment Control Peer Review Panel</p> <p>Advice Note: Given the combination of the recognised importance of the Pauatahanui Inlet receiving environment, the extent of the nature of the terrain within which erosion and sediment control measures will need to be installed, and the level of public concern in relation to the scale of earthworks required for the project it is considered appropriate to use a Peer Review Panel in this case.</p>
E.6	<p>Prior to the commencement of any works the Consent Holder shall appoint a Sediment Management Peer Review Panel, comprising three suitably qualified persons. The Peer Review Panel members shall be selected for their expertise in:</p> <ul style="list-style-type: none"> (a) both developing and implementing erosion and sediment control measures on major earthworks sites in New Zealand; (b) collection and assessment of performance monitoring data for sediment control devices and stream sediment monitoring; (c) sediment generation processes; and (d) hydrology. <p>The members shall not be a director, employee or agent of the Consent Holder, Director General of Conservation, or any one of the four Territorial Authorities (PCC, WCC, KCDC and UHCC). The Consent Holder shall invite the Manager of WRC and the Director General of Conservation</p>

Reference	Earthworks Conditions – NZTA Resource Consents
	<p>or their nominee(s) to each suggest an independent technical expert who could be selected as a member of the Panel.</p> <p>The Role of the Sediment Management Peer Review Panel shall be to provide independent advice on preferred erosion and sediment control methodologies and measures. This shall include but is not limited to the following matters:</p> <ul style="list-style-type: none"> (e) the preparation of the overarching ESCP having considered the results from any pre-construction monitoring; (f) make recommendations to the consent holder upon review of methodology for pre-construction monitoring in the ESCMP and the results from the pre-construction monitoring; (g) make recommendations to the consent holder about methods for stabilisation upon review of the stabilisation trials and result reports; (h) review and make recommendations on the draft of and any revisions to the ESCMP; (i) the adaptive management processes applied to all erosion and sediment management activities within the Porirua Harbour watershed; (j) review and make recommendations on key SSEMPs where particularly unique or unusual techniques are being used, for example in the Te Puka Stream; (k) review and make recommendations on any proposed applications for changes to trigger levels proposed for adaptive management of sediment discharge and for applications to amend non-stabilised area limits set out in conditions E.1 and E.2; (l) review of maintenance and monitoring methods proposed for non-stabilised areas that will be worked between 30 May and 1 September; and (m) any sediment related matter considered appropriate by either the consent holder or the Manager. <p>All findings of the Peer Review Panel shall be provided to the Manager for information.</p> <p>The Consent Holder shall fund the actual and reasonable costs of the operation of the Peer Review Panel.</p> <p>Unless otherwise agreed with the Manager, the Peer Review Panel shall operate from before the pre-construction monitoring to 6 months after the Project completion to ensure continuity.</p>
	<p>Erosion and Sediment Control objectives, standards and design criteria</p>
E.7	<p>For the preparation of the Erosion and Sediment Control Plans that will be implemented during construction of the Project, the consent holder shall achieve the following objectives:</p> <ul style="list-style-type: none"> (a) Minimise the overall non-stabilised earthworks footprint; (b) Minimise non-stabilised earthworks using Best Practicable Options (BPO's); (c) Progressively stabilise completed areas of earthworks as soon as practicable; (d) Divert clean run off away from non-stabilised earthworks areas; (e) Design and install a variety of perimeter controls for the management of flows of water and sediment and sediment retention using BPO; (f) Treat all sediment laden discharges from the site arising from the works using a Compliant Sediment Retention Device together with any other erosion and sediment control measures implemented in general accordance with the ESCP and any relevant SSEMP; (g) Notwithstanding the requirements in condition (f) above, other sediment retention devices may be used where it is impracticable to use a Compliant Sediment Retention Device, provided the Manager certifies each proposal and the total area from which sediment laden runoff emanates does not exceed 5% of the total project earthworks area. (h) Prepare for and manage environmental risks from Heavy Rainfall Events and Stabilisation Trigger Events (Conditions G.42A and 42B); and (i) Use adaptive management principles to review and refine the erosion and sediment control and treatment measures used. <p>The consent holder shall ensure that appropriate erosion and sediment control measures are installed prior to and during all construction works.</p>

Reference	Earthworks Conditions – NZTA Resource Consents
E.8	<p>Unless otherwise agreed with the Manager, the consent holder shall design, construct and maintain all sediment control devices to achieve the following design criteria:</p> <ul style="list-style-type: none"> (a) Be Compliant Sediment Retention Devices (refer to definitions); (b) All emergency spillways to accommodate at least a 100 year ARI storm event peak flow; and (c) Sediment retention device TSS efficiencies of at least 70% removal for all storm events with up to and including a 10 year ARI.
E.9	<p>The consent holder shall ensure that the following earthworks shall be stabilised as soon as practicable after completion thereof or within 10 working days of completion which ever shall occur first:</p> <ul style="list-style-type: none"> (a) Temporary erosion and sediment controls; (b) Haul roads; (c) 5m high cuts (or greatest height between bench cut height) over the length of the cut; (d) 5m high fills over the length of the fill; (e) 200m lengths of prepared subgrade over the formation width; (f) 5m high (maximum) cut and fill batters lifts around the perimeter of waste dumps, borrow, buttress fills, noise bunds and sediment bearing stockpiles; (g) Contractors site establishment and storage areas; and (h) Stabilisation of other areas that are not being worked unless agreed otherwise with the Manager.
E.10	<p>All cut and fill grades excluding batter slopes and haul roads shall be earthworked to maintain a slope that is no greater than the finished slope of the road in that location, (excluding the link roads) until the earthworks reach final grade, unless otherwise agreed with the Manager.</p>
	<p>Erosion and Sediment Control Plan</p>
E.11	<p>The consent holder shall, in consultation with the Wellington Regional Council, prepare an Erosion and Sediment Control Plan (ESCP). Consultation shall include (but not be limited to) provision for review of a draft ESCP.</p> <p>At least 20 working days prior to works commencing on the Project, the consent holder shall submit the ESCP to the Manager, for certification that:</p> <ol style="list-style-type: none"> 1. The ESCP includes performance measures, actions, and methods designed to achieve the objectives specified in Condition E.7 above; 2. Consultation has been undertaken with Council in the preparation of the ESCP; and 3. As a minimum, the ESCP meets the information requirements in, and gives effect to, the matters set out in Conditions E.7, E.8, E.9, E.10 and E.12.
E.12	<p>The ESCP is an overarching management plan that should include the ESC philosophy, procedures, responsibilities, general methodologies including stages of works and typical details. The ESCP shall be given effect to by the SSEMPs required by Condition G. 26.</p> <p>As a minimum, the ESCP shall demonstrate how they meet the requirements of Conditions E.7 and E.8, and the following requirements:</p> <ul style="list-style-type: none"> (a) Ensuring appropriate erosion and sediment control measures are installed prior to and during all construction works; (b) The identification of appropriately qualified and experienced staff to manage the environmental issues onsite; (c) The identification of staff who have clearly defined roles and responsibilities to monitor compliance with the Consent Conditions and ESCP; (d) Provision of details of a chain of responsibility for managing environmental issues and details of responsible personnel; (e) The establishment of a sediment control team (including representatives from the contractor, WRC and the Consent Holder) to meet and review erosion and sediment control measures on a weekly basis, or at intervals as otherwise agreed;

Reference	Earthworks Conditions – NZTA Resource Consents
	<p>(f) Approach and procedures for ensuring advance warning of a Heavy Rainfall Event and Stabilisation Trigger Event and the responses that are required in accordance with Condition E.7. The ESCP shall detail the procedures and have the resources (supplied, equipment and labour) necessary to deploy the required erosion control measures within the period between forecast and peak rainfall for the Stabilisation Trigger Event;</p> <p>(g) Methods and procedures to be undertaken for decommissioning of erosion and sediment control measures.</p> <p>(h) The ESCP shall consider soil erodibility related to soil types, slopes and sensitivity of receiving environments and use this in preparing erosion and sediment control measures including construction staging, open areas, topsoil/subsoil stripping and device selection;</p> <p>(i) Detail management actions that would be required if the monitoring required by the ESCMP identified exceedences of trigger levels and non-compliances;</p> <p>(j) Details of additional specific measures that have been designed to address seasonal weather variations, in particular where bulk earthworks will be undertaken at any time between 30 May and 1 September; and</p> <p>(k) Provision for increased maintenance, monitoring and review of non-stabilised areas between 30 May and 1 September, including a meeting with the Manager prior to commencement of any new works within that period, and seeking inputs from the sediment management Peer Review Panel prior to the meeting occurring.</p>
E.13	<p>At least 5 working days prior to submission of the ESCP for certification, the consent holder shall arrange a meeting with the Manager in order to present a final draft of the ESCP and to consult with the Manager in relation to:</p> <p>(a) Any recommendations made by the Peer Review Panel</p> <p>(b) How the ESCP relates to the staging plan for the whole Project submitted at the start of the Project (Condition NZTA.8).</p> <p>(c) How the draft ESCP will inform the process for demonstrating compliance with Conditions E.1 and E.2 within the SSEMPs, including the area (both in hectares, and in length and width dimensions) of Works.</p> <p>(d) How the draft ESCP will inform the process for demonstrating compliance with Condition E.12 including the detailed design of erosion and sediment control measures, including the amount of detail provided on the drawings to be submitted for certification.</p> <p>(e) How the Consent Holder has taken into account the Peer Review Panel's recommendations on the process for the development of the draft ESCP.</p> <p>(f) Any calculations and other engineering design tools that have been used to develop the detailed design of the erosion and sediment control measures</p>
E.14	<p>Where there is any disagreement between the consent holder and the Manager in relation to a final draft ESCP presented to the Manager under Condition E.13 above, the consent holder shall engage the Peer Review Panel to review the documents, meet with the Consent Holder's experts who prepared the draft ESCP to discuss any concerns, and make recommendations on the draft ESCP to the Manager.</p>
E.15	<p>In the final ESCP that is submitted for certification, the Consent Holder shall demonstrate how the views of the Manager, and where relevant the recommendations of the Peer Review Panel, that have been expressed through the consultation process under Conditions E.13 and E.14 have been taken into account in the preparation of the final ESCP.</p>
E.16	<p>Erosion and sediment control measures shall be constructed and maintained in accordance with the NZTA's <i>Draft Erosion and Sediment Control Standard for State Highway Infrastructure</i> and <i>Draft Field Guide for Contractors</i>–or the WRC <i>Erosion and Sediment Control Guidelines for the Wellington Region</i> whichever is more stringent (and any subsequent amendments to those documents that occur after this consent is granted and prior to the commencement of construction), except where a higher standard is detailed in the ESCP referred to in Condition E.12 above, in which case the higher standard shall apply.</p>
E.17	<p>Prior to any earthworks commencing in each stage of works, other than required for installation of erosion and sediment controls, a certificate signed by an suitably qualified erosion and sediment control specialist shall be submitted to the Manager to certify that the erosion and</p>

Reference	Earthworks Conditions – NZTA Resource Consents
	sediment control measures have been constructed for that stage of works in accordance with the certified ESCP required by in Condition E.12 of this consent and any relevant SSEMPs. Certified controls shall include the cleanwater diversions, diversion channels/bunds, silt fences, decanting earth bunds, flocculation management system and the sediment retention ponds. The certification(s) for the measure(s) shall be sought from the Manager immediately upon completion of construction of those measures.
E.18	A copy of the sediment control device “as-built(s)” and the certified ESCP and relevant SSEMP(s) shall be kept on site, and all erosion and sediment control measures (including staging boundaries and particularly the extent of exposed areas) shall be updated as soon as practicable as changes are made. As-built plans shall be prepared by a suitably qualified person and shall be accompanied by text detailing the relevant earthworks methodology, constraints and likely progressions, and shall (in general accordance with the SSEMP(s)) be revised as required to enable clear interpretation as to the day to day operation and management of erosion and sediment control measures.
E.19	All necessary perimeter controls shall be operational before earthworks (or relevant stage of earthworks) begin. The diversion channels shall have surface lining or protection to avoid surface erosion,
E.20	No sediment retention device, silt fence, chemical treatment systems or perimeter controls shall be removed or decommissioned before the area being treated by that device is stabilised, unless such removal and decommissioning is in accordance with the CEMP, ESCP or a SSEMP, and the Manager has agreed in writing.
E.21	All ‘cleanwater’ runoff from stabilised surfaces, including catchment areas above the site, shall be diverted away from earthwork areas via a stabilised system, so as to prevent surface erosion.
E.22	The consent holder shall carry out weekly inspections of all site haul roads in order to ensure they are well maintained and that erosion and sediment control devices remain effective.
	Progressive stabilisation Trials
E.23	<p>The consent holder shall undertake stabilisation field trials of the proposed permanent earthworks stabilisation methods in locations that are reasonably representative of the range of environments found along the alignment. A report shall be provided to the Manager summarising the findings and identifying the most effective methods for each area. The trial methodology shall be submitted to the Manager for certification 20 working days prior to commencing trials. The trials shall start within the first 12 months of the Project commencing, and may commence prior to construction commencing.</p> <p>The stabilisation trials shall include but not be limited to the following:</p> <ul style="list-style-type: none"> (a) A range of seasonal and soil conditions expected. (b) Temporary vegetative and long term surface stabilisation techniques. (c) Determining effectiveness of proposed water control and vegetation techniques for cut and fill slopes. <p>The proposed stabilisation trial shall be reviewed by the Sediment Management Peer Review Panel and the Manager.</p> <p>The results of the stabilisation trial shall be incorporated in the subsequent SSEMP’s.</p>
	Chemical Treatment Plan (CTP)
E.24	All Compliant Sediment Retention Devices shall be chemically treated in accordance with the CTP required under Condition E.25 of this consent.
E.25	<p>Prior to the commissioning of any chemical treatments for sediment management purposes, the Consent Holder shall provide the Manager with a Chemical Treatment Plan (CTP).</p> <p>At least 20 working days prior to any flocculation works commencing within the relevant SSEMP area, the CTP shall be submitted to the Manager, for certification that the CTP will assist with achieving appropriate sediment removal efficiencies (with reference to Condition E.8 and E.12).</p> <p>The CTP shall include, but need not be limited to:</p> <ul style="list-style-type: none"> (a) Specific design details of the chemical treatment system; (b) Monitoring, maintenance (including post-storm) and contingency programme (including a

Reference	Earthworks Conditions – NZTA Resource Consents
	<p>Record Sheet);</p> <p>(c) Details of optimum dosage (including catchment specific soil analysis and assumptions);</p> <p>(d) A spill contingency plan;</p> <p>(e) A performance monitoring plan for device performance for sediment treatment including during Stabilisation Trigger Events; and</p> <p>(f) Details of the person or bodies that will hold responsibility for long-term maintenance of the chemical treatment system and the organisational structure which will support the system.</p>
E.26	<p>Prior to the submission of the Chemical Treatment Plan (as required by Condition E.25), the consent holder shall carry out a series of bench tests for flocculation and settlement in order to ascertain the optimum chemical dose rate for the range of soils encountered on the site, to the satisfaction of the Manager. The consent holder shall provide the results of the tests to the Manager prior to the submission of the Chemical Treatment Plan.</p>
	<p>Forestry Harvesting Plan (FHP)</p>
E.27	<p>Prior to the commencement of removal of any plantation pine forestry for the purpose of construction activities, including enabling works, the consent holder shall prepare a Forestry Harvesting Plan (FHP). At least 20 working days prior to the commencement of removal of any plantation forestry, the FHP shall be submitted to the Manager for certification.</p> <p>The FHP shall include:</p> <p>(a) timing and staging of logging activities;</p> <p>(b) details of the location of new access tracks, existing tracks to be upgraded, skid sites and hauler sites;</p> <p>(c) details of all stream crossing points;</p> <p>(d) a description of the methods of extraction of logs and direction of hauling;</p> <p>(e) detailed design of erosion and sediment control methods that are consistent with the objectives set out in Condition E.7;</p> <p>(f) the location of the initial processing site;</p> <p>(g) Stabilisation of any areas as soon as practicable following the removal of trees; and</p> <p>(h) Details of steps proposed to minimise sediment discharge to waterways.</p> <p>No removal of plantation forestry and / or associated works (including establishing haul roads and skid sites) shall occur until the FHP is certified by the Manager.</p>
	<p>Fill standards</p>
E.28	<p>All fill material used on site shall be either:</p> <p>(a) Be restricted to natural material, such as clay, soil and rock and other inert materials as detailed in the definition of cleanfill material in section 2.2 of the Ministry for the Environment publication 'A guide to the Management of Cleanfills, 2002'; and</p> <p>(b) Be restricted to those materials listed as acceptable in table 4.1 of the Ministry for the Environment publication 'A guide to the Management of Cleanfills, 2002'.</p> <p>Or</p> <p>(c) <u>As provided for in the Contaminated Land Management Plan (in accordance with condition G20).</u></p>

Changed via s127; granted on 4/10/2013

RC4 Land use consents and water permits for Wainui Stream

RC5 Land use consents and water permits for Te Puka Stream

RC6 Land use consents and water permits for Horokiri Stream

RC7 Land use consents and water permits for Ration Stream

RC8 Land use consents and water permits for Collins Stream

RC9 Land use consents and water permits for Pauatahanui Stream

RC10 Land use consents and water permits for Duck Creek (with the exception of the arches consented under RC 10A) [Changed via s127; granted on 25/07/2014]

RC11 Land use consents and water permits for Kenepuru Stream (with the exception of the arches consented under RC 11A) [Changed via s127; granted on 25/07/2014]

RC12 Land use consents and water permits for Porirua Stream (with the exception of the arches consented under RC 12A) [Changed via s127; granted on 25/07/2014]

For each Stream the following consents and permits are granted: [Changed via s127; granted on 25/07/2014]

- Land Use Consent and Water Permit – to permanently realign (divert and reclaim) the beds of streams, being pipe culverts (~~refer to Schedule A~~), bridges (~~refer to Schedule B~~) and associated erosion protection control structures and stormwater outlet structures; and
- Land use consent to undertake permanent works in the beds of streams and associated tributaries, including the construction, use and maintenance of culverts and fords; the construction and maintenance of gabion baskets and rock rip-rap erosion protection structures; and associated channel realignment and disturbance of the beds of those streams.
- Water permit to divert water as part of the reclamation of the bed of a stream and associated tributaries (Note: does not apply to Collins Stream).

Greater Wellington Regional Council Decision July 2014 – Specific Land use Consents and Water Permits Issued

RC10A Land use consent for tributaries of Duck Creek

The following consent is granted:

- **Land use consent to install two arches (being 88m and 110m in length) over the beds of two tributaries of Duck Creek, Porirua**

RC11A Land use consent and water permit for an ephemeral stream in the Kenepuru Stream catchment

The following consents are granted:

- Land use consent to undertake activities in the bed of an ephemeral tributary of the Kenepuru Stream, including the installation of a permanent culvert and erosion protection structures (gabions and rock rip-rap), reclamation of the stream bed, the disturbance of bed material, and the deposition of material onto the bed of the stream during construction.
- Water permit to temporarily divert the full flow of an ephemeral tributary of the Kenepuru Stream during construction, and to permanently divert the full flow of that ephemeral stream through a new permanent culvert.

RC12A Land use consent and water permit for a tributary of the Porirua Stream

The following consents and permits are granted:

- Land use consent to undertake activities in the bed of a tributary of the Porirua Stream, including the installation of a permanent culvert and erosion protection structures (gabions and rock rip-rap), reclamation of the stream bed, the disturbance of bed material, and the deposition of material onto the bed of the stream during construction
- Water permit to temporarily divert the full flow of a tributary of the Porirua Stream during construction, and to permanently divert the full flow of that tributary through a new permanent culvert.

