Riparian Unit and Shoreline Assessment Data Form

Shoreline/ Riparian Unit ID: QR-5
Date: 5/3/17
Coordinates- Start: Obtain from GIS
Coordinates- End:
Surveyor(s): RB, MG, LF
Unit Length:
Assessment Method:
Reaches within Unit: None
Additional Features within Unit: QR-LE-5A

VEGETATION

Community Type (Source): Freshwater emergent wetland

Dominat Over-Story (Species/% Cover)	Dom. Mid-Strata (Species/% Cover)	Dom. Under-Story (Species/% Cover)
Fremont cottonwood 3% - 5%	Mulefat 1-2%	Juncus sp. 10%
Sandbar willow 5 - 10%	bullrush 15%	NNAG 50%
black willow 2%.		

HYDROLOGY

Description of Hydrologic Regime: Lower portions of the unit appear to have previously been inundated due to higher lake water line → areas still influenced by subsurface moisture. Hydrology sufficient farther from lake to support riparian veg., but not freshwater emergent wetland.

LANDSCAPE

Description of geomorhpic regime (erosion processes, upland condition, substrate, etc): Sandy substrate allows infiltration of subsurface water to keep surface moist ~20' from ~~shoreline~~ water's edge. Gradual rise in elevation minimizes surface moisture, but not a great change in topography (ie., no terracing) → ie. beach-type shoreline
Some areas w/in unit do exhibit relatively small beach areas with steep, sometimes rocky slopes to upland.

OTHER INFORMATION

Unit Assessment Rational: Unit consists of undulating shoreline along the north boundary of Quail Lake. Shoreline alternates between ~~bar~~ mostly-barren beach areas to fresh water emergent wetland consisting primarily of Schoenoplectus sp. Generally veg composition, hydrology, and topography are consistent w/in these alternating land forms.

Additional Notes: Generally, upland transition from beach areas → NNAG & scrub; from freshwater emergent wetland areas → cottonwood/willow woodlands → NNAG & scrub.