

Appendix F. Acronyms

AFO	Animal Feeding Operation
ALS	Amyotrophic Lateral Sclerosis
ARSET	Applied Remote Sensing Training
BMP	Best Management Practice
BOD	Biological Oxygen Demand
CAFO	Confined Animal Feeding Operation
CDC	Centers for Disease Control and Prevention
COD	Chemical Oxygen Demand
CWA	Clean Water Act
DNA	Deoxyribonucleic Acid
dPCR	Digital PCR
ELISA	Enzyme Linked Immunosorbent Assay
ESA	Endangered Species Act
ESP	Environmental Sample Processor
FDA	Food and Drug Administration
FIFRA	Federal Insecticide, Fungicide and Rodenticide Act
GIS	Geographic Information Systems
HAB	Harmful Algal Bloom
HARRNESS	Harmful Algal Research and Response National Environmental Science Strategy
HCB	Harmful Cyanobacterial Bloom
HPLC	High Performance Liquid Chromatography
HUC	Hydrologic Unit Code
LC	Liquid Chromatography
MS4	Municipal separate storm sewer system
MS	Mass Spectrometry
MSI	Multispectral Instrument
NALMS	North America Lake Management Society
NASA	National Aeronautics and Space Administration
NOAA	National Oceanic and Atmospheric Administration
NPDES	National Pollutant Discharge Elimination System
NRCS	Natural Resource Conservation Service
NST	Nutrient Source Tracking
OHHABS	One Health Harmful Algal Bloom System
OLCI	Ocean Land Colour Instrument
PCR	Polymerase Chain Reaction
PPE	Personal Protective Equipment
PPIA	Protein Phosphatase Inhibition Assay
PS	Point Source
PWS	Public Water System
QAPP	Quality Assurance Project Plan
qPCR	Quantitative PCR
RFU	Relative Fluorescence Unit
RT-qPCR	Real-Time Quantitative PCR
SDWA	Safe Drinking Water Act
SeaDAS	Sea-viewing wide field of view Sensor Data Analysis System

SNAP	Sentinel Application Platform
SPATT	Solid Phase Adsorption Toxin Tracking
TMDL	Total Maximum Daily Load
UAS	Unmanned Aircraft System
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
UV	Ultraviolet
WQS	Water Quality Standards
WQT	Water Quality Trading