





Proposed Basin Plan Amendment (BPA)

- Lahontan Water Board prioritized several Mojave River-related issues that involve potential changes to Basin Plan
 - Includes both surface water and groundwater issues
- Proposed BPA addresses only surface water issues
 - Add BIOL and RARE Beneficial Uses to Mojave River and Deep Creek
 - Remove COLD Beneficial Use for a portion of Mojave River

4

- Clarify application of surface water quality objectives























Remove COLD Beneficial Use for Mojave River downstream of Lower Narrows

- Entire length of the Mojave River is designated for both COLD and WARM Freshwater Habitat Beneficial Uses
 - Beneficial uses of waters that support cold (or warm) water ecosystems including, but not limited to, preservation and enhancement of aquatic habitats, vegetation, fish, and wildlife, including invertebrates
- VVWRA requested re-evaluation of COLD designation downstream of discharge point

16



arameter	COLD	
/ater emperature	No change allowed	5 °F change up or down
Dissolved Oxygen 30 Day Mean 7 Day Minimum 1 Day Minimum	6.5 mg/L 5.0 mg/L 4.0 mg/L	5.5 mg/L 4.0 mg/L 3.0 mg/L
mmonia	Equation based on pH and Water Temperature slightly more restrictive for COLD	



Clarify Mojave River Surface Water Quality Objectives

- Site Specific Objectives are for groundwater, except at the Lower Narrows
 - See Table 3-20 in Lahontan Basin Plan
- Permit writers need consistency
 - VVWRA surface water discharge permit based on regionwide surface water standards
- · No surface water continuity at discharge point
 - No surface flow upstream of VVWRA
 - Downstream flow becomes subsurface near Helendale

20









