

APPENDIX A

Acronyms and Abbreviations

Water Resource Protection Plan 2019 Update

A

ACRONYMS AND ABBREVIATIONS

12-MAV	Twelve-month moving average
ADC	Agribusiness Development Corporation
AWM	Abandoned Well Management
AWUDP	Agricultural Water Use and Development Plan
BFI	Base Flow Index
BMP	Best Management Practice
BWS	Honolulu Board of Water Supply
CLDC	County/Local Drought Committee
CNPCP	Coastal Nonpoint Pollution Control Program
CO ₂	Carbon Dioxide
CRVS	DLNR Civil Resource Violation System
CSTR	Completely Stirred Tank Reactor
CTAR	College of Tropical Agriculture and Human Resources
CTD	Conductivity, Temperature, Depth
CWRM	Commission on Water Resource Management
CZD	Capture Zone Delineation
CZM	Coastal Zone Management
DAGS	Department of Accounting and General Services
DBEDT	Department of Business, Economic Development, and Tourism
DHHL	Department of Hawaiian Home Lands
DLNR	Department of Land and Natural Resources
DOA	Department of Agriculture (State)
DOFAW	Division of Forestry and Wildlife (State DLNR)
DOH	Department of Health (State)
DOT	Department of Transportation (State)
DOW	Department of Water
DOWALD	DLNR Division of Water and Land Development
DIP	Drought Impact Reporter
DMW	Deep Monitor Well
DWS	Department of Water Supply
EDR	Electrodialysis reversal

EHA	DOH Environmental Health Administration
EPA	Environmental Protection Agency (Federal)
ESPC	Energy Savings Performance Contract
ET	Evapotranspiration
FEMA	Federal Emergency Management Agency
FTE	Full-Time or Equivalent staff
GAP	Gap Analysis Program
GDE	Ground Water Dependent Ecosystem
GIS	Geographic Information System
GPAD	Gallons Per Acre per Day
GPD	Gallons Per Day
gpd/ac	Gallons per day per acre
GPM	Gallons Per Minute
GPS	Global Positioning Satellite
GWDUI	Ground Water under the Direct Influence
GWPP	Groundwater Protection Program
HAR	Hawai'i Administrative Rules
HECO	Hawaiian Electric Company
HDP	Hawai'i Drought Plan
HI-EMA	Hawai'i Emergency Management Agency
HRS	Hawai'i Revised Statutes
HSA	Hawai'i Stream Assessment
HWCPIS	Hawai'i Well Construction and Pump Installation Standards
HWP	Hawai'i Water Plan
IFS	Instream Flow Standard
IIFS	Interim Instream Flow Standard
in/yr	Inches per year
IPCC	Intergovernmental Panel on Climate Change
IRP	Integrated Resource Planning
IWREDSS	Irrigation Water Requirement Estimation Decision Support System
km	Kilometers
kWh	Kilowatt-hours
LEED	Leadership in Energy and Environmental Design
LICH	Landscape Industry Council of Hawaii
LUC	Land Use Commission
LUPAG	Land Use Pattern Allocation Guide

m ³ /s	Cubic meters per second
mg/d	Million gallons per day
mg/L	Milligrams per liter
MGD	Million gallons per day
MPTZ	Midpoint of the transition zone
NCDC	National Climatic Data Center
NDMC	National Drought Mitigation Center
NGS	National Geodetic Survey
NIDIS	National Integrated Drought Information System
NPS	National Park Service
NRCS	Natural Resources Conservation Service
NWISWeb	National Water Information System Web Interface (USGS)
NWS	National Weather Service
OCCL	State Office of Conservation and Coastal Lands
OP	Office of Planning, State of Hawai'i
ORMP	Ocean Resources Management Plan
PIRCA	Pacific Islands Regional Climate Assessment
PPCP	Pharmaceuticals and Personal Care Products
PPM	Parts Per Million
PUC	Public Utilities Commission
RAM	Robust Analytical Model
RHFF	Red Hill Fuel Facility
R-O	Reverse osmosis
RFD	Request for Determination
SCAP	Stream Channel Alteration Permit
SDWP	Stream Diversion Works Permit
SGFCP	State General Flood Control Plan
SMURRF	Santa Monica Urban Runoff Recycling Facility
SPAM	Stream Protection and Management
SWAP	Source Water Assessment Program
SWIM	Surface Water Information Management System
SWPP	State Water Projects Plan
THIRA	Threat Hazard Identification and Risk Assessment
TTZ	Top of the Transition Zone
TWI	Trade Wind Inversion
UH	University of Hawai'i

UIC	Underground Injection Control
US	United States
USACE	United States Army Corps of Engineers
USDA	United States Department of Agriculture
USDM	United States Drought Monitor
USGS	United States Geological Survey
USNPS	United States National Park Service
WAVE	Hawai'i Water Audit Validation Effort
WCFSP	Water Conservation Field Services Program
WMO	World Meteorological Organization
WMP	Watershed Management Plan
WQP	Water Quality Plan
WRF	Water Recycling Facility
WRPP	Water Resources Protection Plan
WRIMS	Water Resource Information Management System
WRRRC	Water Resource Research Center
WSAG	Water Security Advisory Group
WUDP	Water Use and Development Plan
WWRF	Wastewater Reclamation Facility
WWTP	Wastewater Treatment Plant