Reference	Stream Works Conditions – NZTA Resource Consents
WS.1	The consent holder shall use natural rock and soil material, where practicable, to reclaim the stream bed, and where practicable, use material from the old dry channel for subsequent new channels. All fill material shall be placed and compacted so as to minimise any erosion and/or instability so far as is practicable.
WS.2	The consent holder shall ensure that all works authorised by this permit to be undertaken in the dry bed of a stream, are completed before the flow of the stream is diverted back into the stream bed.
WS.3	The consent holder shall, design, construct and maintain all diversions in a manner that maintains stream flows (both volume and velocity) in a similar state to its natural state at the time of commencement of Work.
WS.4 <i>Changed via s127; granted on 25/07/2014</i>	For culverts <u>between Chainage (approximately) 24200m and 25500m</u> K2-K9 within the Kenepuru stream catchment, as identified on the Drainage Layout Plans DR-19 <u>DR-2020</u> , the consent holder shall design the road culverts so as to limit the culvert peak capacity to pre-construction peak flows for all storms with an Annual Recurrence Interval (ARI) greater than 10 years and not more than 100 years (as assessed at the time of commencement of construction). Note: applies to RC11 <u>and RC11A</u> only
WS.5 <i>Changed via s127; granted on 25/07/2014</i>	For culverts <u>between Chainage (approximately) 25600m and 26700m</u> PO2-PO6 within the Porirua stream catchment, as identified on the Drainage Layout Plans <u>DR-2020 and DR-2021</u> , the consent holder shall design the road culverts so as to limit the culvert peak capacity to pre-construction peak flows for all storms with an Annual Recurrence Interval (ARI) greater than 10 years and not more than 100 years (as assessed at the time of commencement of construction). Note: applies to RC12 <u>and RC12A</u> only
WS.6 <i>Changed via s127; granted on 25/07/2014</i>	If Bridge No. 29 as identified on Drainage Layout Plan DR 14 has not been constructed at the time that this resource consent is given effect to, the consent holder shall design either <u>the culvert D7 at Chainage (approximately) 20350m, or the culvert between Chainage (approximately) 20700m and 21000m, as identified on the Drainage Layout Plan DR-2017,</u> or D8 and D9 , so as to limit the culvert peak capacity to pre-construction peak flows for all storms with an Annual Recurrence Interval (ARI) greater than 10 years and not more than 100 years (as assessed at the time of commencement of construction).

Reference	Stream Works Conditions – NZTA Resource Consents
WS.7	<p>The works shall remain the responsibility of the consent holder and shall be regularly inspected and maintained by the consent holder so that:</p> <ul style="list-style-type: none"> (a) the waterway within the culverts remains substantively clear of debris; (b) any erosion of the stream banks or bed that is attributable to the stream works authorised by this consent are remedied as soon as practicable by the consent holder; and (c) fish passage to and through the culverts is not impeded. <p>Note: Maintenance does not include any works outside of the scope of this consent. Any additional works (including structures, reshaping or disturbance to the stream bed) following completion of the construction works as proposed in the application, may require further resource consents.</p>
WS.8	<p>Within 20 working days of the completion of each permanent stream diversion, the Consent Holder shall provide evidence in writing to the Manager that an appropriately qualified engineer and an appropriately qualified ecologist have inspected the completed diversion works, and are satisfied that they have been constructed according to the SSEMP stream diversion plan(s) that were certified by the Manager.</p>
WS.9	<p>In re-aligning the Te Puka upper system (the main diversion) the consent holder shall use a caging system or similar method that achieves the purpose of holding the proposed gravels and cobbles forming the hyporheic zone in place.</p> <p>(Hyporheic zone means the region beneath and alongside a stream bed, where there is mixing of shallow groundwater and surface water, which provides habitat to specific invertebrate fauna and an important refuge for benthic fauna when the surface waters dry.)</p> <p>Note: this condition applies to RC 5 only</p>

RC13 Land Use Consent – To undertake works in, on, over or under the beds of Duck Creek for the purpose of removing existing perched culverts in eight locations, and replacing them with culverts that allow fish passage

Reference	Duck Creek Conditions – NZTA Resource Consents
Duck.1	<p>The consent holder shall prepare and submit detailed design plans and construction methodology, including proposed duration and timing for the removal and replacement of existing culverts authorised by this consent, to the Manager for certification at least 20 working days prior to replacement of the culverts commencing.</p> <p>The detailed design plans and construction methodology shall include the following matters for certification:</p> <ul style="list-style-type: none"> (a) measures/methods to maintain fish passage on completion of construction of the replacement culverts; (b) details of culvert inlet/outlet protection structures e.g. pre-cast wing walls or rock rip-rap; (c) appropriate sizing of culverts and allowances for secondary flow paths during high flows; (d) detail on the construction methodology; and (e) description and plans showing final gradient and length of replacement culverts.

RC14 Land Use Consent for use, placement and erection of structures (~~refer to Schedule C: Temporary Culverts~~) *[Changed via s127; granted on 25/07/2014]*

– To undertake works in, on, over or under the beds of streams and associated tributaries including the construction, use and maintenance of bridges, culverts and fords, and water permit for any associated temporary diversion and disturbance of the beds of those streams.

Explanatory note: this is a global consent for construction works in streams along the entire route.

Reference	Temporary Culvert Conditions – NZTA Resource Consents
S.1	<p>All temporary culverts shall be designed to meet the following criteria unless otherwise agreed with the Manager:</p> <ul style="list-style-type: none"> (a) to pass a 2-year Annual Recurrence Interval (ARI) flood event without heading up (as assessed at the time of commencement of construction) (b) culverts to be installed 300mm below stream bed level in order to provide a continuous wetted perimeter to facilitate the passage of native fish species; (c) minimum size of any temporary culvert shall be not less than 600mm in diameter; and (d) maximum cover over any temporary culvert shall not exceed 500mm.
S.2	<p>All temporary stream crossings shall be removed within five years of their installation unless otherwise agreed in writing with the Manager.</p>
S.3	<p>Unless otherwise agreed in writing with the Manager, upon removal of any temporary crossing, the consent holder shall reinstate the stream bed and margins to, as far as practicable, a natural state to closely match the upstream and downstream riparian and instream habitats and visual appearance.</p>

Reference	Temporary Culvert Conditions – NZTA Resource Consents
S.4	<p>The temporary structures erected as part of the work, and any associated maintenance, shall remain the responsibility of the consent holder. The structures shall be regularly inspected by a suitably qualified ecologist appointed by the consent holder to confirm that:</p> <ul style="list-style-type: none"> (a) the waterway within or over the culverts and fords remains substantively clear of debris; (b) any erosion of the stream banks or bed that is attributable to the stream works authorised by this consent are remedied as soon as practicable by the consent holder; and (c) fish passage through the culverts is not impeded <p>The consent holder shall ensure that if the inspections by the ecologist identify any maintenance requirements, that these are undertaken as soon as practicable to the satisfaction of the Manager.</p>

Advice Note: RC15 and RC16 are permits to which the “G” conditions do not apply – the relevant “G” conditions have been duplicated on this consent where they are relevant

RC 15 Discharge Permit for Concrete Batching Plant: Discharge contaminants to air after bag filtration resulting from the mixing of cement powder with other materials to manufacture concrete or concrete products; and

RC16 Discharge Permit for Concrete Batching Plant: Discharge contaminants to stormwater from an industrial or trade process.

Reference	Concrete Batching Conditions – NZTA Resource Consents
	Administration
CBP.1	The location, design and operation of the concrete batching plant shall be in general accordance with Figure 8.1, Page 177 of the Assessment of Environmental Effects dated August 2011.
	Expiry
CBP.2	This consent relating to the discharge of contaminants to air from a concrete batching plant shall expire 15 years from the date of its commencement unless it has lapsed, been surrendered or been cancelled at an earlier date.
	Review condition
CBP.3	<p>The conditions of this consent may be reviewed by the Manager pursuant to section 128 of the RMA, by the giving of notice pursuant to section 129 of the Act, within two months of commencement of operation of the concrete batching plant, and annually thereafter in order:</p> <ul style="list-style-type: none"> (a) To deal with any significant adverse effect on the environment arising from the exercise of the consent which was not foreseen at the time the application was considered and which is appropriate to deal with at the time of the review. (b) To consider the adequacy of conditions which prevent nuisance beyond the boundary of the site, particularly if regular or frequent complaints have been received and validated by an enforcement officer. (c) To consider developments in control technology and management practices that would enable practical reductions in the discharge of contaminants to air. (d) Alter the monitoring requirements, including requiring further monitoring, or increasing or reducing the frequency of monitoring.
	Complaints
CBP.4	<p>During construction Work, the consent holder shall maintain a permanent record of any complaints received alleging adverse effects from, or related to, the exercise of this consent. The record shall include:</p> <ul style="list-style-type: none"> (a) the name and address (as far as practicable) of the complainant; (b) identification of the nature of the complaint; (c) location, date and time of the complaint and of the alleged event; (d) weather conditions at the time of the complaint (as far as practicable), and including wind direction and approximate wind speed if the complaint relates to air quality. (e) the outcome of the consent holders investigation into the complaint; (f) measures taken to respond to the complaint; and (g) Any other activities in the area, unrelated to the project that may have contributed to the

Reference	Concrete Batching Conditions – NZTA Resource Consents
	<p>complaint, such as non-project construction, fires, traffic accidents or unusually dusty conditions generally.</p> <p>The consent holder shall also keep a record of any remedial actions undertaken.</p> <p>This record shall be maintained on site and shall be made available to the Manager, upon request. The consent holder shall notify the Manager of any such complaints as soon as practicable after the complaint is received by the consent holder, or any representatives. This notification shall be either by telephone or email, or via an alternative electronic method as agreed with the Manager.</p>
	<p>Incidents</p>
CBP.5	<p>1. The consent holder shall notify the Manager as soon as practicable if any contaminants (including sediment) or material are released in the undertaking of the Work and enters any watercourse due to any of the following:</p> <ul style="list-style-type: none"> (a) discharges from non-stabilised areas that are not treated by erosion and sediment control measures required under this consent; and/or (b) failure of any erosion and sediment control measures; and/or (c) any other incident which either directly or indirectly causes, or is likely to cause, adverse ecological effects in any watercourse that is not authorised by a resource consent held by the consent holder. <p>2. If any of these events occur, the consent holder shall notify the Manager of any such incidents as soon as practicable after the incident being identified, and shall:</p> <ul style="list-style-type: none"> (a) re-establish control measures as soon as practicable where these have failed or have not been implemented in accordance with the requirements in Condition CBP.7; (b) liaise with the Manager to establish what remediation or rehabilitation is required and whether such remediation or rehabilitation is practical to implement; (c) carry out any remedial action as required by and to the satisfaction of the Manager; and (d) maintain a permanent record of the incident at the site, which shall include the date and time of the incident, the nature, manner and cause of the release of the contaminants, weather conditions at the time of the incident and the steps taken to contain any further release and to remedy any adverse ecological effects on the watercourse. <p>This notification shall be either by telephone or email, or via an alternative electronic method as agreed with the Manager.</p>
CBP.6	<p>All works shall be carried out in accordance with the Construction Environment Management Plan and the Erosion and Sediment Control Plan required by these conditions.</p>
CBP.7	<p>At least 20 working days prior to the commencement of operation of the batching plant, the consent holder shall provide the following information to the Manager for certification that as a minimum, the documentation meets the information requirements of, and gives effect to, the matters set out in this condition (Condition CBP.7).</p> <p><i>1. General</i></p> <ul style="list-style-type: none"> (a) The final site layout including buildings and storage yard(s) and other storage facilities; (b) An operation and maintenance manual detailing regular monitoring to be undertaken, including visual checks and maintenance of all plant machinery and equipment to mitigate against accidental discharges; (c) A contingency plan for discharges to the environment from the plant; (d) Complaints investigation, monitoring and reporting; (e) The identification of staff and contractors' responsibilities. <p><i>2. Air Quality Management Measures</i></p> <ul style="list-style-type: none"> (a) Procedures for responding to process malfunctions and accidental dust discharges; (b) Procedures to ensure that sand and aggregate (and other potentially dusty materials) are handled and stored so as to minimise dust emissions; (c) Mitigation measures to be implemented during the operation of the plant, including the installation of a water sprinkler system to minimise dust emissions;

Reference	Concrete Batching Conditions – NZTA Resource Consents
	<p>(d) Criteria, including consideration of weather conditions and procedures for use of water sprays on stockpiles and operational areas of the site;</p> <p>(e) Daily visual monitoring of dust emissions.</p> <p>3. Stormwater Quality Management Measures</p> <p>(a) Methods to separate clean stormwater and divert it away from dirty areas of the site;</p> <p>(b) Methods to capture all runoff from the concrete batching plant, concrete truck access, delivery and loading area;</p> <p>(c) Collection and storage of rubbish in appropriate receptacles to avoid contamination with rainwater;</p> <p>(d) Methods for collection and re-use of water onsite; and</p> <p>(e) Layout plans showing the concrete batching plant, associated infrastructure, and earth bund (which will fully enclose the site).</p>
CBP.8	Operation of the plant shall not commence until the detailed design plans and methodology required by Condition CBP.7 of this permit have been certified by the Manager.
CBP.9	The consent holder shall review the detailed design plans and methodology within two months of the date of commencement of operation of the concrete batching plant and on each anniversary of commencement of operation (or more frequently). The review shall cover monitoring results, trends in monitoring results, stormwater management systems, air discharge system and recommended improvements. The review shall be undertaken by a suitably qualified and experienced person and shall be provided to the Manager for certification. As part of this review, the certified detailed design plans and methodology shall be updated in accordance with the Best Practicable Option where necessary, and submitted to the Manager for certification. No changes shall occur prior to the Manager certifying the changes.
	Limit conditions
CBP.10	The Consent Holder shall at all times operate, maintain, supervise, monitor and control all processes on site so that air emissions and discharges authorised by this consent are maintained at the minimum practicable level.
CBP.11	There shall be no discharges to air resulting from the exercise of this permit which are, in the opinion of an enforcement officer, noxious, dangerous, offensive, or objectionable at or beyond a 20 metre wide buffer zone around the physical boundary of the plant.
CBP.12	Beyond the boundary of the site there shall be no hazardous air pollutants caused by discharges from the site, which are present at a concentration that causes, or is likely to cause adverse effects to human health, the environment or property.
	Operation and process conditions
CBP.13	As far as practicable, all process water shall be captured and reused on site.
CBP.14	If a significant discharge of dust into air occurs from any part of either a cement silo or associated equipment during the delivery of cement into that silo, all deliveries into that silo shall cease immediately and shall not be resumed until the dust source has been located and remedied.
CBP.15	Each silo on site shall be fitted with a pulse-jet type bagfilter unit that shall be adequately maintained and be operating whenever bulk cement is being transferred into that silo and that air displaced from cement silos during silo filling shall be vented to atmosphere via the bagfilter unit fitted to that silo.
CBP.16	Each silo on site shall be fitted with a high level fill alarm that shall be adequately maintained and be operating whenever bulk cement is being transferred into that silo, and that in the event of the alarm operating, filling into the silo shall cease immediately and shall not be resumed until the cause has been located and remedied.
CBP.17	Air extracted from the mixer drum during batching of concrete shall be vented to atmosphere via a pulse-jet type bagfilter unit that shall be operating whenever the batching of concrete is being undertaken.

Reference	Concrete Batching Conditions – NZTA Resource Consents
CBP.18	That all ducting and emission control equipment shall be maintained in good condition and as far as practicable be free from leaks to prevent fugitive emissions.
CBP.19	Aggregate shall be handled in such a way as to minimise dust emissions, including: <ul style="list-style-type: none"> (a) The minimisation of drop heights when unloading. (b) Minimising the height of any stockpiles of sand, aggregate or any other potentially dusty material contained in ground-level storage bays such that they shall not exceed the height of the side and rear walls of that bay. (c) Using water sprays on each ground-level storage bay used for sand, aggregate or any other potentially dusty material, when necessary for dust suppression.
CBP.20	The aggregate conveyors shall be enclosed at least on one side and above or fitted with close fitting covers and fitted with return scrapers to adequately minimise dust emissions.
	Monitoring and site management conditions
CBP.21	Regular maintenance of the concrete batching process, including weekly visual inspections of the equipment prior to use, shall be carried out by an appropriately trained operator. Records of maintenance and visual inspections shall be kept and made available to the Manager on request.
CBP.23	The consent holder shall undertake regular visual monitoring of dust emissions from each delivery of bulk cement to the site.
CBP.24	The consent holder shall require bulk tanker drivers to remain in the immediate vicinity of the tanker delivery controls throughout each delivery of bulk cement to the site, and to continuously monitor each such delivery for spills and/or discharges to air.
CBP.25	A continuous turbidity and pH meter shall be located at the discharge point from the Concrete Batching Plant dirty water treatment system. Discharges from the concrete batching plant shall meet a turbidity and pH discharge standard – initially set at: <ul style="list-style-type: none"> • Turbidity 50 NTU; and • pH between 6-9. Where the turbidity level is exceeded, or pH is greater than 9, the consent holder shall immediately cease the discharge and shall further treat the dirty water via chemical treatment and/or pH management to ensure discharges are within the authorised turbidity and pH discharge standard prior to recommencing discharges. Alternatively this stormwater shall be discharged to the reticulated sewer.
CBP.26	The stormwater treatment devices used on this site shall be designed in accordance with the standards set out in the NZTA's <i>Draft Erosion and Sediment Control Standard for State Highway Infrastructure</i> and <i>Draft Field Guide for Contractors</i> , or the WRC <i>Erosion and Sediment Control Guidelines for the Wellington Region</i> , whichever is more stringent (and any subsequent amendments to those documents that occur after this consent is granted and prior to the commencement of construction).
	Monitoring and reporting conditions
CBP.27	A log shall be maintained of the results of all daily, weekly and monthly inspections and visual assessments of all emissions control equipment and of any dust emissions from the site or processes.
CBP.28	All records, logs, monitoring and test results that are required by the conditions of this consent shall be made available on request, during operating hours, to an enforcement officer and shall be kept for a minimum period of 12 months from the date of each entry.
CBP.29	The consent holder shall notify the Manager as soon as practicable in the event of any significant discharge of contaminants into air, which may result in adverse effects on the environment.

