

**Riparian Unit and Shoreline Assessment Data Form**

Shoreline/ Riparian Unit ID: AR-3 Date: 5/2/17  
 Coordinates- Start: Obtain from GIS Coordinates- End: \_\_\_\_\_  
 Unit Length: \_\_\_\_\_ Assessment Method: Visual inspection  
 Reaches within Unit: none  
 Additional Features within Unit: AR-3A Lentic ARLE-3A

**VEGETATION**

Community Type (Source): Freshwater emergent wetland

Dominant Over-Story (Species/% Cover)	Dom. Mid-Strata (Species/% Cover)	Dom. Under-Story (Species/% Cover)
<u>Salix spp.</u>	<u>Bullrush 25-30%</u>	<u>Juncus</u>
<u>wool sedge willow 15%</u>	<u>Typha latifolia 1%</u>	<u>narrow leaf milkweed } 20%</u>
<u>black willow 1%</u>	<u>Mulefat 1-2%</u>	<u>red brome</u>
<u>Fremont cottonwood 5% 2-5%</u>		<u>soft chess</u>

**HYDROLOGY**

Description of Hydrologic Regime: Inundated area separated from lake proper by hardpan (concrete?) strip running along shoreline. Water infiltrates from lake through a number of culverts and opening w/in hardpan, which in one area creates a cove.

**LANDSCAPE**

Description of geomorphic regime (erosion processes, upland condition, substrate, etc): Low area separated from lake by hardpan strip, gradually transitions to upland moving away from the lake. Lowest areas have mud/silt substrate while more upland is sand/cobbles. w/in strip of lowland that runs parallel to the lake are more upland areas still populated by riparian species.

**OTHER INFORMATION**

Unit Assessment Rational: Distinct wetland between the lake (separated by hardpan strip w/ connecting culverts) and road. veg, hydrology, and topography are unique to area and differs from adjacent areas.

Additional Notes: Lower wetland areas populated by bullrush; higher areas w/in lentic feature ARLE-3A support salix sp., mulefat w/ Juncus, NNAG understory.