

**Remarks**

Larger pool immediately downstream of PDR-LE-1B

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**Summary Determination**

**Functional Rating:**

Proper Functioning Condition

Functional—At Risk

Nonfunctional

Unknown

**Trend for Functional—At Risk:**

Upward

Downward

Not Apparent

**Are factors contributing to unacceptable conditions outside the control of the manager?**

Yes

No

**If yes, what are those factors?**

Dewatering       Mining activities       Watershed condition

Dredging activities       Road encroachment       Land ownership

Other (specify) \_\_\_\_\_

**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.