Schedule of documents appended to conditions

Schedule	Document	Reference
A	Permanent Culverts	Applications RC4-RC12, RC20?? [Changed via s127; granted on 25/07/2014]
B	Bridges	Applications RC4-RC12, RC20?? [Changed via s127; granted on 25/07/2014]
C	Temporary Culverts	Application RC14 [Deleted via s127; granted on 25/07/2014]
D	Proposed Mitigation Sites and Treatments	NZTA.53, G.31
E	Changes to Transmission Line Support Structures	Application RC21-RC22
F	Tables L5 and L6 as updated from the Draft ESCMP	G.39 [Changed via s127; granted on 26/08/15]

Schedule A: Permanent Culverts [Changed via s127; granted on 25/07/2014]

Culvert ID	Location (m)	Length (m)	Diameter (mm) or box culvert dimensions (m)	Type of fish passage required
Wainui Stream catchment				
W1	1,525	155	1,050	Standard design
W2	1,630	109	1,050	Standard design
W3	2,100	96	Two 3m (W) x 2.5m (H) box culverts	Standard design
W4	2,250	95	900	Standard design
Te Puka Stream catchment				
T3	3,075	94	1,050	None
T4	3,300	69	600	New design
T5	3,475	56	1,050	None
T6	3,725	58	600	None
T7	3,900	72	900	None
T8	4,025	85	1,050	None
T9	4,300	85	1,050	None
T10	4,475	93	1,200	Standard design
T15	4,575	84	600	None
T11	4,775	80	600	None
T12	4,875	65	1,050	None
T13	5,025	58	1,050	None
T14	5,200	245	900	None
Horokiri Stream catchment				
H2	5,375	266	1,050	Standard design
H3	5,650	54	1,050	New design
H4	5,825	72	1,050	New design
H5	5,930	69	750	None
H6A	6,075	64	600	None
H6B	6,150	54	600	None
H7	6,275	84	1,350	Standard design
H8	6,400	73	600	None
H9	6,575	57	900	None
H10	6,625	58	600	None
H11	6,675	80	750	None
H12	6,850	64	900	None
H13	7,050	72	900	None
H14	7,250	93	600	None
H15	7,400	96	1,200	New design
H16	7,675	68	1,200	New design
H17	8,000	64	900	None
H18	8,150	44	1,050	New design
H19	8,375	54	900	New design
H21A	8,850	50	1,200	None
H22	9,000	45	900	None
H23	9,150	33	600	None
H24	9,325	64	3m (W) x 2.5m (H) box	Standard design

Culvert ID	Location (m)	Length (m)	Diameter (mm) or box culvert dimensions (m)	Type of fish passage required
			culvert	
H26	9,925	52	600	None
H27	10,175	74	600	None
H29	10,550	66	900	None
H30	10,750	74	600	None
H31	10,800	74	600	None
H32	11,125	73	600	None
H33	11,250	63	900	None
H34	12,025	41	600	None
H35	12,125	49	900	None
H36	12,200	96	900	None
H37	12,400	84	750	None
Ration Stream catchment				
R2	13,000	33	750	None
R3	13,100	89	1,050	Standard design
R4	13,250	50	600	None
R5	13,400	113	600	None
R6	13,450	86	600	None
R7	13,550	136	3,000	Standard design
R8	13,900	74	1,600	Standard design
R9	13,950	72	750	None
R10	14,775	125	2,100	Standard design
R10A	14,650	110	600	None
R11	15,075	133	1,200	None
R12	15,350	126	600	None
R13	15,600	109	1,200	Standard design
R14	15,800	153	900	None
Collins Stream catchment				
C1	16,125	88	750	None
Pauatahanui Stream catchment				
Pa1	16,625	107	1,200	None
Pa2	16,875	81	1,200	Standard design
Pa3	17,000	55	600	None
Pa4	17,175	63	600	None
Pa5	17,350	128	600	None
Pa6	17,475	40	1,050	Standard design
Pa6A	17,475	40	1,050	None
Pa8	18,225	52	1,200	None
Pa9	18,450	78	600	None
Duck Creek catchment				
D1	19,950	195	600	None
D2	20,100	141	600	None
D3	20,200	128	600	None
D4	20,375	113	600	None
D5	20,525	74	600	None
D6	20,600	154	600	None
D7	20,650	164	1,600	Standard design

Culvert ID	Location (m)	Length (m)	Diameter (mm) or box culvert dimensions (m)	Type of fish passage required
D8	21,000	119	1,050	New design
D9	21,225	167	1,200	New design
D10	21,425	109	1,050	None
D13	22,450	62	600	None
D14	22,700	76	1,350	Standard design
D16	23,050	49	600	None
D17	19,550	62	600	None
Duck Creek catchment (for the Porirua Link Roads)¹				
D19	Porirua Link Roads	45	600	None
D20	Porirua Link Roads	70	600	None
D21	Porirua Link Roads	46	600	None
D22	Porirua Link Roads	63	600	None
D23	Porirua Link Roads	91	900	None
D24	Porirua Link Roads	95	750	None
D25	Porirua Link Roads	48	600	None
D26	Porirua Link Roads	44	600	None
Duck Creek catchment (existing perched culverts to be replaced to provide fish passage)²				
DM1	N/A	10	Replace as existing	Standard design
DM2	N/A	10	Replace as existing	Standard design
DM3	N/A	10	Replace as existing	Standard design
DM4	N/A	10	Replace as existing	Standard design
DM5	N/A	10	Replace as existing	Standard design
DM6	N/A	15	Replace as existing	Standard design
DM7	N/A	15	Replace as existing	Standard design
DM8	N/A	12	Replace as existing	Standard design
Kenepuru Stream catchment				
K2	24,475	39	600	None
K3	24,625	82	600	None
K4	24,700	53	600	None
K5	24,850	72	900	None
K6	24,875	67	600	None
K7	25,100	83	975	None
K8	25,200	49	600	None
K9	25,325	54	1,200	New design
Porirua Stream catchment				
Pe2	26,200	73	600	None
Pe3	26,325	84	825	None
Pe4	26,425	115	900	None
Pe5	26,775	149	1,200	None
Pe6	27,000	140	975	None

¹ Relevant only to application RC20.

² Relevant only to application RC13.

Schedule B: Bridges *[Changed via s127; granted on 25/07/2014]*

Bridge	Location	Obstacle crossed	Bridge type	Special features	Spans	Length (m)	Width (m)
1	1,800m	Main Alignment over existing SH1	Hollow core deck underpass	Integral abutments	4	11.8m	110.4m
2	1,900m	Main Alignment over access road	Hollow core deck underpass	Integral abutments	4	13m	39.75m
3	2,730m	Main Alignment over Te Puka Stream	Steel 'I' girder bridge	Two separate bridge structures. One under northbound and southbound carriageways	N/B and S/B —2 spans.	N/B 75.6m S/B 59.6m	N/B 13.5m S/B 13.5m
4	8,540m	Main Alignment over Horokiri Stream	Hollow core bridge	Integral abutments	4	27.4m	21.85m
5	9,300m	Main Alignment over access road	Reinforced concrete underpass	-	4	6.9m	27.8m
6	9,720m	Main Alignment over Horokiri Stream	Super 'T' bridge	Integral abutments	4	31.6m	21.80m
7	10,500m	Main Alignment over access road	Reinforced concrete underpass	-	4	5.8m	28.20m
8	11,750m	Main Alignment over Horokiri Stream	Hollow core bridge	Integral abutments & piers	3	67.2m	21.85m
9	N/A	Access road over Horokiri Stream	Hollow core bridge	Integral abutments	4	26m	5.775m
10	12,600m	Main Alignment over access road	Reinforced concrete underpass	-	4	6.9m	34.81m
11	12,840m	Main Alignment over access road	Reinforced concrete underpass	-	4	6.9m	24.8m
12	13,965m	Main Alignment over access road	Reinforced concrete underpass	-	4	6.9m	32m
13	17,400m	Main Alignment over SH58 Interchange	Hollow core bridge	Integral abutments	4	22.2m	21.85m

Bridge	Location	Obstacle crossed	Bridge type	Special features	Spans	Length (m)	Width (m)
14	17,520m	Main Alignment over SH58 Interchange	Hollow core bridge	Integral abutments	4	22.2m	21.85m
15	17,690m	Main Alignment over Pauatahanui Stream	Super 'T' bridge	Integral abutments	3 single span decks	32m	2 @ 10.5m 1 @ 21.80m
16	19,500m	Main Alignment over James Cook Interchange	Super 'T' bridge	Integral abutments	4	27.6m	24.3m
17	21,555m	Main Alignment over Duck Creek	Steel 'I' girder bridge	Base isolated bridge deck	3	142m	21.8m
18	21,860m	Main Alignment over Duck Creek	Steel 'I' girder bridge	Base isolated bridge deck	4	147m	21.8m
19	22,780m	Main Alignment over Duck Creek	Steel 'I' girder bridge	Base isolated bridge deck	4	162m	21.8m
20	23,550m	Main Alignment over Cannons Creek Gully	Post tensioned concrete box bridge	Balanced cantilever bridge form.	3	263.4m x 2 no.	2 x 11m
21	25,795m	Main Alignment over stream and gully	Steel 'I' girder bridge	Two separate bridge structures. One under northbound and southbound carriageways	N/B—3 spans. S/B—2 spans	N/B 71.4m S/B 53.4m	N/B 13.5m S/B 11m
22	26,010m	Main Alignment over stream and gully	Steel 'I' girder bridge	Two separate bridge structures. One under northbound and southbound carriageways	N/B—3 spans. S/B—3 spans	99.9m N/B & S/B	13.5m N/B & S/B
23	26,660	Main Alignment over Kenepuru Interchange	Hollow core bridge	Integral abutments	4	16m	21.85m
24	26,720m	Main Alignment over Kenepuru Interchange	Hollow core bridge	Integral abutments	4	16m	21.85m
25	27,015m	Main Alignment over existing SH1	Steel box girder bridge	Base isolated bridge deck	3	129m	varies 11m—16.6m
26	27,510m	Main Alignment over Collins Ave	Hollow core deck underpass	Integral abutments	4	18.6m	36.25m
27	N/A	Existing SH1 over the Kenepuru Link Road	Pre-stressed beam and	Day lighting of bridge	4	16.7m	123m

Bridge	Location	Obstacle crossed	Bridge type	Special features	Spans	Length (m)	Width (m)
			slab on pre-cast concrete walls	deck at portals			
28	N/A	Kenopuru Link Road over NIMT railway	Super 'T' bridge	Integral piers.	4	121.5m	13m
29 ³	N/A	Waitangirua Link Road over Duck Creek	Box culvert	-	1	5m	55.7m

³ Relevant only to application RC20.

Schedule C: Temporary Culverts *[Deleted via s127; granted on 25/07/2014]*

Temporary culvert ID	Diameter (mm)	Fish passage required?
TC1	3060	Yes
TC2	600	No
TC3	600	No
TC4	750	Alternative design
TC5	600	No
TC6	2550	Yes
TC7	2550	Yes
TC8	750	No
TC9	2300	Yes
TC10	1500	Yes
TC11	1950	Yes
TC12	900	No
TC13	900	Yes
TC14	1500	Yes
TC15	1650	Yes
TC16	1200	Yes
TC17	1950	Yes
TC18	1050	No
TC19	2300	Yes
TC20	600	No
TC21	2300	Yes
TC22	2300	Yes
TC23	2300	Yes
TC24	2300	Yes
TC25	2300	Yes
TC26	600	No
TC27	600	No
TC28	2550	Yes
TC29	3060	Yes
TC30	600	No
TC31	1950	Yes
TC32	3060	Yes

Temporary culvert ID	Diameter (mm)	Fish passage required?
TC33	600	No
TC34	600	No
TC35	3000*2800	Yes
TC36	1200	Yes
TC37	750	Yes
TC38	600	Yes
TC39	1500	Yes
TC40	1500	Yes
TC41	1800	Yes
TC42	600	No
TC43	600	No
TC44	1050	Yes
TC45	600	No
TC46	600	No
TC47	600	No
TC48	900	No
TC49	750	No
TC50	3060	Yes
TC51	600	No
TC52	600	No
TC53	600	No
TC54	600	No
TC55	600	No
TC56	600	No
TC57	750	Yes
TC58	1350	Yes
TC59	600	No
TC60	600	No
TC61	750	No

Schedule D: Proposed Mitigation Sites and Treatments

Treatment	Description of management tasks
Protection	<ul style="list-style-type: none"> • Natural regeneration has progressed to the point that additional planting is not required; or • The site has significant issues that would make active revegetation problematic and natural regeneration will be encouraged through changed land management. • The activities associated with this treatment are fencing, stock removal, weed management, and browser control.
Enrichment	<ul style="list-style-type: none"> • Where pioneer species have already formed open shrublands that will provide a nursery. • Planting will be of future canopy species (e.g. Rewarewa, Titoki, kowhai, Kohekohe, Nikau, Pigeonwood, Tawa, and Podocarps).
Revegetation	<ul style="list-style-type: none"> • Standard mass planting in pasture, using native pioneer species, for example: <ul style="list-style-type: none"> ○ Tauhinu ○ Cottonwood ○ Coprosma ○ Hebe ○ Kanuka ○ Tarata ○ Ngaio • followed by enrichment with future canopy species.
Riparian revegetation	<ul style="list-style-type: none"> • As for revegetation (above) but using rapid growing and strongly rooted species suited to riparian environments, for example: <ul style="list-style-type: none"> ○ Toetoe ○ Flax ○ Kowhai ○ Cabbage tree ○ Tutu ○ Kohuhu ○ Wineberry • with some future canopy species interspersed, for example: <ul style="list-style-type: none"> ○ Kahikatea ○ Pukatea ○ Swamp maire.
Kanuka planting	<p>Mass planting of Kanuka in areas where this would be the normal successional pattern. Enrichment planting also tailored to this successional pattern.</p>

Description of required maintenance, success monitoring and actions

Initial Planting Contract which will cover:

- Initial fencing
- Plant sourcing and supply (including eco-sourcing)
- Initial browser control (rabbit, hare, possum, goat)
- Initial weed control if required (assessed site by site)
- The planting treatment including; spacing and density, distribution of species, application of fertilisers, use of matting or mulching, etc.

Three year defects / maintenance period from date of commencement of planting in each area which will cover:

- Timing of inspections (typically once every 3 months for year 1, then every 6 months of the maintenance period)
- Associated reporting and recommendations for remedial actions as required
- Fence maintenance
- Ongoing pest and weed control, as required.
- Plant maintenance including replacement, as required.

Review at the end of the Defects / Maintenance Period

At the completion of the three year maintenance period a full review of the success of the revegetation will be carried out to confirm it has met the mitigation requirements. It will include:

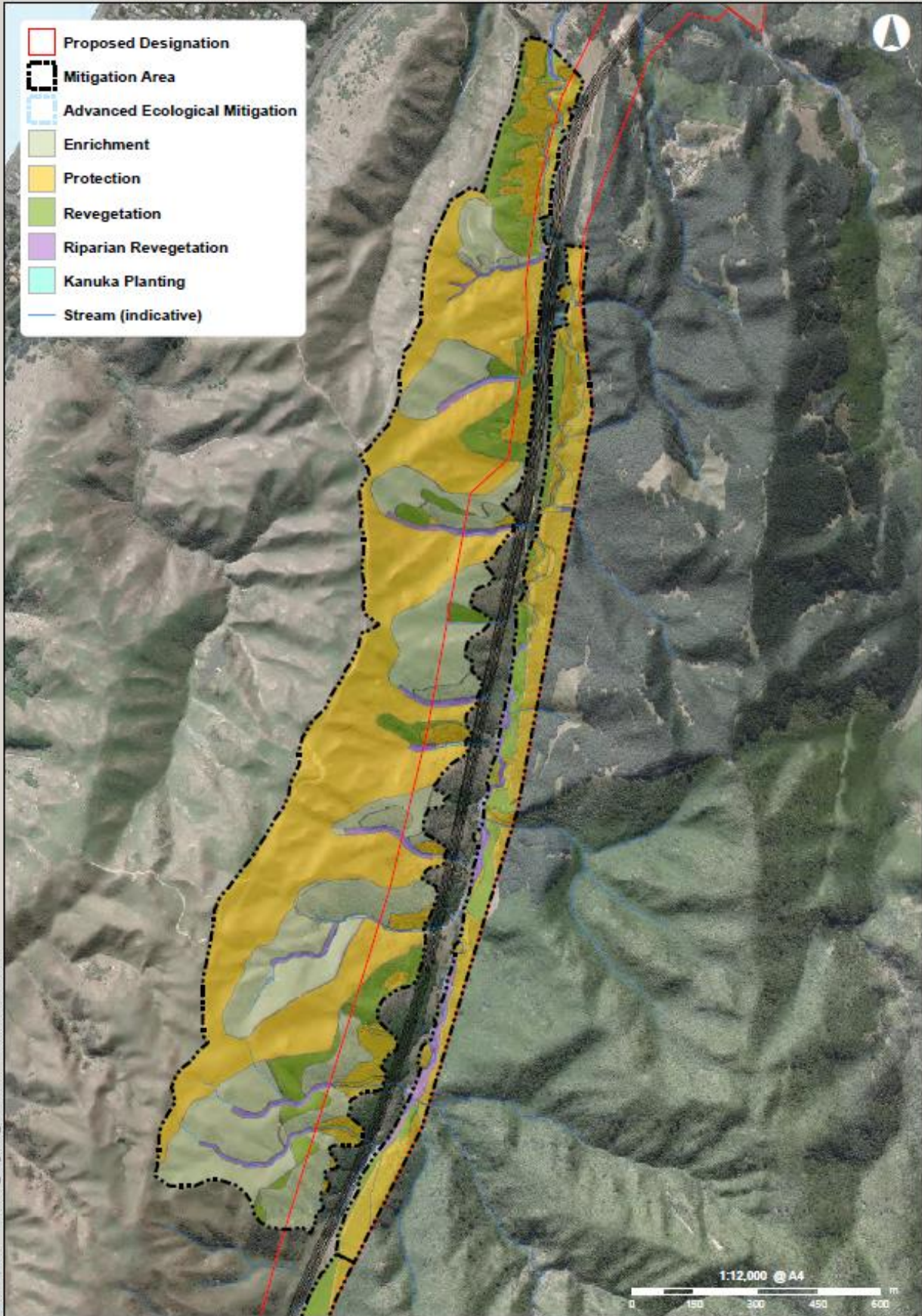
- Counting and measuring the progress of the restoration
- Success of weed clearance and weed maintenance
- The success of the animal pest management
- Assessing the progress against desired outcome
- Reviewing management programme to realign with outcome (if needed)
- Reviewing outcome

Ten year review from date of commencement of planting in each area

A 10 year review will measure the progress (success) of the various strategies be reviewed:

- The survival and growth rate of the planted specimens
- The extent of indigenous seed dispersal and development
- The site coverage of indigenous canopy.
- The need for enrichment planting.

These factors will enable managers to determine the success of the “natural re-colonisation with assistance” strategy, the self sustaining capability of the site and what, if any, further management actions are required.



