

Colorado River Water Rights

Number of Water Rights Negatively Impacted with 40,000 ac-ft/yr removed						
Ac-Ft/Yr Range:	>500	100-500	10-100	1-10	<1	TOTAL
No. impacted:	5	14	34	303	798	1,154
Average Ac-Ft/Yr Impacted:	5,383	3,161	1,245	800	237	10,826

Average % Reduced:	>= 4%	3.0-3.9%	2.0-2.9%	1.0-1.99%	<1.0%	TOTAL
No. Reduced:	16	10	116	473	547	1,162

- TCEQ WAM Run 3 for Colorado River with 1401 Water Rights (1940-1998)
- Flow Adjustment Record was used to reduce naturalized flow at Bastrop by 40,000 ac-ft/yr
- Comparing Volume Reliability Indexes
- * **Uncommitted Highland Lakes Water Right was adjusted -6,500 ac-ft/yr to avoid taking lakes to zero**
- * **Freshwater inflows to Matagorda Bay are reduced 21,522 ac-ft/yr.**

USING ONLY WRID WITH 0 TARGET CHANGE (UNCOMPLICATED WATER RIGHTS)
 DOES NOT CONSIDER WATER RIGHT RECORDS THAT HAD NO CHANGE OR POSITIVE CHANGE

Scenario Impact on Bay

FLOW to Matagorda Bay (avg, ac-ft/yr 1940-1998)

	Average	Change
BASELINE (TCEQ R3)	876,591	
With 25,000 af/y reduction in nat flow at Bastrop	860,395	-16,196
With 40,000 af/y reduction in nat flow at Bastrop	855,069	-21,522