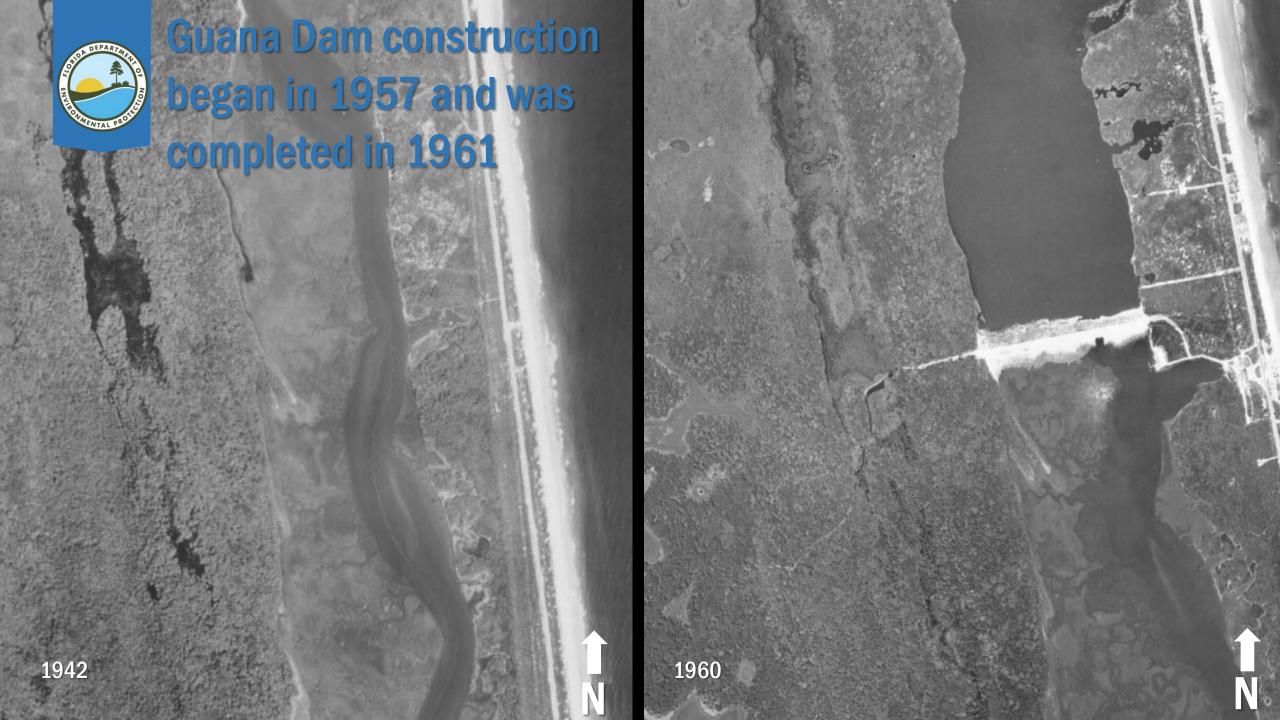




Study Site Guana Lake and Guana River



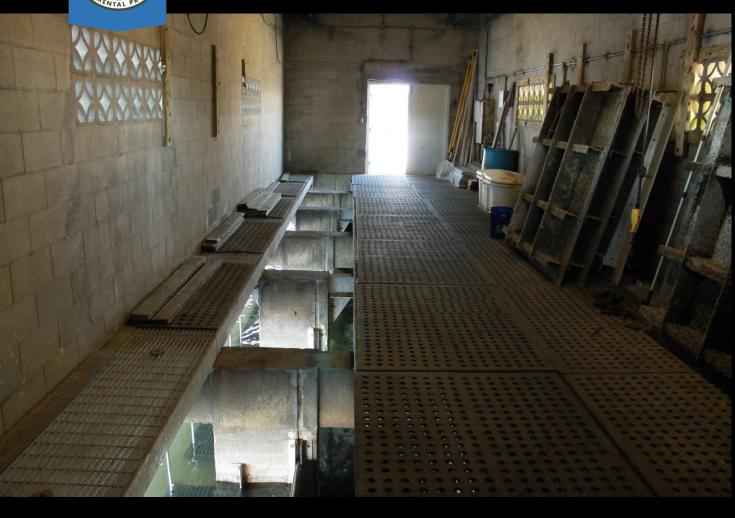
←Right out this door

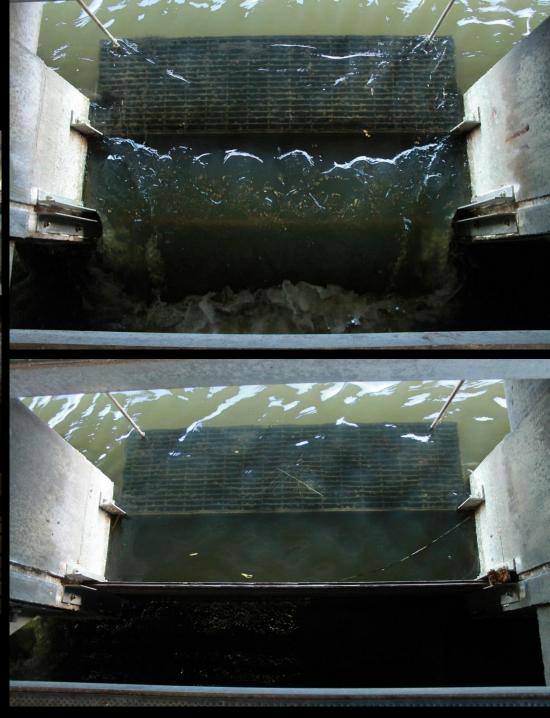






