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ABBREVIATIONS

3RS	Expansion of Hong Kong International Airport into a Three-Runway System
A&MO	Antiquities and Monuments Ordinance
AAB	Antiquities Advisory Board
AADT	Annual Average Daily Traffic
ACM	Asbestos Containing Materials
ADWF	Average Dry Weather Flow
AFCD	Agriculture, Fisheries and Conservation Department
AGI	Above Ground Installation
AGS	Aerobic Granular Sludge
AHM	Artificial Hard Materials
ALARP	As Low As is Reasonably Practicable
AL Levels	Action and Limit Levels
AMO	Antiquities and Monuments Office
ANL	Acceptable Noise Level
APCO	Air Pollution Control Ordinance
APHA	American Public Health Association
AQMS	Air Quality Monitoring System
AQO	Air Quality Objective
ASR	Air Sensitive Receiver
	Area Sensitivity Rating (referred in Chapter 4 only)
ATC	Annual Traffic Census
ATSDR	Agency for Toxic Substances and Disease Registry
BAF	Biological Aerated Filter
BC	Barrier Correction
BCF	Hong Kong Boundary Crossing Facilities
BDTM	Base District Traffic Model
BE	Bulk Explosives
BMP	Best Management Practice
BNL	Basic Noise Level
BOD	Biochemical Oxygen Demand
BOD ₅	5-day Biochemical Oxygen Demand
BSAP	Biodiversity Strategy and Action Plan
C&D	Construction and Demolition
C&DMMP	Construction and Demolition Material Management Plan
C&ED	Customs and Excise Department
CA	Conservation Area
Cal/EPA	California Environmental Protection Agency
CALINE4	California Line Source Dispersion Model, version 4
CAP	Contaminated Assessment Plan
CAR	Contamination Assessment Report
CAS	Conventional Activated Sludge
CBD	Convention on Biological Diversity
CBL	Cross Bay Link
CCTV	Closed-Circuit Television
CDB	Code of Practice for Demolition of Buildings
CE	Cartridge Emulsion
CEDD	Civil Engineering and Development Department
CEPT	Chemically Enhanced Primary Treatment
CFR	Code of Federal Regulations
CHIA	Cultural Heritage Impact Assessment
CIC	Construction Industry Council
CKR	Central Kowloon Route
CLP	CLP Power Hong Kong Ltd.
CNP	Construction Noise Permit
CNS	Central Nervous System
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
COC	Chemicals of Concern

COD	Chemical Oxygen Demand
COPC	Chemical of Potential Concern
CRTN	Calculation of Road Traffic Noise
Csat	Soil Saturation
CSM	Conceptual Site Model
CSTW	Cavern Sewage Treatment Works
CT10	Container Terminal 10 Development at Southwest Tsing Yi
CUHK	Chinese University of Hong Kong
CWB	Central-Wan Chai Bypass
CWTC	Chemical Waste Treatment Centre
DA	Depth-Averaged
DA-TM	Technical Memorandum on Noise from Construction Work in Designated Areas
DAF	Dissolved Air Flotation
DBH	Diameter at Breast Height
DC	Distance Attenuation
DCDB	The Code of Practice for Demolition of Buildings
DCS	District Cooling System
DEFRA	Department of Environment, Food, and Rural Affairs
DETR	Department of Environment Transport and Regions
DEVB	Development Bureau
DGPS	Differential Global Positioning System
DG	Dangerous Goods
DNRA	Dissimilatory Nitrate Reduction to Ammonia
DO	Dissolved Oxygen
DOCEP	Department of Consumer and Employment Protection
DP	Designated Project
DSD	Drainage Services Department
E&M	Electrical and Mechanical
EIA	Environmental Impact Assessment
EIAO	Environmental Impact Assessment Ordinance
EIAO-TM	Technical Memorandum on Environmental Impact Assessment Process
EIDAS	Explosives Incidents Database Advisory Service
EM&A	Environmental Monitoring and Audit
EMFAC-HK	Emission Factors Hong Kong Model
EMP	Environmental Management Plan
EMSD	Electrical and Mechanical Services Department
EP	Environmental Permit
EPD	Environmental Protection Department
ER	Engineer's Representative
ES	Executive Summary
ESB	EIA Study Brief
ESTC	Explosives Storage and Transport Committee
ETWB	Environment, Transport and Works Bureau
ET	Environmental Team
EUGRIS	European Groundwater and Contaminated Land Remediation Information System
FC	Façade Correction
FCZ	Fish Culture Zone
FDM	Fugitive Dust Model
FPA	Fisheries Protection Area
FSD	Fire Services Department
FSP	Fine Suspended Particulates
FTA	Fault Tree Analysis
GB	Green Belt
GBNSR	Ground Borne Noise Sensitive Receiver
GCHIA	Guidelines for Cultural Heritage Impact Assessment
GEO	Geotechnical Engineering Office
GIC	Government, Institution or Community
GIS	Geographic Information System
GLTM	Greening, Landscape and Tree Management
GPS	Global Positioning System

