

## Proposed Plan Change 1 to the Natural Resources Plan – List of Abbreviation of Terms and Submitter Names

This document provides a list of all abbreviations of terms and submitter names that are used throughout the Section 42A hearing reports for PC1. This document will be updated as required for each hearing stream as the hearings progress.

*Updated: 28 March 2025*

**Table 1: Abbreviations of terms**

<b>Abbreviation</b>	<b>Means</b>
AF	Assessment Factor
ANZG	Australian and New Zealand Guidelines for Fresh and Marine Water Quality
aRPD	Apparent Redox Potential Discontinuity layer
ASPM	Macroinvertebrate Average Score Per Metric
AVS	Acid volatile sulphides
BAU	Business as usual
BSP	Biophysical science program
CAU	Coastal assessment units
CDOM	Coloured dissolved organic matter
CDOM	Coloured dissolved organic matter
CEnvP	Certified Environmental Practitioner
CFU	Colony forming units
CLM	Contaminant Load Modelling
CLUES	Catchment Land Use for Environmental Sustainability
CMA	Coastal Marine Area
CMP	Collaborative Modelling Project
CREST	Coastal Receiving Environment Scenario Tool
CRI	Crown Research Institutes
CSG	Collaborative Stakeholder Group

<b>Abbreviation</b>	<b>Means</b>
CSR	Current sedimentation rates
Cu	Copper
CWMU	Coastal water management unit
DGV	Default guideline value
DSDE	Deeper subtidal dominated, longer residence time estuary
DSEDNET	Daily SEDNET Modelling
ECHA	European Chemical Agency
EH&WQ	Ecosystem Health and Water Quality
EIANZ	Environmental Institute of Australia and New Zealand
EMC	Even mean concentration
EPT	<i>Ephemeroptera</i> (Mayflies), <i>Plecoptera</i> (Stoneflies) and <i>Trichoptera</i> (Caddisflies)
EQR	Ecological quality rating
ER	Ecosystem respiration
ERC	Environmental response criteria
ETI	Estuary tropic index
FAP	Freshwater Action Plan
FHP	Freshwater Hearings Panel
F-IBI	Fish Index of Biotic Integrity
FMU	Freshwater management unit
FPI	Freshwater Planning Instrument
FPP	Freshwater Planning Process
GPP	Gross primary production
GV	Guideline value
HMW	High molecular weight
ICOLL	Intermittently closed/open lakes and lagoons

<b>Abbreviation</b>	<b>Means</b>
IMP	Improved
LAWA	Land and Water Aotearoa
LAWF	Land and Water Forum
LRF	Load reduction factor
LTP	Long Term Plan
MCI	Macroinvertebrate Community Index
MLG	Modelling Leadership Group
MRI	Minimum required improvement
MSc	Master of Science
NBL	National bottom line
NES-ETA	National Environmental Standards for Electricity Transmission Activities
NHMP	National Hydrology Modelling Platform
NIWA	National Institute of Water and Atmospheric Research
NO	Nutrient outcomes
NOEC	No Observed Effect Concentration
NOF	National Objectives Framework
NPS	National Policy Statement
NPS-ET	National Policy Statement for Electricity Transmission 2008
NPS-FM	National Policy Statement for Freshwater Management
NPS-HPL	National Policy Statement for Highly Productive Land 2022
NPS-IB	National Policy Statement for Indigenous Biodiversity 2023
NPS-REG	National Policy Statement for Renewable Electricity Generation 2011
NPS-UD	National Policy Statement on Urban Development 2020
NRP	Operative Natural Resources Plan for the Wellington Region 2023
NSR	Natural sedimentation rates

<b>Abbreviation</b>	<b>Means</b>
NTU	Nephelometric turbidity units
NZCPS	New Zealand Coastal Policy Statement
NZLRI	New Zealand Land Resource Inventory
P1S1	Part 1, Schedule 1 process of the Resource Management Act 1991
PAHs	Polycyclic aromatic hydrocarbons
PC1	Proposed Plan Change 1 to the Natural Resources Plan for the Wellington Region
Planning Standards	National Planning Standards 2019
PNEC	Predicted No Effect Concentration
PRv	Prediction of the load reduction
QMCI	Quantitative Macroinvertebrate Community Index
QMRA	Quantitative microbial risk assessment
REC	River environment classification
RPS	Operative Regional Policy Statement for the Wellington Region 2013
RPS Change 1	Proposed Change 1 to the Regional Policy Statement for the Wellington Region
RSI	Regionally significant infrastructure
RUSLE	Revised Universal Soil Loss Equation
SAR	Sediment accretion rate
SD	Standard Deviation
SDR	Sediment delivery ratio
SOE	State of the Environment
SSC	Suspended sediment concentration
SSRTRE	Shallow, short residence time tidal rivers with adjoining lagoon estuary
SSYE	Suspended Sediment Yield Estimator
TA	Territorial Authority

<b>Abbreviation</b>	<b>Means</b>
TAoP	Te Awarua-o-Porirua Whaitua
TAoP Harbour	Te Awarua-o-Porirua Harbour
TAS	Target attribute state(s)
TBI	Traits based index
the Act/RMA	Resource Management Act 1991
the Committees	TWT and TAoP Whaitua Committees
the Council	Greater Wellington Regional Council
the Hearing Panels	the Freshwater Hearings Panel and the Part 1, Schedule 1 Hearings Panel
the Pāuatahanui arm	the Pāuatahanui Inlet of Te Awarua-o-Porirua Harbor
TN	Total nitrogen
TP	Total phosphorus
TSS	Total suspended solids
TWT	Whaitua Te Whanganui-a-Tara
USEPA	United States Environmental Protection Agency
VCSN	Virtual climate station network
VPD	Vehicles per day
WIP	Whaitua Implementation Programme
WMU	Water management units
WS	Water Sensitive
WSA	Water Services Act 2021
WSUD	Water sensitive urban design
WWTP	Wastewater treatment plant
ZIP	Zone Implementation Program
Zn	Zinc