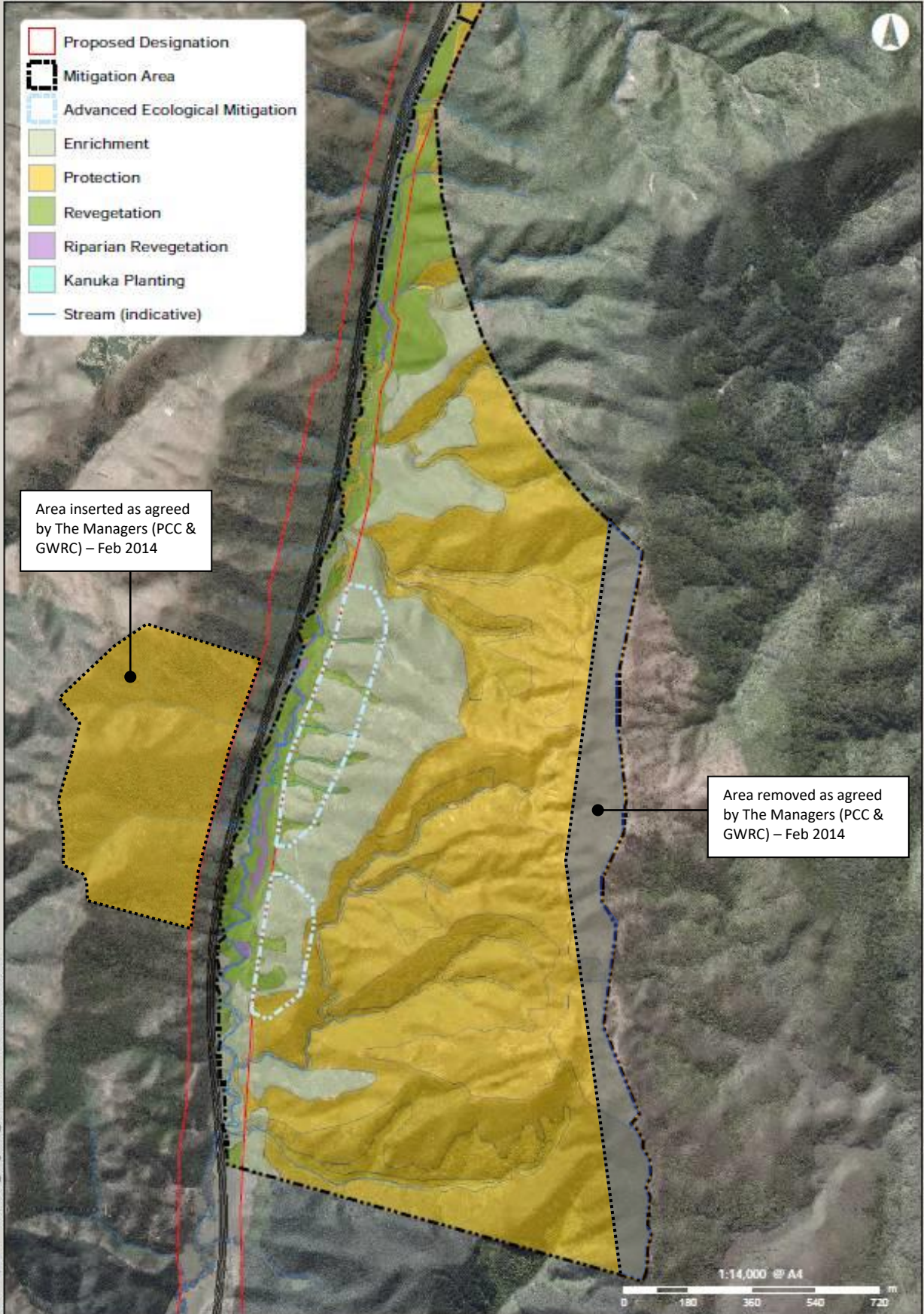
**TRANSMISSION GULLY
PROPOSED MITIGATION SITES AND TREATMENTS
TE PUKA STREAM**

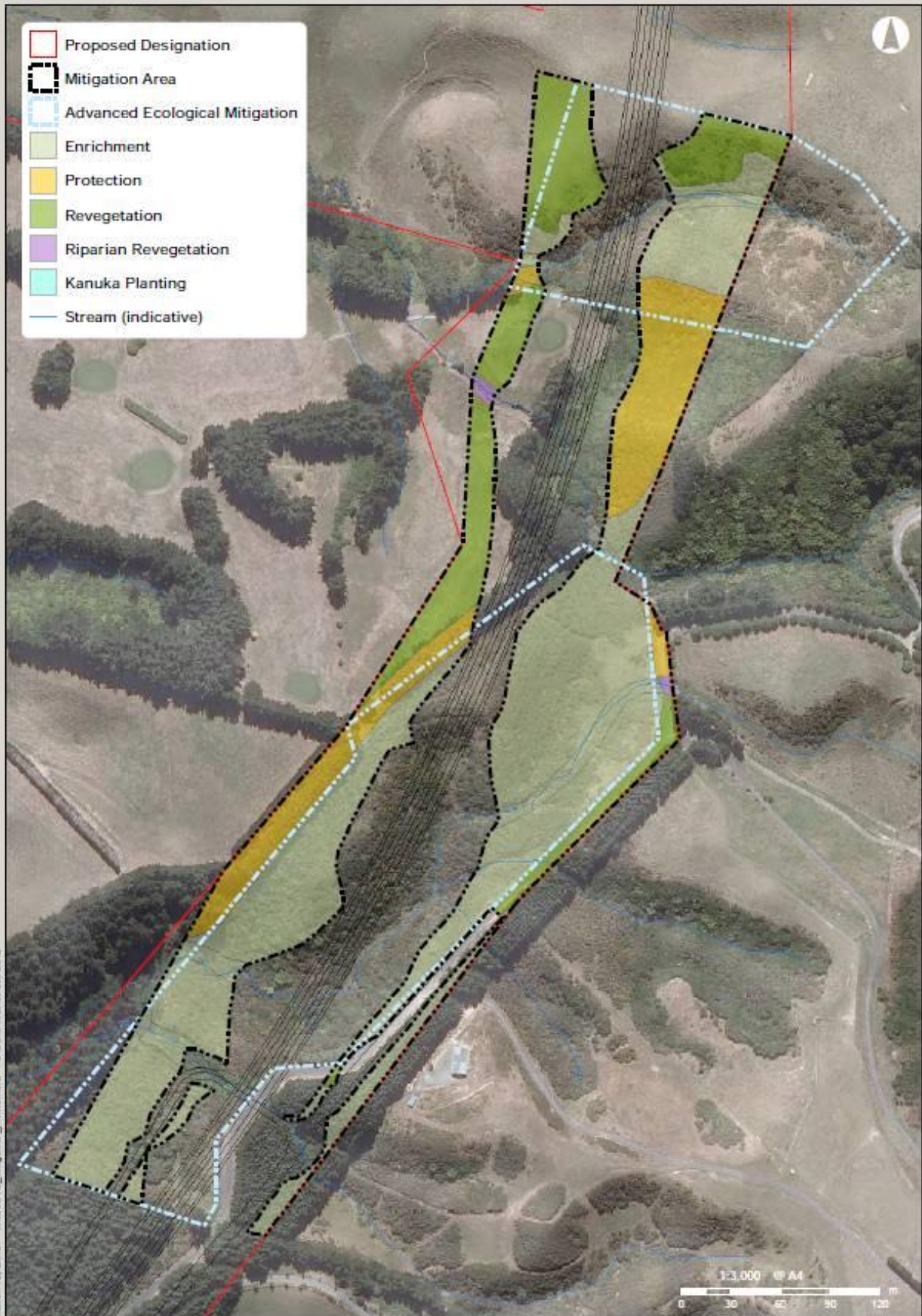
- Proposed Designation
- Mitigation Area
- Advanced Ecological Mitigation
- Enrichment
- Protection
- Revegetation
- Riparian Revegetation
- Kanuka Planting
- Stream (indicative)

Area inserted as agreed by The Managers (PCC & GWRC) – Feb 2014

Area removed as agreed by The Managers (PCC & GWRC) – Feb 2014

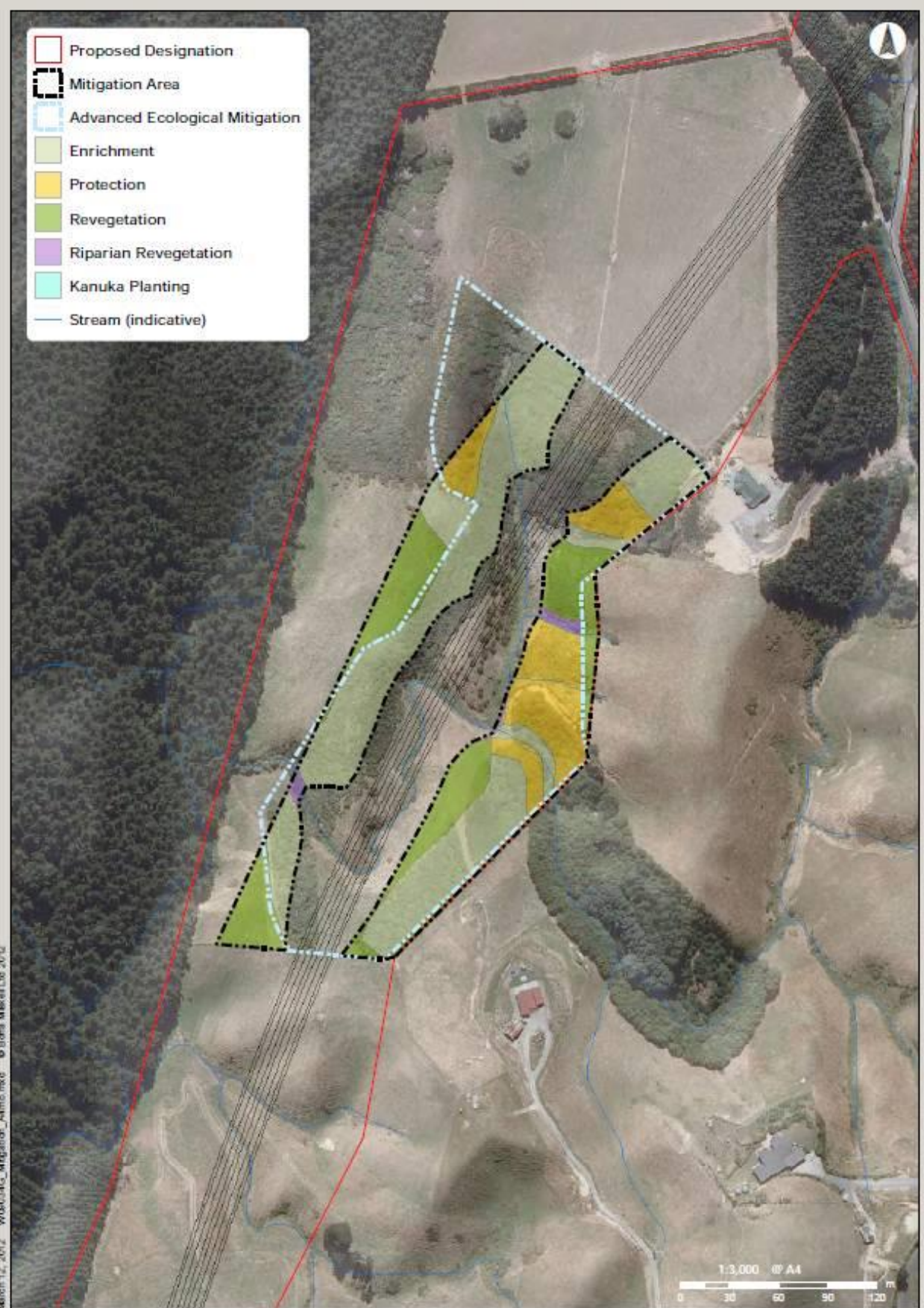
March 12, 2012 W06034G_Mitigation_Amb.mxd © Boffa Miskell Ltd 2012 | Amended by agreement from The Managers (PCC & GWRC), February 2014





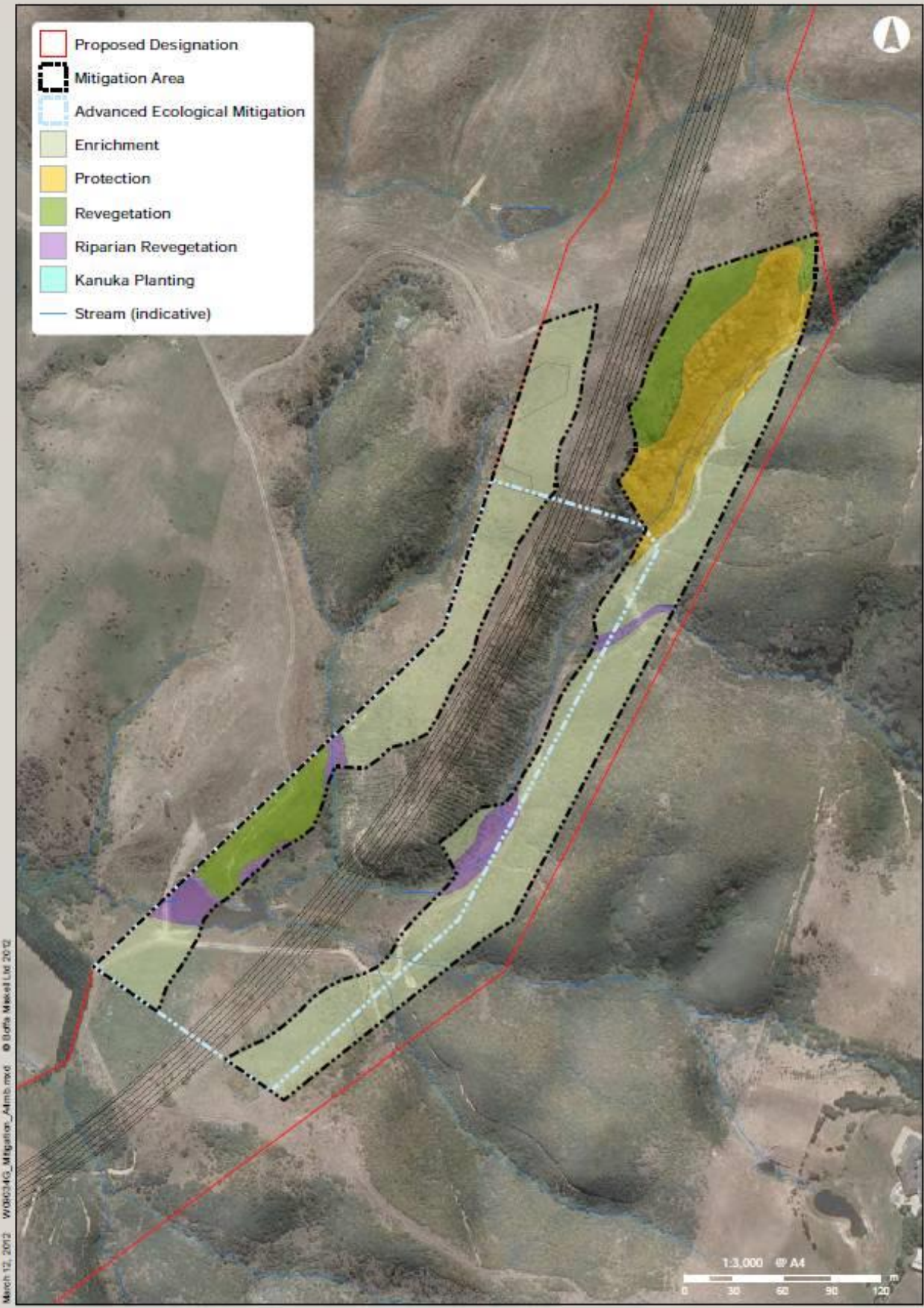
**TRANSMISSION GULLY
PROPOSED MITIGATION SITES AND TREATMENTS
RATION CREEK (AEM 7, 8)**

- Proposed Designation
- Mitigation Area
- Advanced Ecological Mitigation
- Enrichment
- Protection
- Revegetation
- Riparian Revegetation
- Kanuka Planting
- Stream (indicative)

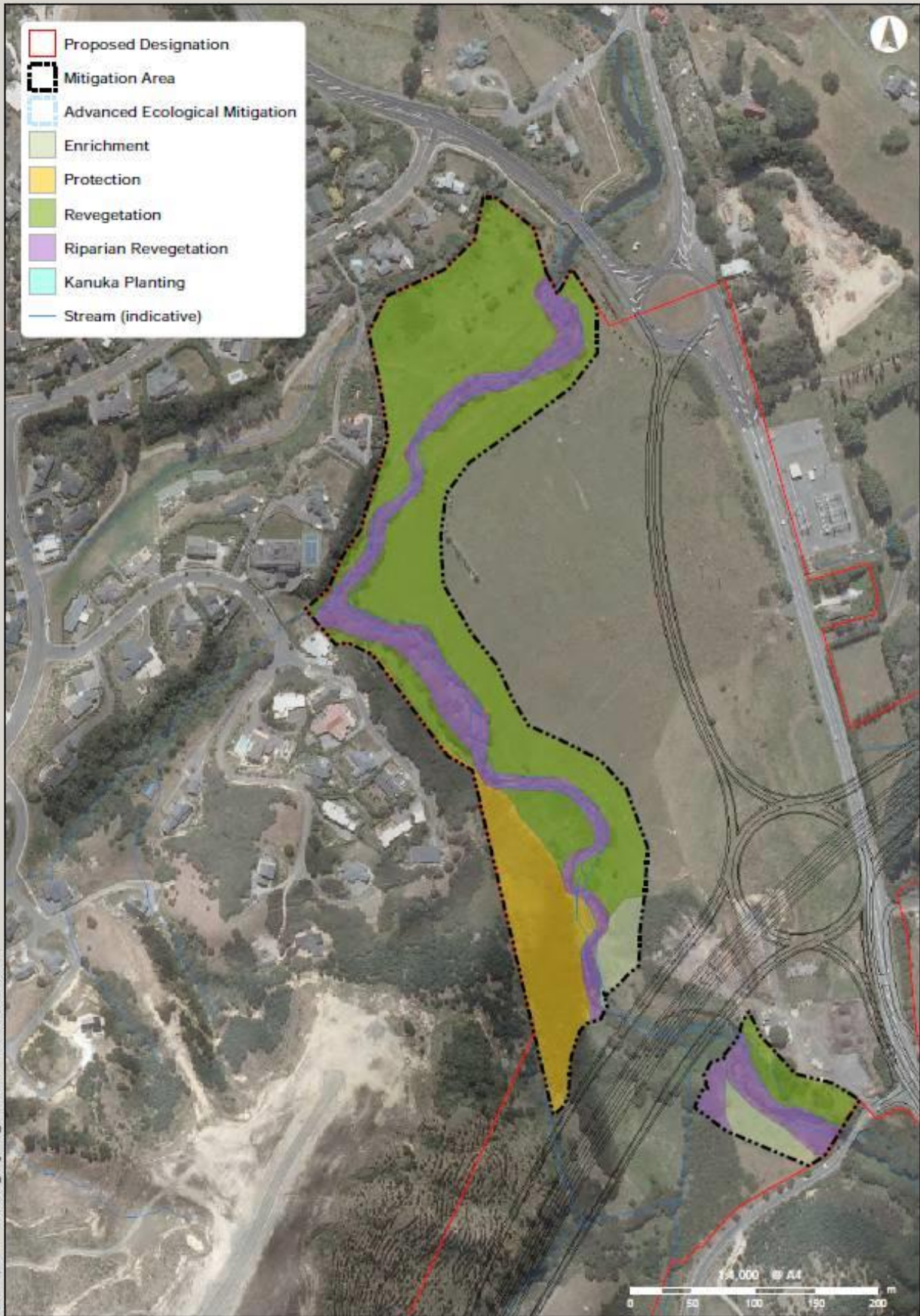


March 12, 2012 W88014G_Mitigation_Amb.mxd © Boffa Miskell Ltd 2012

- Proposed Designation
- Mitigation Area
- Advanced Ecological Mitigation
- Enrichment
- Protection
- Revegetation
- Riparian Revegetation
- Kanuka Planting
- Stream (indicative)



