Comments on the Draft 2019 SWMMWW		
Draft 2019 SWMMWW Section (select from drop down)	Comment	Comment Made By
(General Comment)	Recommend changing all references and testing requirements from fecal coliform, to <i>E. coli</i> and/or enterococci. <i>E. coli</i> and enterococci are more protective indicators of fecal contamination versus fecal coliforms. Lead to propulation of the bacteria present can affect the fecal coliform results, for example: Klebsiella, Enterobacter, as Citrobacter species (1,2). When testing for fecal coliforms, the population of the bacteria present can affect the fecal coliform results, for example: Klebsiella, Enterobacter, & Citrobacter species are false-positive indicators of fecal contamination as they are from nonfecal origin [2]. It has been found, up to 15% of Klebsiella (nonfecal origin) are thermotolerant and up to 10% of <i>E. coli</i> are not thermotolerant, thus potentially causing a combined error rate of 25% when testing for fecal coliforms [3]. <i>E. coli</i> is the only bacteria of the coliform bacteria group that comes from the intestinal tract and found to be more specific to the detection of fecal contamination in Us dinking water regulations [3,4] and is the recommended bacterial indicator for fecal contamination in recreational fresh water, as part of the 2012 US EPA Recreational Water Quality Criteria recommendations [5]. Within marine waters, studies show enterococci, as compared to other fecal contamination indicators, have a higher survival rate and enterococci show a direct association with risk of swimmer's illness [6,7]. The European Union (EU), uses enterococci as an indicator of fecal contamination indicators, have a higher survival rate and enterococci show a direct association with risk of swimmer's illness [6,7]. The European Union (EU), uses enterococci as an indicator of fecal contamination indicators, have a higher survival rate and enterococci show a direct association with risk of swimmer's illness [6,7]. The European Union (EU), uses enterococci as an indicator of fecal contamination indicators, have a higher survival rate and enterococci and enterococci as an indicator of fecal contamination	r
I-C.6 Jurisdictional Planning for Wetland Protection from Stormwater	Monitoring requirements for monitoring water quality of bogs and other Category I wetlands doesn't specify what the approved analytical test methods are. Recommend specifying approved analytical test methods listed at 40 CFR Part 136 and specify if testing is required to be carried out by an accredited laboratory.	Jody Frymire, IDEXX Laboratories Inc.