**Table 2: Abbreviations of Submitters' Names**

<b>Abbreviation</b>	<b>Means</b>
Ara Poutama	Ara Poutama Aotearoa the Department of Corrections
Arakura Plains	Arakura Plains Development Limited
ARC	Auckland Regional Council
Best Farm & Others	Best Farm Ltd, Lincolnshire Farm Ltd, Hunters Hill Ltd & Stebbings Farmlands Ltd
Cannon Point	Cannon Point Development Limited (Ltd.)
Carrus	Carrus Corporation Ltd
CentrePort	CentrePort Limited
CFG	China Forest Group Company New Zealand Ltd
Chorus et al	Chorus New Zealand Limited, Connexa Limited, Aotearoa Towers Group (trading as FortySouth), One New Zealand Group Limited and Spark New Zealand Trading Limited
Civil Contractors NZ	Civil Contractors New Zealand
Cuttriss	Cuttriss Consultants Ltd
EDS	Environmental Defence Society Inc.
Enviro NZ	Enviro NZ Services Ltd (Enviro NZ)
F&B	Royal Forest and Bird Protection Society NZ (Forest and Bird)
Firth Industries	Firth Industries Limited
Fish and Game	Wellington Fish and Game Regional Council
Fulton Hogan	Fulton Hogan Ltd
Gillies	Gillies Group Management Ltd
Goodman Contractors	Goodman Contractors Limited
Guardians of the Bays	Guardians of the Bays Inc
Guildford Timber, Silverstream Forest and Goodwin Estate	Guildford Timber Company Limited, Silverstream Forest Limited and the Goodwin Estate Trust.

<b>Abbreviation</b>	<b>Means</b>
GWRC	Greater Wellington Regional Council
HCC	Hutt City Council
Higgins	Higgins Contractors Limited
Horokiwi Quarries	Horokiwi Quarries Ltd
Hort NZ	Horticulture New Zealand
HUD	Ministry of Housing and Urban Development (HUD)
JTL	John Turkington Limited
Juken NZ	Juken New Zealand
Kāinga Ora	Kāinga Ora – Homes and Communities
KiwiRail	KiwiRail Holdings Limited (KiwiRail)
Koru Homes	Koru Homes NZ Limited
Land Matters	Land Matters Limited
Mangaroa Farms	Urban Edge Planning Group on behalf of Mangaroa Farms Ltd
Meridian Energy Limited	Meridian
MPGC	Manor Park Golf Club (Incorporated) (MPGC)
MPHRCI	Manor Park and Haywards Residents Community Incorporate ("MPHRCI")
Multi Civil Contractors	Multi Civil Contractors Ltd
Ngāti Toa Rangatira	Te Rūnanga o Toa Rangatira
NZCF	New Zealand Carbon Farming Group ('NZCF')
NZFFA	New Zealand Farm Forestry Association (NZFFA)
NZFFA Wellington	Wellington Branch of New Zealand Farm Forestry Association
NZTA	Waka Kotahi NZ Transport Agency
PCC	Porirua City Council
PCL Contracting	PCL Contracting Ltd as part of CCNZ



<b>Abbreviation</b>	<b>Means</b>
Peka Peka Farm	Peka Peka Farm Limited
PF Olsen	PF Olsen Ltd
Pikarere Farm	Pikarere Farm Limited
Porirua Harbour Trust & Guardians of Pāuatahanui Inlet	Te Awarua o Porirua Harbour and Catchments Community Trust & Guardians of Pāuatahanui Inlet
Pukerua Holdings	Pukerua Holdings Limited
Pukerua Property Group	Pukerua Property Group Ltd
Rangitāne	Rangitāne o Wairarapa
Riu Huna Farm	Fenaughty Partnership - Riu Huna Farm
Rosco Ice Cream	Rosco Ice Cream Ltd
Summerset	Summerset Group Holdings Limited
Minister of Conservation	Tama Potaka, Minister of Conservation
Taranaki Whānui	Taranaki Whānui ki te Upoko o te Ika
Te Kamaru Station	Te Kamaru Station Ltd
Te Marama	Te Marama Ltd
Te Rūnanga	Te Rūnanga o Toa Rangatira (Te Rūnanga)
Terawhiti Farming	Terawhiti Farming Co Ltd
The Fuel Companies	BP Oil NZ Ltd, Mobil Oil NZ Ltd, Z Energy Ltd - The Fuel Companies
The Shellards	Graeme Iain Shellard , Sarah Elizabeth Shellard, Cameron Anthony Shellard, Finlay David Shellard
Transpower	Transpower New Zealand Limited
UHCC	Upper Hutt City Council
Urban Edge	Urban Edge Planning Group
Water NZ	Water New Zealand
WCC	Wellington City Council

<b>Abbreviation</b>	<b>Means</b>
WFF	Wairarapa Federated Farmers
WIAL	Wellington International Airport Limited
Willowbank	Willowbank Trustee Limited
WMNZ	Waste Management NZ Limited
Woodridge	Woodridge Holdings Ltd
WRC	Waikato Regional Council
WWL	Wellington Water Ltd
Zealandia	Zealandia Te Māra a Tāne