



Macraes Phase 4 Project

28 March 2024 (Updated 18 February 2025)

Resource Consent Application and Assessment of Environmental Effects



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LIST OF ACRONYMS

Acronym	Meaning
2GP	Dunedin City Second Generation District Plan
AEE	Assessment of Environmental Effects
AEP	Annual Exceedance Probability
AES	Acoustic Engineering Services Limited
Air Plan	The Regional Plan: Air for Otago
ANZECC	Australia and New Zealand Conservation Council
ANZG	Australian and New Zealand Guidelines for Fresh and Marine Water Quality, 2018
BF	Backfills
BRWRS	Back Road Waste Rock Stack
CCP	Continuity Consents Project
CIA	Cultural Impact Assessment
CO5	Coronation Stage 5
CO6	Coronation Stage 6
DCC	Dunedin City Council
District Plan	Waitaki District Plan
DMP	Dust Management Plan
DoC	Department of Conservation
ED	Ecological District
EEA	Ecological Enhancement Area
EEAMP	Ecological Enhancement Area Management Plan



Acronym	Meaning
EGL	Engineering Geology Limited
ESCP	Erosion and Sediment Control Plan
FF	Footwall Fault
F&G	Fish and Game New Zealand
FMU	Freshwater Management Unit
FOS	Factor of Safety
FPIP	Freshwater Planning instruments Parts of the Proposed Regional Policy Statement
FRBF	Frasers Backfill Embankment
FRIM	Frasers-Innes Mills
FRUG	Frasers Underground mine
FTSF	Frasers Tailings Storage Facility
GB2	Golden Bar Stage 2
GBWRS	Golden Bar Waste Rock Stack
GPUG	Golden Point Underground mine
HAIL	Hazardous Activities and Industries List
KTONRMP	Kāi Tahu Ki Otago Natural Resource Management Plan 2005
LMP	Lizard Management Plan
LOM	Life of Mine
MEEA	Murphys Ecological Enhancement Area
MGP	Macraes Gold Project
MGPG	Macraes Gold Project Grid



Acronym	Meaning
MMPNZ	Macraes Mining Project Mineral Zone
MP3	Macraes Phase III Project
MP4 or The Project	Macraes Phase Four Project
MTI	Mixed Tailings Impoundment
MWM	Mine Waste Management Limited
MWMS	Macraes Mine Water Management System
NBWR	Waikouaiti River North Branch
NES-AQ	Resource Management (National Environmental Standard for Air Quality) Regulations 2004
NES-CS	Resource Management (National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health) Regulations 2011
NES-FW	National Environmental Standards for Freshwater
NES-HDW	Resource Management (National Environmental Standard for Sources of Human Drinking Water) Regulations 2007
NOF	National Objectives Framework
NPS-FM	National Policy Statement for Freshwater Management 2020
NPS-HPL	National Policy Statement for Highly Productive Land
NPS-IB	National Policy Statement for Indigenous Biodiversity 2023
NZDSG	New Zealand Dam Safety Guidelines 2015
NZTCS	New Zealand Threat Classification System
NZTM	New Zealand Transverse Mercator 2000
OGC or OceanaGold	OceanaGold Corporation
OMS	Operations Maintenance and Surveillance Manual



Acronym	Meaning
ORC	Otago Regional Council
PIC	Potential Impact Classification
PRPS	Proposed Otago Regional Policy Statement 2021
PSM	Pells Sullivan Meynink
PTS	Passive Treatment Systems
RL	Relative Measure
RMA	Resource Management Act 1991
RPS	Otago Regional Policy Statement 2019
SEE	Safety Evaluation Earthquake
SNA	Significant Natural Area
SP10	Southern Pit Option 10 Tailings Storage Facility
SP11	Southern Pit Option 11A Tailings Storage Facility
TARP	Trigger Action Response Plan
TKTP	Tim Kelly Transportation Planning Limited
TSF	Tailings Storage Facility
TTTSF	Top Tipperary Tailings Storage Facility
Waste Plan	The Regional Plan: Waste for Otago
Water Plan	The Regional Plan: Water for Otago
WBM	Water Balance Model
WDC	Waitaki District Council
WDP	Waitaki District Plan
Whirika	Ahika Consulting- now trading as Whirika Consulting



Acronym	Meaning
WRS	Waste Rock Stack
WQMP	Water Quality Management Plan
ZOI	Zone of Influence





PART B

Assessment of Environmental Effects