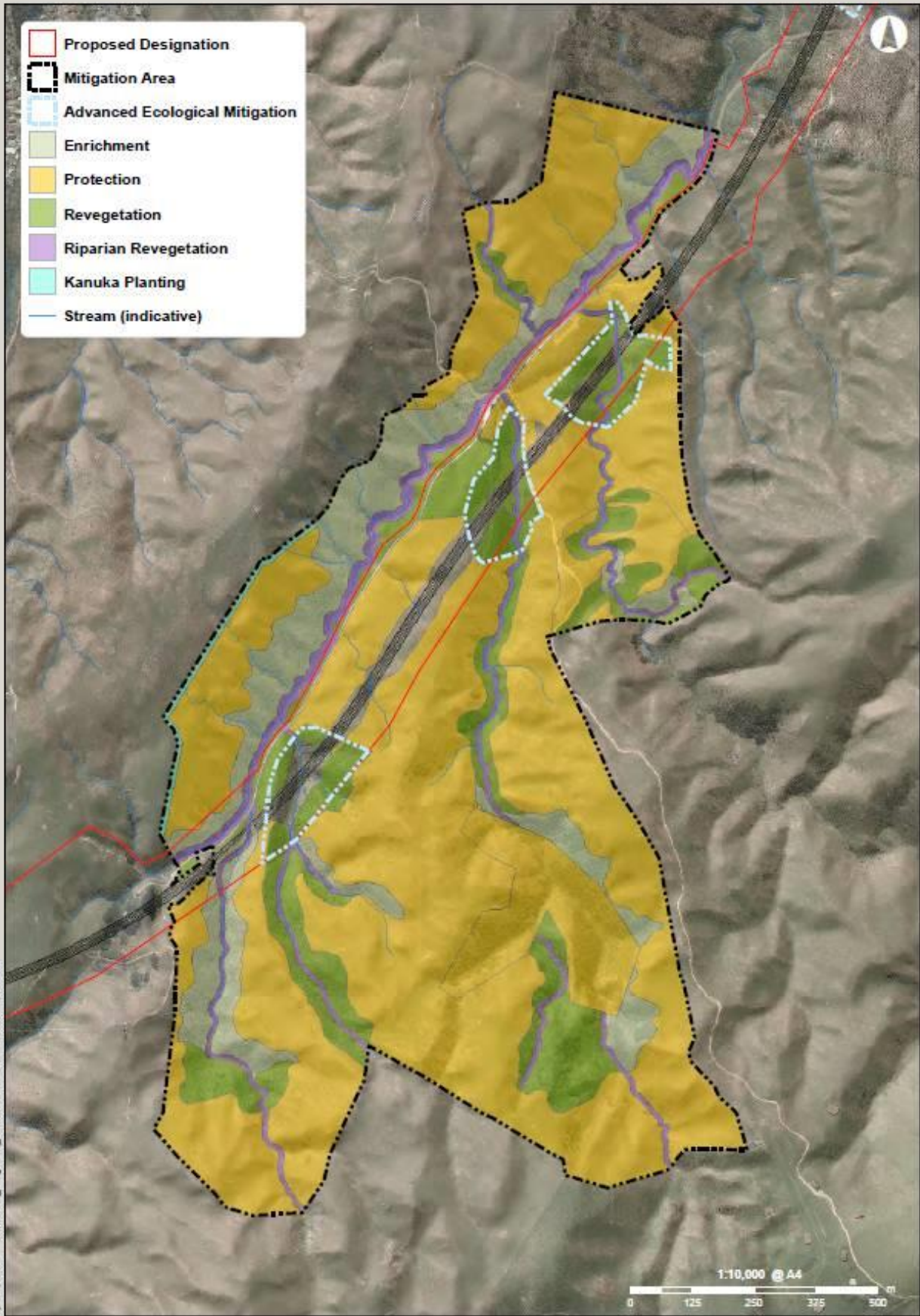
March 12, 2012 W090346_Mitigation_Amb.mxd © Boffa Miskell Ltd 2012



March 12, 2012 W00034G_Mitigation_Amb.mxd © Boffa Miskell Ltd 2012



TRANSMISSION GULLY
PROPOSED MITIGATION SITES AND TREATMENTS
 PAUATAHANUI STREAM (LANES)

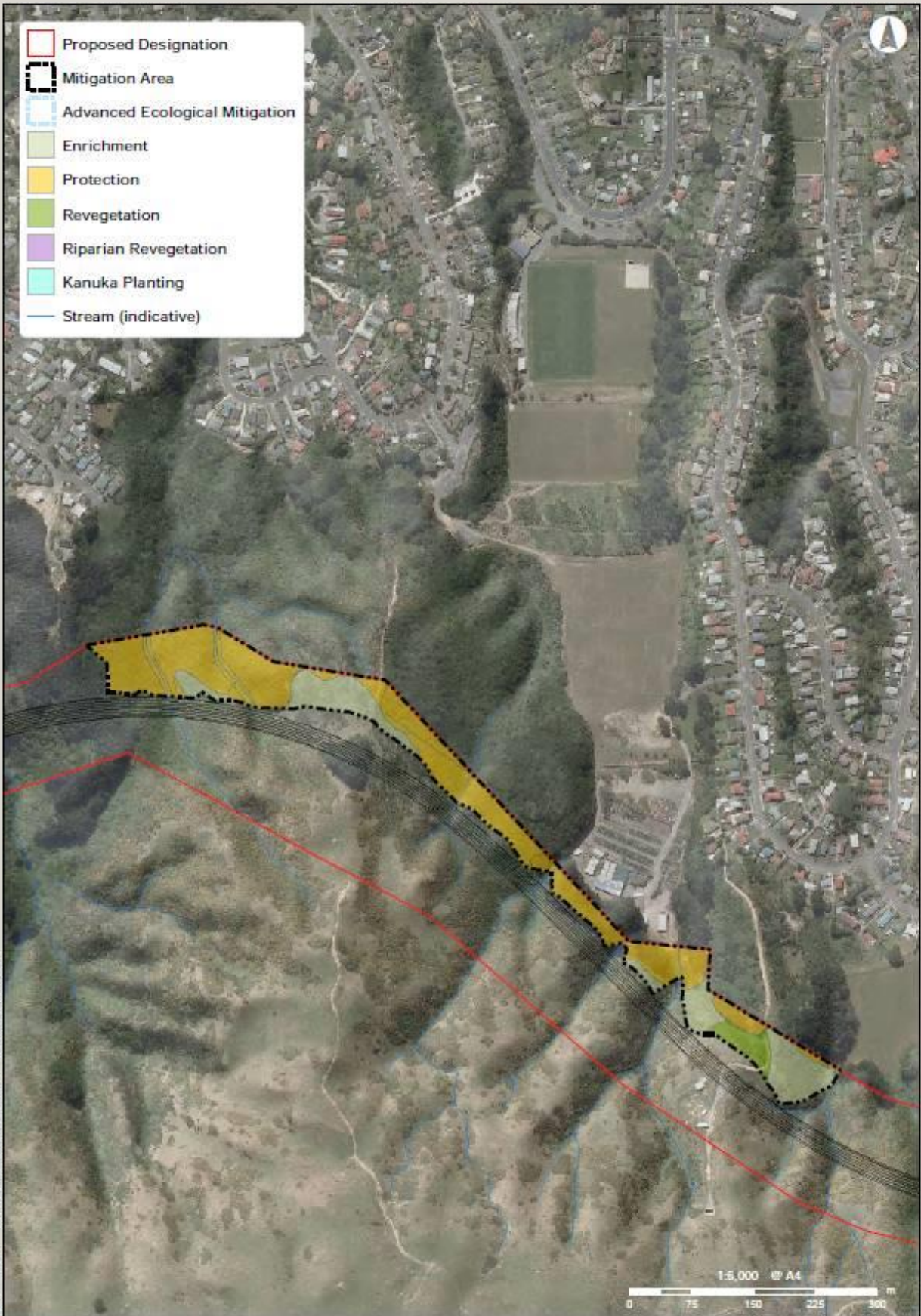


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**TRANSMISSION GULLY
PROPOSED MITIGATION SITES AND TREATMENTS
DUCK CREEK (AEM 1,2,3)**

**7
mv1**



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**TRANSMISSION GULLY
PROPOSED MITIGATION SITES AND TREATMENTS
CANNONS CREEK (PORIRUA STREAM)**

Schedule F: Tables L5 and L6 as updated from the Draft ESCMP

Refer to Replacement L5, L6 Tables

Table L5—Monitoring Activities for Sediment Control Measures							
Device	Monitoring Required	Frequency	Parameters	Locations	Performance Measures ⁴	Management Action and Reporting	
						Trigger Exceedence	Design Exceedence (T3)
Compliant Sediment Retention Device (Comprises 3% volume; 3:1 L:W ratio; floating decants; rain activated Chemical Treatment)	Audit check of device performance	All devices constructed at the beginning of each new construction phase to enable performance to be ascertained during all rain events which generate a discharge. The number of retention devices being monitored on any site may only be reduced with the Managers approval, with consideration given to the risk of that site with particular regard to the erodibility of soils. Monitoring to occur at times during rain events that generate a discharge. Number of devices is intended to encompass a representative sample of different soil characteristics in the construction area under the SEMP and as such could be adjusted accordingly.	Flow rates, Total Suspended Solids, calibrated turbidity.	Inlet and outlet from device	Trigger 1 (T1) <80% TSS removal Trigger 2 (T2) <75% TSS removal Design Standard (T3) <70% TSS removal	Response (T1 and T2): Investigations and reporting as detailed below to be completed within 5 working days. Review all measures including option of particle size analysis Maintenance and Operation (T1 and T2): Inspect device including chemical dosing systems and review maintenance records. Correct problems. Erosion Control (T1 and T2): Review erosion control measures for catchment. Correct problems and/or install additional erosion control measures. Design (T2 only): Review design including chemical dosing systems. Modify design if required. Environmental (T2 only): Conditions G.42 requires ecologist to be notified and inspect. Consider whether discharge has downstream impact. Report (T2 only): Report all monitoring, trigger exceedences, reviews undertaken and document corrective actions. Report is to be reviewed and signed off by erosion and sediment control specialist.	Response: Stop earthworks in device catchment and stabilise non-stabilised areas. Earthworks to recommence only with approval of WRC manager. Investigations and Reporting as per requirements for trigger exceedence. Plus notify Manager as soon as practicable after the incident has been identified. (Condition G.10). Report is to be reviewed and signed off by erosion and sediment control specialist.

⁴ Performance measures are to be proposed by the consent holder, reviewed by the peer review panel and be approved by the Manager. Performance measures are to include trigger levels and design or compliance levels.

<p>Chemical Treatment System</p>	<p>Audit check of device performance</p>	<p>All devices constructed at the beginning of each new construction phase to enable performance to be ascertained during all rain events which generate a discharge.</p> <p>The number of retention devices being monitored on any site may only be reduced with the Managers approval, with consideration given to the risk of that site with particular regard to the erodibility of soils.</p> <p>Monitoring to occur at times during rain events that generate a discharge.</p> <p>Number of devices is intended to encompass a representative sample of different soil characteristics in the construction area under the SEMP and as such could be adjusted accordingly.</p>	<p>Depends on chemical dosing method. Include visual check of device, clarity, pH, flow rates, Total Suspended Solids, calibrated turbidity, particle size analysis and settling rates</p>	<p>Inlet and outlet from device</p>	<p>System is not being over dosed; this will include limits for pH and Aluminium (if required).</p> <p>Triggers are dependent on chemicals being used and will be determined based on chemical batch testing.</p>	<p>Response:</p> <p>Investigations and reporting as detailed below to be completed within 7 days.</p> <p>Maintenance and Operation:</p> <p>Inspect chemical dosing systems and review maintenance records. Modify dosing system if under or over dosing observed.</p> <p>Design:</p> <p>Review chemicals and dose rates. Correct problems</p> <p>Report:</p> <p>Report all monitoring, trigger exceedences, reviews undertaken and documentation of corrective actions. Report is to be reviewed and signed off by erosion and sediment control specialist.</p>	
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Table L6—Monitoring Requirement for Catchment Control Monitoring Sites					
Sample Point	Duration	Parameters and Frequency	Performance Measures ^{5,6}	Management Action and Reporting	
				Trigger A	Trigger B or C
<p>Whareroa—Whareroa 1 (U/S) and new D/S site. Wainui—Wainui 1 (U/S) and new D/S site.</p> <p>Horokiri—Horokiri 1 (U/S) and Horokiri 2 (D/S). [To confirm that 1 is upstream of all works—alternatively consider 3 as side control].</p> <p>Ration—Establish new upstream and downstream sample points.</p> <p>Pauatahanui— Pauatahanui 1 (U/S) Pauatahanui 2 (D/S).</p> <p>Duck Creek—Duck 1 (U/S) Duck 2 (D/S).</p> <p>Kenepuru—Kenepuru 1 (U/S) and Kenepuru 3 (D/S).</p> <p>Porirua—Porirua 1 (U/S) and Porirua 2 (D/S)</p> <p>Continuous sampling at key downstream locations to use real-time communications.</p>	<p>Starting at least 12 months prior to works starting in the catchment.</p> <p>For 6 months after opening of the road.</p>	<p>Fine Sediments percentage by particle size analysis (%)</p>	<p>Change by X% at D/S site compared to pre-development as measured in preconstruction baseline monitoring.</p>	<p>Exceedence of Trigger A requires management action a) and b):</p> <p>a) Investigate monitoring data quality. Compare u/s and d/s monitoring data to identify if issue is from Project or due to other catchment activities.</p> <p>b) Investigate erosion and sediment control activities in accordance with “Erosion Control” management action for Compliant Sediment Retention in Table L5.</p> <p>Report trigger exceedences to Manager within 5 working days. Report to include monitoring, trigger exceedences, reviews undertaken and documentation of corrective actions.</p> <p>Reports routine monitoring every month. Reports to be reviewed and signed off by erosion and sediment control specialist.</p>	<p>Exceedence of Triggers B and C requires management action a) b) and c):</p> <p>a) Investigate monitoring data quality. Compare u/s and d/s monitoring data to identify if issue is from Project or due to other catchment activities.</p> <p>b) Stop earthworks in catchment and stabilise non-stabilised areas. Earthworks to recommence only with approval of WRC Manager.</p> <p>c) Investigate erosion and sediment control activities in accordance with “Erosion Control” “Design” and “Environmental” management actions for Compliant Sediment Retention Device in Table L5.</p> <p>Report trigger exceedences to Manager within 5 working days. Report to include monitoring, trigger exceedences, reviews undertaken and documentation of corrective actions.</p> <p>Reports should be is to be reviewed and signed off by erosion and sediment control specialist.</p>
		<p>Turbidity (NTU)—continuous</p>	<p>Change by X units vs. Upstream site and/or X% outside the range of background data as measured in preconstruction baseline monitoring.</p> <p>Trigger A—Averaged hourly TSS more than three standard deviations above expected mean with Project for averaged hourly flow, where expected mean with Project is based on sediment rating curve (refer to Technical Report 15, Appendix S, Table S.1 “Modelled Worst Year (2021 hydrology)”). The standard deviation is to be based on baseline monitoring and number of standard deviations may be modified with review of Peer Review Panel and approval of Manager. TSS to be based on TSS-turbidity relationship.</p> <p>Trigger B—Observed sediment rating curve to be no more than 10% greater than AEE rating curve (refer to Technical Report 15, Appendix S, Table S.1 “Modelled Worst year (2021 hydrology)”). Percentage difference may be modified with review of Peer Review Panel and approval of Manager. Rating curve for each monitored stream to be updated quarterly. TSS to be based on TSS-turbidity relationship.</p>		
		<p>Total suspended Solids (TSS) (g/m³)—as required to develop Turbidity vs TSS relationship (using auto samplers) plus monthly.</p>	<p>Change by X units vs. Upstream site and/or X% outside the range of background data as measured in preconstruction baseline monitoring.</p> <p>Trigger A—Averaged hourly TSS more than three standard deviations above expected mean with Project for averaged hourly flow, where expected mean with Project is based on sediment rating curve (refer to Technical Report 15, Appendix S, Table S.1 “Modelled Worst Year (2021 hydrology)”). The standard deviation is to be based on baseline monitoring and number of standard deviations may be modified with review of Peer Review Panel and approval of Manager. TSS to be based on TSS-turbidity relationship.</p> <p>Trigger B—Observed sediment rating curve to be no more than 10% greater than AEE rating curve (refer to Technical Report 15, Appendix S, Table S.1 “Modelled Worst year (2021 hydrology)”). Percentage difference may be modified with review of Peer Review Panel and approval of Manager. Rating curve for each monitored stream to be updated quarterly. TSS to be based on TSS-turbidity relationship.</p>		
		<p>Temperature—monthly</p>	<p>Consultation with WRC</p>		
		<p>pH—monthly</p>	<p>Consultation with WRC</p>		
<p>Macro Invertebrates—refer EMMP</p>	<p>Consultation with WRC</p>				
<p>Harbour Estuary assessment for cockle health and other benthic fauna parameters—refer EMMP</p>	<p>Consultation with WRC</p>				

⁵ Performance measures are to be proposed by the consent holder, reviewed by the peer review panel and be approved by the Manager. Performance measures are to include trigger levels and design or compliance levels.

⁶ Performance measures to also consider total event load as an alternative trigger, with triggers set at levels for Q2 and Q10 in TR15 Table 15.42.

		Flow — continuous, with flow rating developed and updated if any channel changes	None		<p>Exceedence of Trigger C requires management action a), b) and c) above plus d).</p> <p>d) Review of area limits for Earthworks (Condition E.1).</p> <p>Annual Report including comparison of Project Sediment Yield with TR15 and consideration of monitoring undertaken for ESCMP and EMMP. Reports should be signed off by erosion and sediment control specialist.</p>
		Project sediment yield in each specific catchment based on assessment of effects.	Trigger Level C — Tonnes of sediment per year as function of area of earthworks.		

Appendix A: Schedule F: Table L5

[Replacement L5, L6 Tables created by Section 127 issued 26/08/15]

Table L5 - Monitoring Activities for Sediment Control Measures.							
Purpose: to provide for adaptive management of erosion and sediment control devices while driving and promoting good practice for erosion and sediment control within the catchment of the device.							
Device	Monitoring required	Frequency	Parameters	Locations	Performance Measures ⁴	Management and Reporting	
						Trigger Exceedance (T1 and T2)	Design Exceedance (T3)
Compliant Sediment Retention Device (Comprises 3% volume; 3:1 L:W ratio: floating decants; rain activated Chemical Treatment)	Audit check of device performance	All devices that generate a discharge will be monitored. The number of retention devices being monitored on any site may only be reduced with the Manager's approval. For example, the number of devices must encompass a representative sample of different soil characteristics and slope classifications (angle and length) in the construction area under the SSEMP or EWMP and as such could be adjusted accordingly. Monitoring to occur at times during rain events that generate a discharge from the CSRD.	SRPs: flow and TSS. DEBs: TSS only. Note <i>TSS can be derived from turbidity measurements using a calibration relationship</i> ,	Inlet and outlet from device	Trigger 1 (T1) <80% TSS removal Trigger 2 (T2) <75% TSS removal Design Standard (T3) <70% TSS removal	Follow most recently approved version of Figure L5-1 <i>Response Monitoring for % Efficiency of Devices</i> flow chart.	Response: Follow most recently approved version of Figure L5-1 <i>Response Monitoring for % Efficiency of Devices</i> flow chart.
Chemical Treatment System	Audit check of chemical treatment performance	Frequency is to be determined and be consistent with the CSRD frequency as specified above.	Dependant upon the chemical treatment method. Include visual check of device, clarity, pH, flow rates and TSS (note <i>TSS can be derived from turbidity measurements using calibration relationship</i>),	Inlet and outlet from device	Performance measures are dependent on the chemical being used and will be determined based on this chemical and treatment methodology.	Response: Investigations and reporting as detailed below to be completed within 7 days. Maintenance and Operation: Inspect chemical dosing systems and review maintenance records. Assess and modify (if necessary) dosing system if performance of the CSRD is not achieving T1 to T3 triggers as specified above. Design: Review chemicals used and associated dose rates. Correct problems Report: Report all monitoring, performance measures, reviews undertaken and documentation of corrective actions. Report is to be reviewed and signed off by erosion and sediment control specialist.	

⁴ Performance measures are to be proposed by the consent holder, reviewed by the peer review panel and be approved by the Manager. Performance measures are to include trigger levels and design or compliance levels.

