

Riparian Unit and Shoreline Assessment Data Form

Shoreline/ Riparian Unit ID: Downstream of Pyramid Dam / PDR-1 Date: 5/16/17
 Coordinates- Start: Obtain in GIS Coordinates- End: _____ Surveyor(s): EB, MG, LF
 Unit Length: _____ Assessment Method: Visual inspection
 Reaches within Unit: _____
 Additional Features within Unit: PDR-LE-1A, PDR-LE-1B, PDR-LE-1C

Community Type (Source): Riverine **VEGETATION**

Dominate Over-Story (Species/% Cover)	Dom. Mid-Strata (Species/% Cover)	Dom. Under-Story (Species/% Cover)
Fremont cottonwood 2%	Tamarisk 5%	
Arroyo willow <1%	Typha 1%	
Black willow <1%		
Sandbar willow <1%		

HYDROLOGY
 Description of Hydrologic Regime: Perennial from Pyramid Lake outfall w/ periodic larger releases from spillway to mimic flood events; immediately downstream of dam are ponded areas w/ slow-moving water prior to entering more channelized st Piru Creek.

LANDSCAPE
 Description of geomorphic regime (erosion processes, upland condition, substrate, etc): Steep-sided, bedrock (shale) canyon at dam outfall; ponded areas just downstream of dam before water becomes channelized into Piru Creek. Shoreline generally bedrock interspersed w/ small soil areas w/ emergent wetland veg.

OTHER INFORMATION
 Unit Assessment Rational: Unit consists of short reach of Piru Creek immediately downstream of Pyramid Dam → contained in steep-sided bedrock (shale) canyon. Unit is comprised of ponded water sections of Piru Creek.

Additional Notes: • PDR-LE-1A consists of a seepage measurement detention basin at base of dam, but separate from Piru Creek drain outfall areas → contained by concrete side and rip-rap. Some emergent wetland veg (Scirpus sp.), but no other wetland/riparian qualities. No PFC assessment conducted.
• PDR-LE-1B consists of small pool at dam outfall
• PDR-LE-1C consists of larger pond just downstream of 1B
↳ Rocky shoreline interspersed w/ small areas of emergent wetland veg. Rocky areas sparsely vegetated by salix sp. & cottonwood → one small area at intersection of valley supports deeper soils at water's edge, more and larger cottonwoods present
↳ ~ 100' of shoreline.