GW-TM	Technical Memorandum on Noise from Construction Work other than Percussive Piling
H ₂ S	Hydrogen Sulphide
HAB	Harmful Algal Bloom
HAP	Hazardous Air Pollutant
HATS	Harbour Area Treatment Scheme
HD	Housing Department
HEC	Health and Environmental Committee
HHRA	Human Health Risk Assessment
HIA	Health Impact Assessment
HKCG	Hong Kong and China Gas Company
HKPSG	Hong Kong Planning Standards and Guidelines
HKRG	Hong Kong Government Risk Guidelines
HKSAR	Hong Kong Special Administrative Region
HP	High Pressure
HPCL	Health Protection Concentration Level
HR	Human Receptor
HSC	Health and Safety Commission
HTML	Hyper Text Markup Language
HyD	Highways Department
HZMB	Hong Kong - Zhuhai - Macao Bridge
IAQ	Indoor Air Quality
IARC	International Agency for Research on Cancer
ICOMOS	International Council on Monuments and Sites
IEC	Independent Environmental Checker
IF	Influencing Factor
IFAS	Integrated Fixed Film Activated Sludge System
IGEM	Institution of Gas Engineers and Managers
IND-TM	Technical Memorandum on Noise from Places other than Domestic Premises, Public Places or Construction Sites
IP	Interception and Pumping
IR	Individual Risk
IRIS	Integrated Risk Information System
ISCST3	Industrial Sources Complex Short Term 3
ISEPS	Intermediate Sewage and Effluent Pumping Station
IUCN	International Union for Conservation of Nature
IUR	Inhalation Unit Risk
IWMF	Integrated Waste Management Facilities
KCRC	Kowloon-Canton Railway Corporation
KED	Kowloon Explosives Depot
KTAC	Kai Tak Approach Channel
KTD	Kai Tak Development
KTN	Kai Tak Nullah
KTTS	Kwun Tong Typhoon Shelter
MRL	Minimum Risk Level
LandsD	Lands Department
LC	Local Concern
LCA	Landscape Character Area
LCSD	Leisure and Cultural Services Department
LR	Landscape Resource
LTT	Lam Tin Tunnel
mAG	Meters above Ground
MBBR	Moving Bed Biofilm Reactor
MBR	Membrane Bioreactor
MD	Mines Division
MHSA	Mine Safety and Health Administration
MIC	Maximum Instantaneous Charge
MLE	Modified Ludzack-Ettinger
MLSS	Mixed Liquor Suspended Solids
MM5	Mesoscale Model 5

MTRC	MTR Corporation Limited
NaOCl	Sodium Hypochlorite
NAPL	Non-Aqueous Phase Liquid
NCO	Noise Control Ordinance
NEDA	Non Explosive Demolition Agents
NENT	North East New Territories
NH ₃	Ammonia
NH ₃ -N	Ammonia Nitrogen
NIMBY	Not-In-My-Backyard
NO ₂	Nitrogen Dioxide
NO ₂ -N	Nitrite Nitrogen
NO ₃ -N	Nitrate Nitrogen
NSR	Noise Sensitive Receiver
NTU	Turbidity
O ₃	Ozone
OEHHA	Office of Environmental Health Hazard Assessment
OVT	Old and Valuable Tree
OU	Other Specified Uses (referred in Chapter 10 only)
OU	Odour Unit
OZP	Outline Zoning Plan
PAH	Poly-aromatic Hydrocarbons / Polycyclic Aromatic Hydrocarbons
PATH	Pollutants in the Atmosphere and their Transport over Hong Kong model
PCB	Polychlorinated Biphenyls
PCR	Petroleum Carbon Ranges
PCRAMMET	PCRAMMET Meteorological Program
PCW	Prescribed Construction Work
PDF	Portable Document Format
PER	Preliminary Environmental Review
PFA	Pulverized Fuel Ash
PFC	Public Fill Committee
PFRF	Public Fill Reception Facilities
PGC	Potential Global Concern
PRC	Potential Regional Concern
PlanD	Planning Department
PLL	Potential Loss of Life
PME	Powered Mechanical Equipment
PM ₁₀	Suspended particulates in air with a nominal aerodynamic diameter of 10µm or smaller
PM _{2.5}	Suspended particulates in air with a nominal aerodynamic diameter of 2.5µm or smaller
PN	Practice Note
PO ₄	Orthophosphate Phosphorus
PP-TM	Technical Memorandum on Noise from Percussive Piling
PPRTV	Provisional Peer-Reviewed Toxicity Value
PPV	Peak Particle Velocity
ProPECC	Professional Persons Environmental Consultative Committee
PRS	Potential Reclamation Site
PTW	Preliminary Treatment Work
PVC	Polyvinyl Chloride
PVS	Planning Vision and Strategy
QA	Quality Assurance
QC	Quality Control
QPME	Quality Powered Mechanical Equipment
QRA	Quantitative Risk Assessment
RAGS	Risk Assessment Guidance for Superfund
RAP	Remediation Action Plan
RBRG	Risk-Based Remediation Goal
RC	Reinforced Concrete
RCL	Receptor Concentration Level
REL	Reference Exposure Level