Appendix B: Schedule F: Table L6

Table L6 – Monitoring Requirement for Catchment Control Monitoring Sites				
Purpose: to establish trigger values that initiate management actions and investigations of events where there is a risk that certain project related activities could result in exceeding the expected sediment load in the project receiving environments (i.e., the effects could be worse than those assessed in the application for resource consent).				
Sample Point ⁵	Duration	Parameters and Frequency	Performance Measures ^{6,7}	Management Action and Reporting
Te Puka – Te Puka Horokiri –Horokiri Ration – Ration Pauatahanui - Pauatahanui Duck Creek – Duck Kenepuru – Cannons Creek Continuous sampling at these key downstream locations to use real-time communications.	Starting at least 12 months prior to works starting in the catchment. Throughout construction and work that may generate sediment until such time as disturbed areas have been deemed stabilised by GWRC	Turbidity (NTU) – continuous	Trigger A1 (Event trigger) – a turbidity value (catchment specific) calculated by reviewing baseline turbidity data in response to rain events that exceed 20 mm per 24 hours or 4 mm per hour. Trigger A2 (All other rain and weather conditions) – a turbidity value (catchment specific) for all other rain and weather conditions. Trigger values A1 and A2 are to be developed in the ESCMP, and shall be selected to represent conditions that will not result in an excessive number of false events, according to baseline data. Trigger B (Long term trigger) - Observed sediment rating curve to be no more than 10% greater than AEE rating curve (refer to Technical Report 15, Appendix S, Table S.1 “Modelled Worst year 2021 hydrology”). Percentage difference may be modified with review of Peer Review Panel and approval of Manager. Rating curve for each monitored stream to be calculated quarterly. SSC to be based on SSC -turbidity relationship.	Response to exceedance of Triggers: Follow most recently approved version of Figure L6-2 <i>Trigger Event Monitoring</i> flow chart
		Suspended solids concentration (SSC) (g/m ³) as required to develop Turbidity vs SSC relationship (using auto-samplers) monthly.		
		Flow – continuous, as required to generate updated rating curves. Trigger B to be calculated and reported on a quarterly basis or less frequently if approved by the Manager.	Trigger Level C – Tonnes of sediment per year as function of area of earthworks.	

⁵ The locations below are those for which continuous flow and turbidity monitoring was carried out in the baseline period. Wainui Stream, Whareroa Stream, and Porirua Stream are deleted from Table L6 because they were not included in the baseline monitoring programme. Instream monitoring methods and triggers for works in the catchments of Wainui, Whareroa, and Porirua streams shall be included in the ESCMP and EMMP.

⁶ Performance measures are to be proposed by the consent holder, reviewed by the peer review panel and be approved by the Manager. Performance measures are to include trigger levels and design or compliance levels.

⁷ Performance measures to also consider total event load as an alternative trigger, with triggers set at levels for Q2 and Q10 in TR15 Table 15.4

~~Conditions of Resource Consents: Post Board of Inquiry~~

KCDC: NES (Contaminated Soils), Car Haulways (RM130162)

General Information

Location of Activity: 362 State Highway 1, Paekakariki (Lot 1 DP 53032)

Description of Activity: Land use consent to disturb soil in accordance with regulation 11 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

Decision: Granted subject to conditions on 3 October 2013

Conditions (as imposed under Section 108 of the Resource Management Act 1991):

1. ~~The proposed activity shall be undertaken in general accordance with the plans and other information supplied by the applicant and held on Council file RM130162, except where modified by conditions of consent.~~
2. ~~The consent holder shall notify the Council's Compliance Officer in writing 48 hours before the works begin. The consent holder shall fill out and return (by Fax 04-296-4830 or Private Bay 60601, Paraparaumu 5254) the form attached to the decision.~~
3. ~~The consent holder shall pay the following Council Engineering Fees within one month after the issue of consent:~~
 - ~~\$228 (GST inclusive) for the review of the application; and~~
 - ~~\$226 (GST inclusive) for the site inspection and consent compliance monitoring, for the first 2 hours spent by the Council.~~

~~Extra fees may apply in accordance with the Engineering Fees Schedule adopted by Council from 1 July 2013. The current charge out rate is \$114 per additional hour thereafter the first 2 hours.~~
4. ~~The consent holder shall advise Council's Compliance Officer of the names of the Developer's or Owner's Representative or Representatives appointed in terms of Clause B(ii) of Part 3 of the Kapiti Coast District Council Subdivision and Development Principles and Requirements 2012 prior to the commencement of work.~~
5. ~~Soil disturbance shall be undertaken in accordance with the following site specific environmental plans:~~
 - ~~Erosion and Sediment Control Plan certified by the Greater Wellington Regional Council;~~
 - ~~Contaminated Land Management Plan; certified by the Greater Wellington Regional Council;~~
~~and~~
 - ~~Construction Air Quality (Dust) Management Plan.~~

Note: ~~the above plans are required by relevant conditions of resource consents and notice of~~

~~requirements granted by the Board of Inquiry to the New Zealand Transport Agency.~~

~~6. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present on site whenever soil is disturbed to ensure that all works are undertaken in accordance with the Contaminated Land Management Plan.~~

~~7. The soils disturbed within the consented area on the site shall be subject to regular validation verification tests. The rate of sampling shall not be less than the minimum rate of 1 sample per 200m³. The samples shall be submitted to an IANZ accredited laboratory for the analysis of Heavy Metals (Arsenic, Cadmium, Chromium, Copper, Lead and Zinc) and Total Petroleum Hydrocarbons (TPH). The analytical results shall be assessed against the applicable Commercial/Industrial Soil Contaminant Standards for the analytes, for chemical characterisation according to the criteria to be agreed upon by the Council and consent holder following the completion of the Detailed Site Investigation to be undertaken under Condition 6 (above). **NOTE: Condition 7 amended on 29/07/2015, and 10/08/2015 pursuant to section 133A of the Resource Management Act 1991.**~~

~~8. The disturbed soil on the site (unless it is tested and found to meet clean fill criteria) may be used as fill material, provided the following provisions are satisfied:~~

- ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the Council; or~~
- ~~• Placed underneath the roadway within the Transmission Gully main alignment or its link roads;~~
- ~~or~~
- ~~• Retained anywhere within the site subject of this consent~~

~~and provided all soil disturbance is undertaken in accordance with the requirements of the Contaminated Land Management Plan.~~

~~Note: Condition E.28 of consents RC 1 to RC 3 granted by Board of Inquiry will need to be amended to allow disturbed contaminated soil meeting clean fill criteria to be used as fill material.~~

~~9. The disturbed soil shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~

~~10. Where the contaminated soil materials meeting clean fill criteria are used for stockpiling for roading materials, the stockpiles shall be located within the Transmission Gully Designation, and the stockpiles shall be well consolidated and isolated on site by containment by a properly designed barrier that is both erosion resistant and will not dust and soil particles to be blown into the air.~~

~~11. The materials placed for road use shall be surveyed following placement and the survey records shall be included within the Contaminated Land Management Plan and the Construction Management Plan.~~

~~12. If the Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary,~~

~~the contaminated soil shall be disposed of at an appropriately consented facility (except materials meeting clean fill criteria).~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site.~~

~~13. The conditions of the consent may be reviewed by the Council Resource Consent Manager pursuant to Section 128 of the Act by giving notice pursuant to Section 129, two years after the commencement of the Consent, again five years after the commencement of the consent and every five years thereafter.~~

~~14. Should a waahi tapu or other cultural site is unearthed during earthworks the contractor and/or owner shall:~~

~~(a) cease operations;~~

~~(b) inform local iwi;~~

~~(c) inform the NZ Historic Places Trust (NZHPT) and apply for an appropriate authority if required; and~~

~~(d) take appropriate action, after discussion with the NZHPT, Council and Iwi to remedy damage or restore the site.~~

~~Note: In accordance with the Historic Places Act 1993, where archaeological site is present (or uncovered), an authority from the NZ Historic Places Trust is required if the site is to be modified in any way.~~

Advice Notes

- ~~• All costs arising from any of the above conditions shall be borne by the consent holder.~~
- ~~• Under section 125 of the Resource Management Act 1991, this resource consent will lapse in five years, unless it is given effect to within that time.~~
- ~~• Prior to work commencing, the Site Specific Environmental Management Plan (SSEMP) meeting the requirements of the consent conditions G.26 granted by the Board of Inquiry to New Zealand Transport Agency should be submitted and certified by the relevant Council(s).~~

~~KGDC: NES (Contaminated Soils), Golden Coast Nurseries (RM 130161)~~

General Information

Location of Activity: ~~350 State Highway 1, Paekakariki (lot 1 DP 46626)~~

Description of Activity: ~~Land use consent to disturb soil in accordance with regulation 11 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.~~

Decision: ~~Granted subject to conditions on 3 October 2013~~

Conditions (as imposed under Section 108 of the Resource Management Act 1991):

~~1. The proposed activity shall be undertaken in general accordance with the plans and other information supplied by the applicant and held on Council file RM 130161, except where modified by conditions of consents.~~

~~2. The consent holder shall notify the Council's Compliance Officer in writing 48 hours before the works begin. The consent holder shall fill out and return (by Fax 04-296-4830 or Private Bay 60601, Paraparaumu 5254) the form attached to the decision.~~

~~3. The consent holder shall pay the following Council Engineering Fees within one month after the issue of consent:~~

- ~~• \$228 (GST inclusive) for the review of the application; and~~
- ~~• \$226 (GST inclusive) for the site inspection and consent compliance monitoring, for the first 2 hours spent by the Council.~~

~~Extra fees may apply in accordance with the Engineering Fees Schedule adopted by Council from 1 July 2013. The current charge out rate is \$114 per additional hour thereafter the first 2 hours.~~

~~4. The consent holder shall advise Council's Compliance Officer of the names of the Developer's or Owner's Representative or Representatives appointed in terms of Clause B(ii) of Part 3 of the Kapiti Coast District Council Subdivision and Development Principles and Requirements 2012 prior to the commencement of work.~~

~~5. Soil disturbance shall be undertaken in accordance with the following site specific environmental plans:~~

- ~~• Erosion and Sediment Control Plan certified by the Greater Wellington Regional Council;~~
- ~~• Contaminated Land Management Plan; certified by the Greater Wellington Regional Council;~~
~~and~~
- ~~• Construction Air Quality (Dust) Management Plan.~~

~~Note: the above plans are required by relevant conditions of resource consents and notice of requirements granted by the Board of Inquiry to the New Zealand Transport Agency.~~

- ~~6. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present on site whenever soil is disturbed to ensure that all works are undertaken in accordance with the Contaminated Land Management Plan.~~
- ~~7. The soils disturbed within the consented area on the site shall be subject to regular validation verification tests. The rate of sampling shall not be less than the minimum rate of 1 sample per 200m³. The samples shall be submitted to an IANZ accredited laboratory for the analysis of Arsenic, Cadmium, Chromium, Copper and Lead. The analytical results shall be assessed against the applicable Commercial/Industrial Soil Contaminant Standards for the analytes, for chemical characterisation according to the criteria to be agreed upon by the Council and consent holder following completion of the Detailed Site Investigation to be undertaken under Condition 6 (above). **NOTE: Condition 7 amended on 29/07/2015, and 10/08/2015 pursuant to section 133A of the Resource Management Act 1991.**~~
- ~~8. The disturbed soil on the site (unless it is tested and found to meet clean fill criteria) may be used as fill material, provided the following provisions are satisfied:
 - ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the Council; or~~
 - ~~• Placed underneath the roadway within the Transmission Gully main alignment or its link roads;~~
 - ~~or~~
 - ~~• Retained anywhere within the site subject of this consent~~and provided all soil disturbance is undertaken in accordance with the requirements of the Contaminated Land Management Plan.

~~Note: Condition E.28 of consents RC 1 to RC 3 granted by Board of Inquiry will need to be amended to allow disturbed contaminated soil meeting clean fill criteria to be used as fill material.~~~~
- ~~9. The disturbed soil shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~
- ~~10. Where the contaminated soil materials meeting clean fill criteria are used for stockpiling for roading materials, the stockpiles shall be located within the Transmission Gully Designation, and the stockpiles shall be well consolidated and isolated on site by containment by a properly designed barrier that is both erosion resistant and will not dust and soil particles to be blown into the air.~~
- ~~11. The materials placed for road use shall be surveyed following placement and the survey records shall be included within the Contaminated Land Management Plan and the Construction Management Plan.~~
- ~~12. If the Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary, the~~

~~contaminated soil shall be disposed of at an appropriately consented facility (except materials meeting clean fill criteria).~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site.~~

~~13. The conditions of the consent may be reviewed by the Council Resource Consent Manager pursuant to Section 128 of the Act by giving notice pursuant to Section 129, two years after the commencement of the Consent, again five years after the commencement of the consent and every five years thereafter.~~

~~14. Should a waahi tapu or other cultural site is unearthed during earthworks the contractor and/or owner shall:~~

~~(a) cease operations;~~

~~(b) inform local iwi;~~

~~(c) inform the NZ Historic Places Trust (NZHPT) and apply for an appropriate authority if required;
and~~

~~(d) take appropriate action, after discussion with the NZHPT, Council and iwi to remedy damage or restore the site.~~

~~Note: In accordance with the Historic Places Act 1993, where archaeological site is present (or uncovered), an authority from the NZ Historic Places Trust is required if the site is to be modified in any way.~~

Advice Notes

- ~~• All costs arising from any of the above conditions shall be borne by the consent holder.~~
- ~~• Under section 125 of the Resource Management Act 1991, this resource consent will lapse in five years, unless it is given effect to within that time.~~
- ~~• Prior to work commencing, the Site Specific Environmental Management Plan (SSEMP) meeting the requirements of the consent conditions G.26 granted by the Board of Inquiry to New Zealand Transport Agency should be submitted and certified by the relevant Council(s).~~

KCDC: NES (Contaminated Soils) MacKays Crossing (RM 130157)

General Description

Location of Activity: Mackay's Crossing, 525 State Highway 1, Paekakariki, (Part Lot 4 DP 714 and Sec 23 SO 427118)

Description of Activity: Land use consent to disturb soil in accordance with regulation 11 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

Decision: Granted subject to conditions on 3 October 2013

Conditions (as imposed under Section 108 of the Resource Management Act 1991):

1. The proposed activity shall be undertaken in general accordance with the plans and other information supplied by the applicant and held on Council file RM130157, except where modified by conditions of consent.

2. The consent holder shall notify the Council's Compliance Officer in writing 48 hours before the works begin. The consent holder shall fill out and return (by Fax 04-296-4830 or Private Bay 60601, Paraparaumu 5254) the form attached to the decision.

3. The consent holder shall pay the following Council Engineering Fees within one month after the issue of consent:

- \$228 (GST inclusive) for the review of the application; and
- \$226 (GST inclusive) for the site inspection and consent compliance monitoring, for the first 2 hours spent by the Council.

Extra fees may apply in accordance with the Engineering Fees Schedule adopted by Council from 1 July 2013. The current charge out rate is \$114 per additional hour thereafter the first 2 hours.

4. The consent holder shall advise Council's Compliance Officer of the names of the Developer's or Owner's Representative or Representatives appointed in terms of Clause B(ii) of Part 3 of the Kapiti Coast District Council Subdivision and Development Principles and Requirements 2012 prior to the commencement of work.

5. Prior to work commencing, a clean-up operation shall be undertaken for the removal of unexploded

~~ordinance at the site. A comprehensive unexploded ordnance (UXO) detection shall be made by a suitably qualified UXO professional(s) to identify specific targets for excavation and flag them in the site for subsequent removal. The suitably qualified UXO professional shall sign-off the area when it is free from unexploded ordnance.~~

~~Note: Removal and disposal of detected UXO shall be carried out in coordination with the New Zealand Police Force and Defence Force in accordance with the Protocol for UXO of the Contaminated Land Management Plan.~~

~~6. Detailed Site Investigation shall take place after the area is signed-off as free from unexploded ordnance and before any soil disturbance has taken place. The detailed site investigation and reporting must be in accordance with definition of Clause 3 of the Resource Management (National Environmental Standards for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011. The investigation shall include site sampling and laboratory analysis appropriate to the historical activities and industries in the preliminary site investigation Technical report No. 16 – Contaminated Land Assessment, Transmission Gully Project, prepared by Aurecon New Zealand dated 2011.~~

~~7. Soil disturbance shall be undertaken in accordance with the following site specific environmental plans:~~

- ~~• Erosion and Sediment Control Plan certified by the Greater Wellington Regional Council;~~
- ~~• Contaminated Land Management Plan; certified by the Greater Wellington Regional Council;~~
~~and~~
- ~~• Construction Air Quality (Dust) Management Plan.~~

~~Note: the above plans are required by relevant conditions of resource consents and notice of requirements granted by the Board of Inquiry to the New Zealand Transport Agency.~~

~~8. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present on site whenever soil is disturbed to ensure that all works are undertaken in accordance with the Contaminated Land Management Plan.~~

~~9. The soil disturbed on the site shall be subject to regular validation tests. The rate of sampling shall not less than the minimum rate of 1 sample per 200m³. The samples shall be submitted for chemical characterisation according to the criteria to be agreed upon by the Council and consent holder following the completion of the Detailed Site Investigation to be undertaken under Condition 6 (above).~~

~~10. The disturbed soil on the site (unless it is tested and found to meet clean fill criteria) may be used as fill material, provided the following provisions are satisfied:~~

- ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the Council; or~~
- ~~• Placed underneath the roadway within the Transmission Gully main alignment or its link roads;~~

or

- ~~Retained anywhere within the site subject of this consent;~~

~~and provided all soil disturbance is undertaken in accordance with the requirements of the Contaminated Land Management Plan.~~

~~Note: Condition E.28 of consents RC 1 to RC 3 granted by Board of Inquiry will need to be amended to allow disturbed contaminated soil meeting clean fill criteria to be used as fill material.~~

- ~~11. The disturbed soil shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~
- ~~12. Where the contaminated soil materials meeting clean fill criteria are used for stockpiling for roading materials, the stockpiles shall be located within the Transmission Gully Designation, and the stockpiles shall be well consolidated and isolated on site by containment by a properly designed barrier that is both erosion resistant and will not dust and soil particles to be blown into the air.~~
- ~~13. The materials placed for road use shall be surveyed following placement and the survey records shall be included within the Contaminated Land Management Plan and the Construction Management Plan.~~
- ~~14. If the Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary, the contaminated soil shall be disposed of at an appropriately consented facility (except materials meeting clean fill criteria).~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site.~~
- ~~15. The conditions of the consent may be reviewed by the Council Resource Consent Manager pursuant to Section 128 of the Act by giving notice pursuant to Section 129, two years after the commencement of the Consent, again five years after the commencement of the consent and every five years thereafter.~~
- ~~16. Should a waahi tapu or other cultural site is unearthed during earthworks the contractor and/or owner shall:~~
 - ~~(a) cease operations;~~
 - ~~(b) inform local iwi;~~
 - ~~(c) inform the NZ Historic Places Trust (NZHPT) and apply for an appropriate authority if required;~~

~~and~~
 - ~~(d) take appropriate action, after discussion with the NZHPT, Council and Iwi to remedy damage or restore the site.~~

~~15. Note: In accordance with the Historic Places Act 1993, where archaeological site is present (or~~

uncovered), an authority from the NZ Historic Places Trust is required if the site is to be modified in any way.

