



Kelowna Joint Water Committee



2005 STRATEGIC WATER SERVICING PLAN



AES	Atmospheric Environment Service	ML / day	Megalitres per day
AC	Asbestos Cement	MDD	Maximum daily demand
ADD	Average Daily Demand	Mlgpd	Million Imperial gallons per day
ALR	Agricultural Land Commission	MOE	Ministry of Environment
AO	Aesthetic Objective	MTBE	Methyl Tertiary Butyl Ether
AWWA	American Waterworks Association	NTU	Nephelometric Turbidity Unit
BMID	Black Mountain Irrigation District	OCP	Official Community Plan
BTEX	Benzene, toluene, ethyl benzene and xylenes	O & M	Operations and Maintenance
CFU	Coliform Unit	PHD	Peak hour demand
CT	concentration x time of contact with disinfectant	PLC	Programmable Logic Controller
DAF	Dissolved Air Flotation	POU	Point of Use
DBP	Disinfection byproduct	PRV	Pressure reducing valve
DI	Ductile Iron	PS	Pump Station
DSM	Demand Side Management	psi	pounds per square inch (pressure)
DWPA	Drinking Water Protection Act	PST	Provincial Sales Tax
DWPR	Drinking Water Protection Regulation	PVC	Polyvinyl Chloride
FF	Fireflow	PZ	Pressure Zone (normal HGL in metres)
FUS	Fire Underwriters Survey	RDCO	Regional District of Central Okanagan
GCDWQ	Guideline for Canadian Drinking Water Quality	RO	Reverse Osmosis
GEID	Glenmore-Ellison Improvement District	RWD	Rutland Waterworks District
GWPP	Groundwater Protection Plan	SCADA	Supervisory Control and Data Acquisition
HAAs	Haloacetic Acids	SEKID	South East Kelowna Irrigation District
HDPE	High density polyethylene (pipe)	SF	Single family development
HGL	Hydraulic grade line (slope of water in m/m)	SDWR	Safe Drinking Water Regulation
ICI	Industrial Commerical Institutional	SWTR	Surface Water Treatment Rule
Igpm	Imperial Gallons per minute	TCU	True Color Units
IMAC	Interim Maximum Acceptable Concentration	TDH	Total Dynamic Head
IHA	Interior Health Authority	THMs	Trihalomethanes
km ²	square kilometre	TOC	Total Organic Carbon
L	litre	TWL	Top water level (metres)
L/ca/d	Litres per capita per day	UFW	Unaccounted for Water
L/s	litres per second (flow rate)	µg/L	micrograms / litre (parts per billion)
LWBC	Land and Water BC	uS /cm	microsiemens
m ³ /s	cubic metre per second, (flow rate)	USEPA	US Environmental Protection Agency
mg/L	milligrams/litre (parts per million)	UV	Ultraviolet
MAC	Maximum Acceptable Concentration	WFN	Westbank First Nations
MF	multi-family	WSC	Water Survey of Canada
ML	megalitre (one million litres = 1,000 m ³)	WPT	Wellhead Protection Toolkit

Cover Photo: Satellite Photograph of City of Kelowna and surrounding lands, August, 2003
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