REA	Rapid Ecological Assessment
RfC	Reference Concentrations
Rn	Radon
RO	Regional Office
RR	Remediation Report
RSP	Respirable Suspended Particulates
RT	Reverberation Time
SANI	Sulphate Reduction Autotrophic Denitrification and Nitrification Integrated
SAS	Surplus Activated Sludge
SCISTW	Stonecutters Island Sewage Treatment Works
SCL	Shatin to Central Link
SI	Site Investigation
SiO ₂	Silica
SKSTW	Sai Kung Sewage Treatment Works
SO ₂	Sulphur Dioxide
SPL	Sound Pressure Level
SPME	Specified Powered Mechanical Equipment
SRB	Sulphate-Reducing Bacteria
SS	Suspended Solids
SSSI	Sites of Special Scientific Interest
STDC	Sha Tin District Council
STDO	Sha Tin District Office
STEPS	Sha Tin Effluent Pumping Station
STF	Sludge Treatment Facilities
STSTW	Sha Tin Sewage Treatment Works
STW	Sewage Treatment Works
STWTW	Sha Tin Water Treatment Works
SVOC	Semi-Volatile Organic Compound
SWL	Sound Power Level
TAP	Toxic Air Pollutant
TBM	Tunnel Boring Machine
TCNTE	Tung Chung New Town Extension
TC(W)	Technical Circular (Works)
TD	Transport Department
TH	Tolo Harbour
THEES	Tolo Harbour Effluent Export Scheme
THMB	Tolo Harbour and Mirs Bay
TIN	Total Inorganic Nitrogen
TKN	Total Kjeldahl Nitrogen
TKO	Tseung Kwan O
TM	Technical Memorandum
TM-CLKL	Tuen Mun - Chek Lap Kok Link
TM-DSS	Technical Memorandum on Standards for Effluents Discharged into Drainage and Sewerage Systems, Inland and Coastal Waters
TN	Total Nitrogen
TNT	Trinitrotoluene
TP	Total Phosphorus
TPEDM	Territorial Population and Employment Data Matrices
TPEPS	Tai Po Effluent Pumping Station
TPL	Total Pollution Load
TPSTW	Tai Po Sewage Treatment Works
TSP	Total Suspended Particulates
UDS	Ultimate Design Scenario
UIA	Unionized Ammonia
UK HSE	UK Health and Safety Executive
UNESCO	United Nations Educational Scientific and Cultural Organization
USEPA	US Environmental Protection Agency
UV	Ultraviolet
VCE	Vapour Cloud Explosion
VDC	Vehicle Detention Centre

VKT	Vehicle-Kilometer-Travelled
VOC	Volatile Organic Compound
VPF	Value of Preventing a Fatality
VSR	Visually Sensitive Receiver
WBTC	Works Bureau Technical Circular
WCZ	Water Control Zone
WDII	Wan Chai Development Phase II
WDO	Waste Disposal Ordinance
WENT	West New Territories
WHO	World Health Organization
WIL	West Island Line
WMP	Waste Management Plan
WPCO	Water Pollution Control Ordinance
WQO	Water Quality Objective
WSD	Water Supplies Department
WSR	Water Sensitive Receiver