Advice Notes

- ~~• All costs arising from any of the above conditions shall be borne by the consent holder.~~
- ~~• Under section 125 of the Resource Management Act 1991, this resource consent will lapse in five years, unless it is given effect to within that time.~~
- ~~• Prior to work commencing, the Site Specific Environmental Management Plan (SSEMP) meeting the requirements of the consent conditions G.26 granted by the Board of Inquiry to New Zealand Transport Agency should be submitted and certified by the relevant Council(s).~~

KCDC: NES (Contaminated Soils), Sang Sue (RM130160)

General Information

Location of Activity: 347 State Highway 1, Paekakariki (Part Lot 4 DP 4269)

Description of Activity: Land use consent to disturb soil in accordance with regulation 11 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

Decision: Granted subject to conditions on 3 October 2013

Conditions (as imposed under Section 108 of the Resource Management Act 1991):

- ~~1. The proposed activity shall be undertaken in general accordance with the plans and other information supplied by the applicant and held on Council file RM130160, except where modified by conditions of consent.~~
- ~~2. The consent holder shall notify the Council's Compliance Officer in writing 48 hours before the works begin. The consent holder shall fill out and return (by Fax 04-296-4830 or Private Bay 60601, Paraparaumu 5254) the form attached to the decision.~~
- ~~3. The consent holder shall pay the following Council Engineering Fees within one month after the issue of consent:
 - ~~• \$228 (GST inclusive) for the review of the application; and~~
 - ~~• \$226 (GST inclusive) for the site inspection and consent compliance monitoring, for the first 2 hours spent by the Council.~~Extra fees may apply in accordance with the Engineering Fees Schedule adopted by Council from 1 July 2013. The current charge out rate is \$114 per additional hour thereafter the first 2 hours.~~
- ~~4. The consent holder shall advise Council's Compliance Officer of the names of the Developer's or Owner's Representative or Representatives appointed in terms of Clause B(ii) of Part 3 of the Kapiti Coast District Council Subdivision and Development Principles and Requirements 2012 prior to the commencement of work.~~
- ~~5. Soil disturbance shall be undertaken in accordance with the following site specific environmental plans:
 - ~~• Erosion and Sediment Control Plan certified by the Greater Wellington Regional Council;~~
 - ~~• Contaminated Land Management Plan; certified by the Greater Wellington Regional Council;~~
~~and~~
 - ~~• Construction Air Quality (Dust) Management Plan.~~~~

Note: the above plans are required by relevant conditions of resource consents and notice of

~~requirements granted by the Board of Inquiry to the New Zealand Transport Agency.~~

~~6. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present on site whenever soil is disturbed to ensure that all works are undertaken in accordance with the Contaminated Land Management Plan.~~

~~7. The soils disturbed within the consented area on the site shall be subject to regular validation verification tests. The rate of sampling shall not be less than the minimum rate of 1 sample per 200m². The samples shall be submitted to an IANZ accredited laboratory for the analysis of Arsenic, Cadmium, Chromium, Copper and Lead. The analytical results shall be assessed against the applicable Commercial/Industrial Soil Contaminant Standards for the analytes for chemical characterisation according to the criteria to be agreed upon by the Council and consent holder following the completion of the Detailed Site Investigation to be undertaken under Condition 6 (above). **NOTE: Condition 7 amended on 29/07/2015 and 10/08/2015 pursuant to Section 133A of the Resource Management Act 1991.**~~

~~8. The disturbed soil on the site (unless it is tested and found to meet clean fill criteria) may be used as fill material, provided the following provisions are satisfied:~~

- ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the Council; or~~
- ~~• Placed underneath the roadway within the Transmission Gully main alignment or its link roads;~~
- ~~or~~
- ~~• Retained anywhere within the site subject of this consent~~

~~and provided all soil disturbance is undertaken in accordance with the requirements of the Contaminated Land Management Plan.~~

~~Note: Condition E.28 of consents RC 1 to RC 3 granted by Board of Inquiry will need to be amended to allow disturbed contaminated soil meeting clean fill criteria to be used as fill material.~~

~~9. The disturbed soil shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~

~~10. Where the contaminated soil materials meeting clean fill criteria are used for stockpiling for roading materials, the stockpiles shall be located within the Transmission Gully Designation, and the stockpiles shall be well consolidated and isolated on site by containment by a properly designed barrier that is both erosion resistant and will not dust and soil particles to be blown into the air.~~

~~11. The materials placed for road use shall be surveyed following placement and the survey records shall be included within the Contaminated Land Management Plan and the Construction Management Plan.~~

~~12. If the Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary,~~

~~the contaminated soil shall be disposed of at an appropriately consented facility (except materials meeting clean fill criteria).~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site.~~

~~13. The conditions of the consent may be reviewed by the Council Resource Consent Manager pursuant to Section 128 of the Act by giving notice pursuant to Section 129, two years after the commencement of the Consent, again five years after the commencement of the consent and every five years thereafter.~~

~~14. Should a waahi tapu or other cultural site is unearthed during earthworks the contractor and/or owner shall:~~

~~(a) cease operations;~~

~~(b) inform local iwi;~~

~~(c) inform the NZ Historic Places Trust (NZHPT) and apply for an appropriate authority if required;
and~~

~~(d) take appropriate action, after discussion with the NZHPT, Council and iwi to remedy damage or restore the site.~~

~~Note: In accordance with the Historic Places Act 1993, where archaeological site is present (or uncovered), an authority from the NZ Historic Places Trust is required if the site is to be modified in any way.~~

Advice Notes

- ~~• All costs arising from any of the above conditions shall be borne by the consent holder.~~
- ~~• Under section 125 of the Resource Management Act 1991, this resource consent will lapse in five years, unless it is given effect to within that time.~~
- ~~• Prior to work commencing, the Site Specific Environmental Management Plan (SSEMP) meeting the requirements of the consent conditions G.26 granted by the Board of Inquiry to New Zealand Transport Agency should be submitted and certified by the relevant Council(s).~~

PCC: NES (Contaminated Soils), 37 Kenepuru Drive (RC6540-LU0084/13)

General Information

Location of Activity: 37 Kenepuru Road (Lot 1 DP 48357).

Description of Activity: Land use consent to disturb soil in accordance with regulation 11 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

Decision: Granted subject to conditions on 1 October 2013

Conditions (as imposed under Section 108 of the Resource Management Act 1991):

- ~~1. That the development be in general accordance with the information and plans submitted with the application and held on Council file RC6540 and stamped 'Approved Plans for Resource consent RC6540' (Ref: 'Transmission Gully Project Sites Requiring Assessment under NES for Soil dated August 2013 Project 1378203187 & 'Transmission Gully Project: Investigated Contaminated Land 37 Kenepuru Drive dated August 2013, 2E). Minor alterations may be approved upon request providing the development is not materially different, the scale and intensity of adverse effects will be no greater, and no approval from affected persons is needed.~~
- ~~2. The consent holder shall provide a copy of this consent and any documents referred to in this consent to each operator or contractor undertaking works authorised by this consent, before that operator or contractor starts any works.~~
- ~~3. The consent holder shall ensure that a copy of this consent is kept in the office on site at all times and presents to any Porirua City Council officer on request.~~
- ~~4. Prior to any soil disturbance on the application site a Detailed Site Investigation shall be approved by the Greater Wellington Regional Council. The detailed site investigation is to be in accordance with Regulations 3 & 7 of the Resource Management (National Environmental Standards for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011. The Detailed Site Investigation is to recommend appropriate methods to be implemented to mitigate the risk on human health and safety to an acceptable standard under the NES.~~
- ~~5. The recommended mitigation measures in the DSI submitted in accordance with condition 4 shall be implemented as part of the Contaminated Land Management Plan which is to be certified by the~~

~~GWRC, prior to any soil disturbance on the application site.~~

~~6. Soil disturbance shall be undertaken in accordance with the following site specific plans:~~

- ~~• Erosion and Sediment Control Plan certified by the Greater Wellington Regional Council;~~
- ~~• Contaminated Land Management Plan; certified by the Greater Wellington Regional Council; and~~
- ~~• Construction Air Quality (Dust) Management Plan.~~

~~Note: the above plans are required by relevant conditions of resource consents and notice of requirements granted by the Board of Inquiry to the New Zealand Transport Agency.~~

~~7. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present at the subject site whenever soil is disturbed to ensure that all works are undertaken in accordance with the Contaminated Land Management Plan.~~

~~8. Soil disturbed at the site shall be subject to a regular validation tests. The rate of sampling is not to be less than the minimum of rate of 1 sample per 200m³. Validation testing is to comply with commercial/industrial criteria for land use as set out within the Guidelines for assessing and managing contaminated sites in New Zealand, Ministry for the Environment, Wellington.~~

~~9. The disturbed soil at the application site (unless it is tested and found to meet cleanfill criteria) shall be used as fill to provided the following provisions satisfied:~~

- ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the Council; or~~
- ~~• Placed underneath the roadway within the Transmission Gully main alignment or its link roads; or~~
- ~~• Retained anywhere within the site subject of this consent;~~

~~and provided all soil disturbance is undertaken in accordance with the requirements of the Contaminated Land Management Plan.~~

~~10. The disturbed soil at the application site shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~

~~11. Soil disturbed on the site (unless it is tested and found to meet cleanfill criteria) shall be surveyed following placement and the survey records are to be included within the Contaminated Land Management Plan and the Construction Management Plan.~~

~~12. If a Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary, the contaminated soil shall be disposed of at an approved facility.~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site, and also receipts for soil disposal submitted to the Council.~~

- ~~13. All works approved by this Consent shall be completed within twelve months of the commencement of the works, unless provided for in the CLMP.~~
- ~~14. Pursuant to Section 128(1)(a) of the Resource Management Act 1991, the Porirua City Council may review the conditions of this consent at a point two years from giving effect to the consent and every 12 months thereafter. The purpose of the review is to address any adverse effects on human health which may arise from the exercise of the consent. The focus of the review shall have regard to the potential adverse effects on the activities in relation to soil disturbance on human health.~~
- ~~15. That the development be in general accordance with the information and plans submitted with the application and held on Council file RC6540 and stamped 'Approved Plans for Resource consent RC6540' (Ref: 'Transmission Gully Project Sites Requiring Assessment under NES for Soil dated August 2013 Project 1378203187 & 'Transmission Gully Project: Investigated Contaminated Land 37 Kenopuru Drive dated August 2013, 2E). Minor alterations may be approved upon request providing the development is not materially different, the scale and intensity of adverse effects will be no greater, and no approval from affected persons is needed.~~

Advice Notes

~~Section 357~~

~~Under section 357 of the Resource Management Act 1991 you have the right to object in writing to all or part of this decision. Notice of this objection must be received by the Council within 15 working days of your receipt of this decision letter.~~

~~Building Act~~

~~This is NOT a Building Consent. The Building Act 2004 contains provisions relating to the construction, alternation, and demolition of buildings. The Act requires building consents to be obtained where relevant, and for all such work to comply with the building code.~~

~~Section 125~~

~~This consent is subject to section 125 of the Resource Management Act 1991 which states that a resource consent lapses on the expiry of 5 years after the commencement of the consent, unless an extension on time is granted by the Council prior to lapsing of the consent.~~

~~Traffic Management Plan~~

~~If the intended work that is covered by this consent includes any activities within the road reserve, then a Temporary Traffic Management Plan is to be prepared by a person who is certified in accordance with Transit NZ COPTTMP, and submitted to the Roading Asset Manager-Utilities Policy for review and approval before any physical works within the road reserve are started.~~

Fees and Charges

~~Should any additional fees charged for the processing of this application or any financial contributions, levies or bonds require by conditions of this consent not be paid within the deadlines set either through invoicing or consent conditions, this could ultimately lead to Council seeking to recover money owed through the debt collection agency. Should the need arise to use a debt collection agency then the consent holder will be liable for and charged any extra expense that the debt collection service incurs.~~

~~PCC: NES(Contaminated Soils), Gun Club (RC6540-LU0085/13)~~

~~General Information~~

~~Location of Activity:~~ 140 Sievers Grove, Ranui (SEC 2 SO 368657 AND PT SECTION 1 PLAN 36634).

~~Description of Activity:~~ Land use consent to disturb soil under regulation 9 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.

~~Decision:~~ Granted subject to conditions on 1 October 2013

~~Conditions (as imposed under Section 108 of the Resource Management Act 1991):~~

- ~~1. That the development be in general accordance with the information and plans submitted with the application and held on Council file RC6540 and stamped 'Approved Plans for Resource consent RC6540' (Ref: 'Transmission Gully Project Sites Requiring Assessment under NES for Soil dated August 2013 Project 1378203187 & 'Transmission Gully Project: Investigated Contaminated Land Porirua Gun Club dated August 2013, 2D). Minor alterations may be approved upon request providing the development is not materially different, the scale and intensity of adverse effects will be no greater, and no approval from affected persons is needed.~~
- ~~2. The consent holder shall provide a copy of this consent and any documents referred to in this consent to each operator or contractor undertaking works authorised by this consent, before that operator or contractor starts any works.~~
- ~~3. The consent holder shall ensure that a copy of this consent is kept in the office on site at all times and presents to any Porirua City Council officer on request.~~
- ~~4. Soil disturbance shall be undertaken in accordance with the following site specific environmental plans:
 - ~~• Erosion and Sediment Control Plan as certified by the Greater Wellington Regional Council;~~
 - ~~• Contaminated Land Management Plan as certified by the Greater Wellington Regional Council;~~
 - ~~• and the Construction Air Quality (Dust) Management Plan.~~

~~Note: The above plans are required by relevant conditions of resource consents and notice of requirements granted by the Board of Inquiry for TGP.~~~~
- ~~5. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present at the subject site whenever soil is disturbed to ensure that all works are undertaken in accordance with the submitted Contaminated Land Management Plan.~~
- ~~6. The soil disturbed at the site shall be subject to a regular validation tests. The rate of sampling is not to~~

~~be less than the minimum of rate of 1 sample per 200m³. Validation testing is to comply with the commercial/industrial Soil Contaminant Standards for lead and benzo(a)pyrene equivalents, and the soil screening limit for antimony in commercial/industrial outdoor worker scenario set out within the current version of Supplemental guidance for developing soil screening levels for Superfund sites, USEPA, 2002.~~

~~7. The disturbed soil at the application site (unless it is tested and found to meet cleanfill criteria) shall be used as fill material, provided the following provisions are satisfied:~~

- ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the council;~~
- ~~• or Placed underneath the roadway within the Transmission Gully main alignment or its link roads; or~~
- ~~• Retained anywhere within the site subject of this consent.~~

~~And provided all soil disturbance is undertaken in accordance with the requirements of the CLMP.~~

~~8. The disturbed soil at the application site, shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~

~~9. Soil disturbed on the site (unless it is tested and found to meet cleanfill criteria) shall be surveyed following placement and the survey records are to be included within the Contaminated Land Management Plan and the Construction Management Plan.~~

~~10. If a Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary, the contaminated soil shall be disposed of at an approved facility~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site, and also receipts for soil disposal submitted to the Council.~~

~~11. The soil disturbance activities approved by this Consent shall be completed within twelve months of the commencement date.~~

~~12. Pursuant to Section 128(1)(a) of the Resource Management Act 1991, the Porirua City Council may review the conditions of this consent at a point two years from giving effect to the consent and every 12 months thereafter. The purpose of the review is to address any adverse effects on human health which may arise from the exercise of the consent. The focus of the review shall have regard to the potential adverse effects of the activities in relation to soil disturbance on human health.~~

Advice Notes

Section 357

~~Under section 357 of the Resource Management Act 1991 you have the right to object in writing to all or part of this decision. Notice of this objection must be received by the Council within 15 working days of your receipt of this decision letter.~~

Building Act

~~This is NOT a Building Consent. The Building Act 2004 contains provisions relating to the construction, alternation, and demolition of buildings. The Act requires building consents to be obtained where relevant, and for all such work to comply with the building code.~~

Section 125

~~This consent is subject to section 125 of the Resource Management Act 1991 which states that a resource consent lapses on the expiry of 5 years after the commencement of the consent, unless an extension on time is granted by the Council prior to lapsing of the consent.~~

Traffic Management Plan

~~If the intended work that is covered by this consent includes any activities within the road reserve, then a Temporary Traffic Management Plan is to be prepared by a person who is certified in accordance with Transit NZ COPTTMP, and submitted to the Roading Asset Manager Utilities Policy for review and approval before any physical works within the road reserve are started.~~

Fees and Charges

~~Should any additional fees charged for the processing of this application or any financial contributions, levies or bonds require by conditions of this consent not be paid within the deadlines set either through invoicing or consent conditions, this could ultimately lead to Council seeking to recover money owed through the debt collection agency. Should the need arise to use a debt collection agency then the consent holder will be liable for and charged any extra expense that the debt collection service incurs.~~

~~PCC: NES (Contaminated Soils), Pauatahanui Garden Supplies (RC6540-LU0086/13)~~

~~General Information~~

~~**Location of Activity:** Pauatahanui Inlet Garden Supplies Site on Bradey, Pauatahanui (PT LOT 2 DP 76425, SEC 1 SO 381167 & SEC SO 38167)~~

~~**Description of Activity:** Land use consent to disturb soil under regulation 9 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.~~

~~**Decision:** Granted subject to conditions on 1 October 2013~~

~~Conditions (as imposed under Section 108 of the Resource Management Act 1991):~~

~~1. That the development be in general accordance with the information and plans submitted with the application and held on Council file RC6540 and stamped 'Approved Plans for Resource consent RC6540' (Ref: 'Transmission Gully Project Sites Requiring Assessment under NES for Soil dated August 2013 Project 1378203187 & 'Transmission Gully Project: Investigated Contaminated Land Pauatahanui Inlet Garden Supply dated August 2013, 2B). Minor alterations may be approved upon request providing the development is not materially different, the scale and intensity of adverse effects will be no greater, and no approval from affected persons is needed.~~

~~2. The consent holder shall provide a copy of this consent and any documents referred to in this consent to each operator or contractor undertaking works authorised by this consent, before that operator or contractor starts any works.~~

~~3. The consent holder shall ensure that a copy of this consent is kept in the office on site at all times and presents to any Porirua City Council officer on request.~~

~~4. Soil disturbance shall be undertaken in accordance with the following site specific environmental plans:~~

- ~~• Erosion and Sediment Control Plan as certified by the Greater Wellington Regional Council;~~
- ~~• Contaminated Land Management Plan as certified by the Greater Wellington Regional Council;~~
- ~~• and the Construction Air Quality (Dust) Management Plan.~~

~~Note: The above plans are required by relevant conditions of resource consents and notice of requirements granted by the Board of Inquiry for TGP.~~

~~5. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present at the subject site whenever soil is disturbed to ensure that all~~

~~works are undertaken in accordance with the submitted Contaminated Land Management Plan.~~

~~6. The soil disturbed at the application shall be subject to a regular validation tests. The rate of sampling is not to be less than the minimum of rate of 1 sample per 200m³. Validation testing is to comply with commercial/industrial criteria for total petroleum hydrocarbons set out within the Guidelines for assessing and managing petroleum hydrocarbon contaminated sites in New Zealand, Ministry for the Environment, Wellington, 1999.~~

~~7. The disturbed soil at the application site (unless it is tested and found to meet cleanfill criteria) shall be used as fill provided the following provisions are satisfied:~~

- ~~• Remediated by way of stabilisation or encapsulation to the satisfaction of the council; or~~
- ~~• Placed underneath the roadway within the Transmission Gully main alignment or its link roads; or~~
- ~~• Retained anywhere within the site subject of this consent.~~

~~And provided all soil disturbance is undertaken in accordance with the requirements of the CLMP.~~

~~8. The disturbed soil at the application site shall be placed or promptly covered in such a way as to ensure it remains in an erosion-resistant state and will not generate dust and soil particles into the air.~~

~~9. Soil disturbed on the site (unless it is tested and found to meet cleanfill criteria) shall be surveyed following placement and the survey records are to be included within the Contaminated Land Management Plan and the Construction Management Plan.~~

~~10. If a Detailed Site Investigation has assessed that disposal off-site of contaminated soil is necessary, the contaminated soil shall be disposed of at an approved facility~~

