

Portland Water Bureau Request for a Treatment Variance to the Long Term 2 Enhanced Surface Water Treatment Rule

June 2011

Prepared by the
City of Portland Water Bureau



Submitted to
The Oregon Health Authority, Public Health Division Drinking Water Program

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Abbreviations and Acronyms

ALS	Australian Laboratory Services Pty. Ltd.
ASI	Analytical Services, Inc.
BLM	Bureau of Land Management
BRWMU	Bull Run Watershed Management Unit
CDC	Centers for Disease Control and Prevention
CDM	Camp Dresser & McKee Inc.
CEC	Clancy Environmental Consultants, Inc.
cfs	cubic feet per second
cfu	colony forming unit
cm	centimeter
CT	chlorine concentration x contact time
DEA	David Evans and Associates, Inc.
EPA	U.S. Environmental Protection Agency
FoodNet	Foodborne Diseases Active Surveillance Network
FR	Federal Register
g	gram
GIS	geographical information systems
GNN	Gradient Nearest Neighbor
GPS	global positioning system
ICR	Information Collection Rule
L	liter
LEMMA	Landscape Ecology, Modeling, Mapping & Analysis
mL	milliliter
LT2	Long Term 2 Enhanced Surface Water Treatment Rule
MCHD	Multnomah County Health Department
mg	milligram
MPN	most probable number
ND	non-detect

Abbreviations and Acronyms

NTU	nephelometric turbidity unit
NWFP	Northwest Forest Plan
OAR	Oregon Administrative Rules
OGWDW	U. S. EPA Office of Ground Water and Drinking Water
OHA-DWP	Oregon Health Authority Drinking Water Program
OPHD	Oregon Public Health Division
OPR	ongoing precision and recovery
ORCA	Oregon Resources Conservation Act
PBMS	Performance Based Measurement System
PCB	Pathogen Catchment Budget
PIS	primary intake structure
PWB	Portland Water Bureau
PWS	public water system
QA/QC	quality assurance/quality control
SCADA	supervisory control and data acquisition
SDWA	Safe Drinking Water Act
SNOTEL	snow telemetry
μS	microSiemen
USGS	U.S. Geological Survey
UV	ultraviolet
WaterRF	Water Research Foundation