

Senate Bill 3 Enacted in 2007

- Environmental flow standards applicable to new permits issued after September 1, 2007 (effective date of SB 3) and to help guide proactive flow protection strategies
- Set asides of unappropriated water for flow protection
- Conditions included in new permits to ensure compliance with flow standards and protection of set asides
- Proactive strategies for voluntary conversion of existing permits to flow protection
- Adaptive management process periodically to revise/revisit flow standards, set asides, and proactive strategies (10-year review cycle as default)

Weedhaven

Bay and Estuary Freshwater Inflow Standards for the Lavaca Bay System (applicable for inflows from Lavaca River basin and Garcitas Creek (30 TAC § 298.330 (c), effective August 30, 2012)

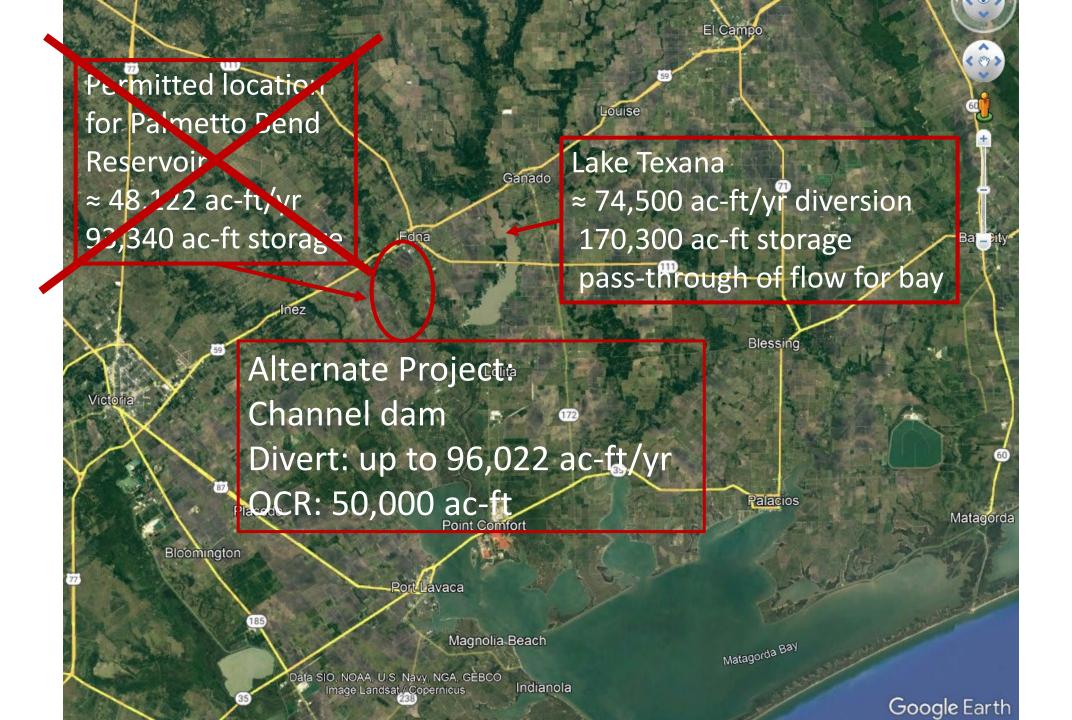
	Inflow Regime	Spring Inflow Quantity (ac-ft)	Fall Inflow Quantity (ac-ft)	Intervening Inflow Quantity (ac-ft)	Annual Strategy Frequency
Su	bsistence	13,500	9,600	6,900	96%
Ba	se Dry	55,080	39,168	28,152	82%
Ba	se Average	127,980	91,080	65,412	46%
Ba	se Wet	223,650	158,976	114,264	28%

Acre-foot (ac-ft) = 325,850 gallons; cover one acre to a depth of one foot

Port O'Connor







Excerpt from existing Certificate of Adjudication held by Lavaca-Navidad River Authority:

B. Upon completion of the Stage 2 dam and reservoir on the Lavaca River, owner Texas Water Development Board is authorized to use an additional amount of 18,122 af/yr, for a total or 48,122 af/yr, of which up to 7,150 af/yr shall be for municipal purposes, up to 22,850 af/yr shall be for industrial purposes, and at least 18,122 af/yr shall be for the maintenance of the Lavaca-Matagorda Bay and Estuary System. The entire Stage 2 appropriation remains subject to release of water for the maintenance of the bay and estuary system until a release schedule is developed pursuant to the provisions of Section 4.B. of this certificate of adjudication.

Collegeport Palacios

Upon completion the Stage 2 dam and reservoir ... authorized to use ... total of 48,122 af/yr, of which

up to 7,150 af/yr ... for municipal ...
up to 22,850 af/yr ... for industrial ... and
at least 18,122 af/yr ... for maintenance of ... Estuary System.

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Bay and Estuary Freshwater Inflow Standards for the Lavaca Bay System (applicable for inflows from Lavaca River basin and Garcitas Creek (30 TAC § 298.330 (c), effective August 30, 2012)

Inflow Regime	Spring Inflow Quantity (ac-ft)	Fall Inflow Quantity (ac-ft)	Intervening Inflow Quantity (ac-ft)	Annual Strategy Frequency
Subsistence	13,500	9,600	6,900	80.7% 96% 86.0%
Base Dry	55,080	39,168	28,152	61.4% 82% 64.9%
Base Average	127,980	91,080	65,412	29.8% 46% 33.3%
Base Wet	223,650	158,976	114,264	21.1% 28% 22.8%

Acre-foot (ac-ft) = 325,850 gallons; cover one acre to a depth of one foot

Permit application proposed baseline with Palmetto Bend Reservoir

Permit application model with alternative project (OCR and storage in Lake Texana)

SOME PARTING THOUGHTS

Palacios

Point Comfort

Port Alto

We have to act now on flow protection

Port Lavaca

- We need to give special consideration to drought inflows
- We have to find ways to manage limited drought condition inflows to get the biggest bang for the buck (fastest recovery for the drop?)

Indianola

Port O'Connor