~~Note: A copy of the waste disposal permit for the disposal of the contaminated soil shall be provided to the Council prior to the removal of soil from the site, and also receipts for soil disposal submitted to the Council.~~

~~11. The soil disturbance activities approved by this Consent shall be completed within twelve months of the commencement date.~~

~~12. Pursuant to Section 128(1)(a) of the Resource Management Act 1991, the Porirua City Council may review the conditions of this consent at a point two years from giving effect to the consent and every 12 months thereafter. The purpose of the review is to address any adverse effects on human health which may arise from the exercise of the consent. The focus of the review shall have regard to the potential adverse effects of the activities in relation to soil disturbance on human health.~~

Advice Notes

Section 357

~~Under section 357 of the Resource Management Act 1991 you have the right to object in writing to all or part of this decision. Notice of this objection must be received by the Council within 15 working days of your receipt of this decision letter.~~

Building Act

~~This is NOT a Building Consent. The Building Act 2004 contains provisions relating to the construction, alternation, and demolition of buildings. The Act requires building consents to be obtained where relevant, and for all such work to comply with the building code.~~

Section 125

~~This consent is subject to section 125 of the Resource Management Act 1991 which states that a resource consent lapses on the expiry of 5 years after the commencement of the consent, unless an extension on time is granted by the Council prior to lapsing of the consent.~~

Traffic Management Plan

~~If the intended work that is covered by this consent includes any activities within the road reserve, then a Temporary Traffic Management Plan is to be prepared by a person who is certified in accordance with Transit NZ COPTTMP, and submitted to the Roading Asset Manager-Utilities Policy for review and approval before any physical works within the road reserve are started.~~

Fees and Charges

~~Should any additional fees charged for the processing of this application or any financial contributions, levies or bonds require by conditions of this consent not be paid within the deadlines set either through invoicing or consent conditions, this could ultimately lead to Council seeking to recover money owed through the debt collection agency. Should the need arise to use a debt collection agency then the consent holder will be liable for and charged any extra expense that the debt collection service incurs.~~

PCC/WCC: NES (Contaminated Soils), Kenepuru Interchange (WCC: SR333841, PCC: RC6892, LU0056/15)

General Information

Location of Activity: ~~Along the margins and within the median strip of State Highway 1 (Johnsonville-Porirua Motorway), near the proposed Kenepuru Interchange. (WCC Designation H9 — Transmission Gully Main Alignment. PCC Designation K408 — Transmission Gully Route (BOI 2012) and K409 — Transmission Gully Kenepuru Link Road (BOI 2012)).~~

Description of Activity: ~~Land use consent to disturb soil under regulation 11 of the Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011.~~

Decision: ~~Granted subject to conditions on 21 July 2015.~~

Conditions (as imposed under Section 108 of the Resource Management Act 1991):

~~1. That the works must be in general accordance with the information and plans submitted with the application held on Porirua City Council file RC6892 and Wellington City Council file SR333841 stamped 'Approved Plans for Resource Consent' (Ref: 'Land Use Consent Application and Assessment of Effects on the Environment Transmission Gully Project — Works on Margins of State Highway One, Kenepuru' by Golder Associates, dated June 2015).~~

~~Note: Minor alterations may be approved upon request provided that the works are not materially different, the scale and intensity of adverse effects will be no greater, and no approval from affected persons is needed.~~

~~2. The consent holder shall provide a copy of this consent and any documents referred to in this consent to each operator or contractor undertaking works authorised by this consent, before that operator or contractor starts any works.~~

~~3. The consent holder shall ensure that a copy of this consent is kept on site at all times, and presented to either the Porirua City Council or Wellington City Council compliance monitoring officer on request.~~

~~4. No soil may be disturbed on the application site until revisions to the Contaminated Land Management Plan (CLMP), as required by the Board of Inquiry conditions of consent, which address the application site are certified by the Greater Wellington Regional Council. The CLMP is to include appropriate methods to be implemented to mitigate the risk to human health to an acceptable standard under this NES consent. Evidence that this certification has occurred shall be provided to the Porirua City Council and Wellington City Council compliance monitoring officer.~~

~~5. The consent holder must implement the mitigation measures in the Greater Wellington Regional Council certified CLMP submitted in accordance with condition 4 throughout the construction period.~~

~~6. Soil disturbance must be undertaken in accordance with the following site specific environmental plans:~~

- ~~• Erosion and Sediment Control Plan as certified by the Greater Wellington Regional Council;~~
- ~~• Contaminated Land Management Plan as certified by the Greater Wellington Regional Council and;~~
- ~~• the Construction Air Quality (Dust) Management Plan.~~

~~Note: The above plans are required by relevant conditions of resource consents and designations granted by the Board of Inquiry for TGP.~~

~~7. Soil disturbed at the site shall be subject to regular verification tests. The rate of sampling shall not be less than the minimum rate of 1 sample per 200m³. The samples shall be submitted to an IANZ accredited laboratory for analysis in accordance with the CLMP, and as a minimum the levels of lead must be analysed. The verification testing must evaluate compliance with commercial/industrial criteria for land use as set out within the NES.~~

~~8. A suitably qualified contaminated land technician, working under the guidance of a suitably qualified and experienced practitioner, shall be present at the subject site whenever soil is disturbed to verify that all works are undertaken in accordance with the CLMP.~~

~~9. The unexpected discovery of contaminated material must be managed in accordance with the CLMP. If contaminated material is discovered, notification of its discovery must be made to the Wellington City Council and/or Porirua City Council compliance monitoring officer, subject to under which jurisdiction the discovery occurs, and the Greater Wellington Regional Council.~~

~~10. The disturbed soil at the application site (unless it is tested and found to meet cleanfill criteria or removed in compliance with Condition 13) may be used as on-site fill, provided the following provisions are satisfied:~~

- ~~• It is remediated by way of stabilisation or encapsulation to the satisfaction of the Wellington City Council and/or Porirua City Council compliance monitoring officer, subject to whichever jurisdiction the discovery occurs under; or~~
- ~~• It is placed underneath the roadway within the Transmission Gully main alignment or its link roads; or~~
- ~~• It is retained anywhere within the site subject of this consent;~~

~~and provided all soil disturbance is undertaken in accordance with the requirements of the CLMP.~~

~~11. The disturbed soil must be placed or promptly covered in such a way as to ensure it remains in an~~

~~erosion-resistant state and will not release dust or soil particles into the air.~~

~~12. Soil disturbed on the site (unless it is tested and found to meet clean fill criteria) shall be surveyed following placement. The survey records are to be included within the CLMP and the Site Specific Environmental Management Plan(s) in which the application site(s) is located and must be provided for their records to the Wellington City Council and/or Porirua City Council compliance monitoring officer, subject to under which jurisdiction the placement occurs, within three months of completion of site works.~~

~~Note: The Site Specific Environmental Management Plan(s) is required to be prepared under condition G.26 of the General Conditions — NZTA Resource Consents and are required to be certified by the relevant Territorial Authority in respect of their statutory functions, as well as the Greater Wellington Regional Council.~~

~~13. If sampling undertaken during the works has assessed that the off-site disposal of contaminated soil is necessary, the contaminated soil shall be disposed of at an approved facility.~~

~~Note: A copy of the waste disposal permit for the disposal of contaminated soil shall be provided to the Wellington City Council and/or Porirua City Council compliance monitoring officer, subject to under which jurisdiction the discovery occurs, prior to the removal of soil from the site, and the receipts for the soil disposal must be submitted to the relevant compliance monitoring officer(s) following disposal.~~

~~14. Pursuant to section 128(1)(a) of the Resource Management Act 1991, the Porirua City Council and/or Wellington City Council may review the conditions of this consent at a point two years from giving effect to the consent and every 12 months thereafter. The purpose of the review is to address any adverse effects on human health which may arise from the exercise of the consent. The focus of the review shall have regard to the potential adverse effects of the activities in relation to soil disturbance on human health.~~

~~15. The conditions of this resource consent must be met to the satisfaction of the Wellington City Council and/or Porirua City Council compliance monitoring officer. The Compliance Monitoring Officer (WCC and/or PCC) will visit the site to monitor the conditions, with more than one site visit where necessary. The consent holder must pay to the relevant Council the actual and reasonable costs associated with the monitoring of conditions (or review of consent conditions), or supervision of the resource consent as set in accordance with section 36 of the Act. These costs* may include site visits, correspondence and other activities, the actual costs of materials or services, including the costs of consultants or other reports or investigations which may have to be obtained.~~

~~* Please refer to the relevant council's current schedule of Resource Management Fees for guidance on the current administration charge and hourly rate chargeable for Council officers~~

Advice Notes

~~1. Where appropriate, the Councils may agree to reduce the required monitoring charges where the consent holder will carry out appropriate monitoring and reporting back to the Councils.~~

~~2. This is NOT a Building Consent. The Building Act 2004 contains provisions relating to the construction, alteration, and demolition of buildings. The Act requires building consents to be obtained where relevant, and for all such work to comply with the building code.~~

~~3. If these works also require the consent of GWRC then this consent should not be given effect to until GWRC consent has also been granted.~~

~~4. No buildings, vehicles, materials or debris associated with construction may be kept on land administered by the Councils, including the road, without prior approval from the Councils.~~

~~5. It is possible that archaeological sites may be affected by the proposed work. Evidence of archaeological sites may include burnt and fire-cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. The applicant is advised to contact Heritage New Zealand if the presence of an archaeological site is suspected. Work affecting archaeological sites is subject to a consent process under the Heritage New Zealand Pouhere Taonga Act 2014. If any activity associated with this proposal, such as building modification or demolition, earthworks, fencing or landscaping, may modify, damage or destroy any archaeological site(s), an authority (consent) from Heritage New Zealand must be obtained for the work to proceed lawfully. The Heritage New Zealand Pouhere Taonga Act 2014 contains penalties for unauthorised site damage. The work must also be carried out in accordance with Appendix A (Heritage Management Plan) of the approved Outline Plan, if applicable to the site.~~

~~6. Rights of objection to the conditions specified above may be exercised by the consent holder pursuant to section 357A of the Act. Any objection shall be made in writing, setting out the reasons for the objection within 15 working days of this notification or within such extended period as the Porirua City Council and Wellington City Council in any special case may allow.~~

~~Conditions of LHJV Resource Consents~~

~~GWRC: Two Pipelines under Bed of Pauatahanui Stream and Tributary (RM150269)~~

~~General Information~~

~~**Location of Activity:** Transmission Gully Lanes Flat site compound — 36 Paremata Haywards Road, Pauatahanui, Porirua, 86 & 86A Joseph Banks Drive, Whitby.~~

~~At or about map references NZTM 1760817.28, 5447376.76 (pipe crossing underneath Pauatahanui Stream), NZTM 1760721.44, 5447446.62 (pipe crossing underneath tributary)~~

~~**Description of Activity:** To place two pipelines (water and sewer) under the bed of the Pauatahanui Stream and an unnamed tributary~~

~~**Decision:** Granted subject to conditions on 21 July 2015.~~

~~**Duration of Consent:** 2 July 2050~~

~~**Conditions (as imposed under Section 108 of the Resource Management Act 1991) & Standards and Terms:**~~

Attachment 1: Consent conditions for WGN150269 [33516]

General conditions

1. The location, design, implementation and operation of the activity shall be in general accordance with the consent application and its associated plans and documents lodged with the Wellington Regional Council:

- 19 May 2015 (lodged application)
- 9 June 2015 (preliminary response to s.92 request via email)
- 19 June 2015 (final response to s.92 request via electronic transmittal)

For the avoidance of doubt, where information contained in the application is contrary to conditions of this consent, the conditions shall prevail.

Note: Any change from the location, design concepts and parameters, implementation and/or operation may require a new resource consent or a change of consent conditions pursuant to section 127 of the Resource Management Act 1991.

2. The Manager, Environmental Regulation, Wellington Regional Council, shall be given a minimum of two working days (48 hours) notice prior to the works commencing.

Note: Notifications must be emailed to notifications@gw.govt.nz. Please include the consent reference WGN150269 and the name and phone number of a contact person responsible for the proposed works.

3. The consent holder shall provide a copy of this consent and any documents and plans referred to in this consent to each operator or contractor that is undertaking works authorised by this consent, prior to the works commencing.

Note: It is recommended that the contractors be verbally briefed on the requirements of the conditions of this consent prior to works commencing.

4. The consent holder shall arrange and conduct a pre-construction site meeting prior to any work authorised by this consent commencing on-site and invite, with a minimum of 10 working days' notice, the Wellington Regional Council and the contractor undertaking the works.

Note: In the case that any of the invited parties, other than the representative of the consent holder, does not attend this meeting, the consent holder will have complied with this condition, provided the invitation requirement is met.

5. The consent holder shall ensure that a copy of this consent and all documents and plans referred to in this consent, are kept on site at all times and presented to any Wellington Regional Council officer on request.

Depth of pipelines and as-built plans

6. The consent holder shall ensure the pipelines are laid at least five (5) metres below the thalweg of the Pauatahanui Stream and at least one (1) metre below the thalweg of the unnamed tributary on Lot 2 DP 91030.

As-built plans

7. The consent holder shall ensure that as-built plans are prepared by a suitably qualified and experienced engineer, and submitted to the Manager, Environmental Regulation, Wellington Regional Council, within 30 working days after the completion of works authorised by this consent to show compliance with **Condition 6** above. The as-built plans shall contain the following detail:
 - a) A scaled plan showing the final location and alignment of the water supply and sewage pipelines
 - b) A cross-section plan showing the depth of the pipelines beneath the Pauatahanui Stream and unnamed tributary on Lot 2 DP 91030

Site Specific Construction Erosion and Sediment Control Plan

8. The consent holder shall submit a Site Specific Construction Erosion and Sediment Control Plan (CESCP) to the Manager, Environmental Regulation, Wellington Regional Council, for certification at least 10 working days prior to commencement of the works authorised by this consent.

The CESCP shall contain, but need not be limited to, the following details:

- A Final Construction Methodology prepared in conjunction with the contractor undertaking the works
- Details of all proposed erosion and sediment control measures
- A scaled plan and cross-section showing the final alignment of the pipelines
- Bunding and secondary containment device details
- Details and locations of specific containment facilities for drilling fluid
- A contingency plan that details contingencies for drill fluid return loss, steering offline, and any other situation which may result in adverse effects on the Pauatahanui Stream or the unnamed tributary.

No works shall commence until the consent holder has received written notification that the CESCP has been certified by the Manager, Environmental Regulation, Wellington Regional Council.

9. The consent holder shall install, operate and maintain all erosion and sediment control measures in accordance with the certified CESCP and as a minimum the *Wellington Regional Council Erosion and Sediment Control Guidelines for the Wellington Region*.

10. Where a change to the CЕСCP is considered necessary, the consent holder may request amendments to the CЕСCP by submitting the amendments in writing for certification of the Manager, Environmental Regulation, Wellington Regional Council. The amendments sought shall not be implemented until the consent holder has received the certification of the Manager, Environmental Regulation, Wellington Regional Council.
11. All erosion and sediment control measures shall remain the responsibility of the consent holder.
12. Notwithstanding the requirements of the other conditions of this consent, the consent holder shall at all times take all practicable steps for preventing erosion and/or minimising the discharge of contaminants, and the increased turbidity to any water body during works authorised by this consent.
13. The consent holder shall notify the Manager, Environmental Regulation, Wellington Regional Council, within 24 hours if any contaminants (including sediment and drilling fluid) are released from the works site and enter a water body, due to any of the following:
 - a) Discharges that are not treated by sediment control measures identified in the application
 - b) Failure of any sediment control measures; or
 - c) Any other incident which either directly or indirectly causes or is likely to cause adverse ecological effects on water bodies.

Reducing effects on water quality

14. The consent holder shall take all steps to minimise sedimentation and increased turbidity of the Pauatahanui Stream and the unnamed tributary on Lot 2 DP 91030 during the works, including but not limited to:
 - a) Completing all works in the minimum time practicable
 - b) Minimising the area of disturbance at all times
 - c) Avoiding the placement of construction or excavated material in the wetted channel, and
 - d) Installing appropriate sediment control and treatment measures
15. The consent holder shall ensure that:
 - a) All machinery is thoroughly cleaned of vegetation (e.g., weeds), seeds or contaminants at least 10 metres away from any watercourse, water flow channel or stormwater system, prior to entering the site

- b) All machinery shall be regularly maintained in such a manner to ensure no contaminants (including but not limited to oil, petrol, diesel, hydraulic fluid) shall be released into water, or to land where it may enter water, from equipment being used for the works
- c) All contaminant storage or re-fuelling areas are bunded or contained in such a manner so as to prevent the discharge of contaminants to water or to land where it may enter water
- d) No machinery is cleaned, stored or refuelled within 10 metres of any water body, water flow channel or stormwater system

16. In the event of a spill of fuel, hydraulic fluid, or other potential liquid contaminants, immediate steps shall be taken to contain the spilt contaminant. The spilt contaminants and any material used to contain it shall be removed from the site and disposed of at authorised landfill. The consent holder shall also immediately notify the Manager, Environmental Regulation, Wellington Regional Council of the spill and actions to be taken.

Photographic records

17. The consent holder shall compile photographic records of the reach of the Pauatahanui Stream and the unnamed tributary in the location of works authorised by this consent. This shall include, but not be limited to, photographs of the following items:

- a) The Pauatahanui Stream and unnamed tributary prior to the works commencing during clear flows
- b) The Pauatahanui Stream and unnamed tributary during the works
- c) The Pauatahanui Stream and unnamed tributary immediately upon the completion of the works (within one week) during clear flows

The photographic record of items identified in (a), (b) and (c) shall be kept by the consent holder and made available to the Manager, Environmental Regulation, Wellington Regional Council upon request.

All requested photographs shall include:

- The date and time the photographs were taken
- A description of what aspect of the works the photograph relates to

Note 1: The photographic record should demonstrate compliance with the conditions of this consent.

Discovery of artefacts

18 If koiwi, taonga or other archaeological material is discovered in any area during the works, work shall immediately cease and the consent holder shall

contact Ngati Toa Rangitira, Heritage New Zealand, and Wellington Regional Council within twenty-four hours. If human remains are found, the New Zealand Police shall also be contacted. The consent holder shall allow the above parties to inspect the site and in consultation with them, identify what needs to occur before work can resume.

Note: Evidence of archaeological material may include burnt stones, charcoal, rubbish heaps, shell, bone, old building foundations, artefacts and human burials.

Completion of works

19. All works affecting the works site including tidy up on completion of the works, shall be completed to the satisfaction of the Manager, Environmental Regulation, Wellington Regional Council.

Standards and Terms under Rule 46 of the Regional Freshwater Plan for the Wellington Region

Standards

- (1) No contaminants (including but not limited to oil, petrol, diesel, paint, or solvent) shall be released to water from equipment being used for the operation, and no refueling of equipment shall take place on any area of river or lake bed.
- (2) Any excess material from the construction operation, shall be removed from the river or lake bed and disposed of in an appropriate manner.
- (3) In any part of the river or lake bed covered by water in any water body identified in Policy 4.2.14 (Appendix 4 Water bodies with important trout habitat), the activity shall not take place between 31 May and 31 August.

Terms

- (1) The consent holder shall notify either the Manager, Consents Management, Wellington, or the Manager, Planning and Resources, Wairarapa, at least two working days before any work commences.
- (2) A charge, set in accordance with section 36(2) of the Act, shall be paid to the Wellington Regional Council for carrying out its functions in relation to the administration, monitoring, and supervision of the activity, and for carrying out its functions under section 35 (duty to gather information, monitor and keep records) of the Act.