

Table 3
Circular 39 and Cowardin Wetland Classification Systems

Circular 39 Type	SYSTEM SUBSYSTEM CLASS SUBCLASS	Common Water Regimes	Typical NWI Symbols (Cowardin System)
Type 1	PALUSTRINE (P) Emergent (EM) Persistent (1) Forested (FO) Broad-Leaf Deciduous (1)	Temporarily Flooded (A) Intermittently Flooded (J)	PEM1A PEM1J PFO1A PFO1J
Type 2	PALUSTRINE (P) Emergent (EM) Persistent (1)	Saturated (B)	PEM1B
Type 3	PALUSTRINE (P) Emergent (EM) Persistent (1)	Seasonally Flooded (C) Semipermanently Flooded (F)	PEM1C PEM1F
Type 4	PALUSTRINE (P) OR LACUSTRINE (L) Littoral (2) Emergent (EM) Aquatic Bed (AB) Unconsolidated Bottom (UB)	Semipermanently Flooded (F) Intermittently Exposed (G) Permanently Flooded (H)	PEMF L2EM2F PEMG L2EM2G PABF L2EM2H PABG L2ABF PUBF L2ABG PUBG L2ABH
Type 5	PALUSTRINE (P) OR LACUSTRINE (L) Limnetic (1) Littoral (2) Aquatic Bed (AB) Unconsolidated Bottom (UB)	Intermittently Exposed (G) Permanently Flooded (H)	PABG L2ABG PABH L2ABH PUBG L2UBG PUBH L2UBH L1UBH
Type 6	PALUSTRINE (P) Scrub-Shrub (SS) Broad/Needleleaved Deciduous (1,2) Broad/Needleleaved Evergreen (3,4) Dead (5)	All nontidal regimes except Permanently Flooded (A,B,C,F,J,G)	PSS1,2,3,4, or 5A PSS1,2,3,4, or 5B PSS1,2,3,4, or 5C PSS1,2,3,4, or 5F PSS1,2,3,4, or 5J PSS1,2,3,4, or 5G
Type 7	PALUSTRINE (P) Forested (FO)	All nontidal regimes except Intermittently Flooded and Permanently Flooded (A,B,C,F,J)	PFO1,2,4, or 5A PFO1,2,4, or 5B PFO1,2,4, or 5C PFO1,2,4, or 5F PFO1,2,4, or 5J
Type 8	PALUSTRINE (P) Scrub-Shrub (SS) Broad + Needleleaved Deciduous (1,2) Broad + Needleleaved Evergreen (3,4) Dead (5) Forested (FO) Broad + Needleleaved Deciduous (1,2) Broad + Needleleaved Evergreen (3,4) Dead (5) Moss-Lichen (ML) Emergent (EM)	Saturated (B)	PSS1,2,3,4, or 5B PFO1,2,3,4, or 5B PMLB PEMB
Type 90	RIVERINE (R) Lower Perennial (LP) Upper Perennial (UP) Intermittent (IN) Unconsolidated Bottom (UB)	Intermittently Exposed (G) Permanently Flooded (H)	RUBG RUGH