How it works























Night



Sampling Begins May 2018



Sampling Sites





Sampling

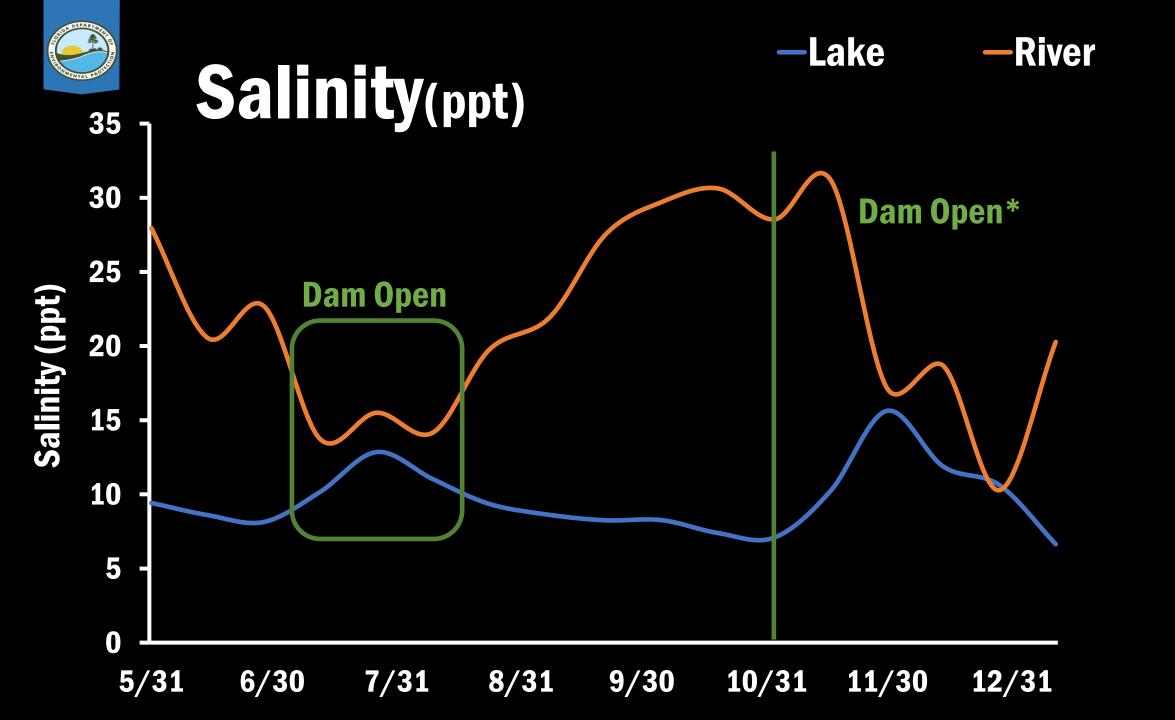


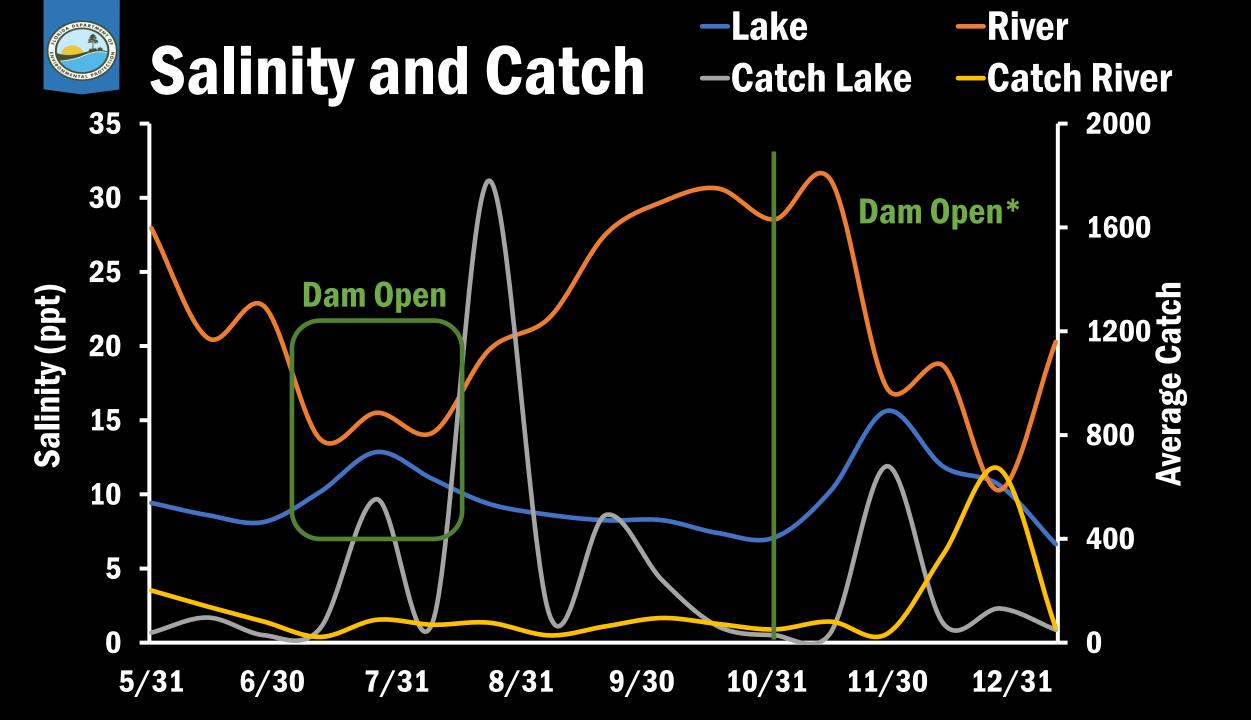


Consolidating

Measuring and Counting

35 -	S	alii	nity	(ppt)	_	-Lak	e -	-Rive
30 -						\	\	
25 -		Dai	m Open				Dam	Open*
20 -								
15 -								\
10 -				 				X
5 -								
0 -								
5/	31	6/30	7/31	8/31	9/30	10/31	11/30	12/31

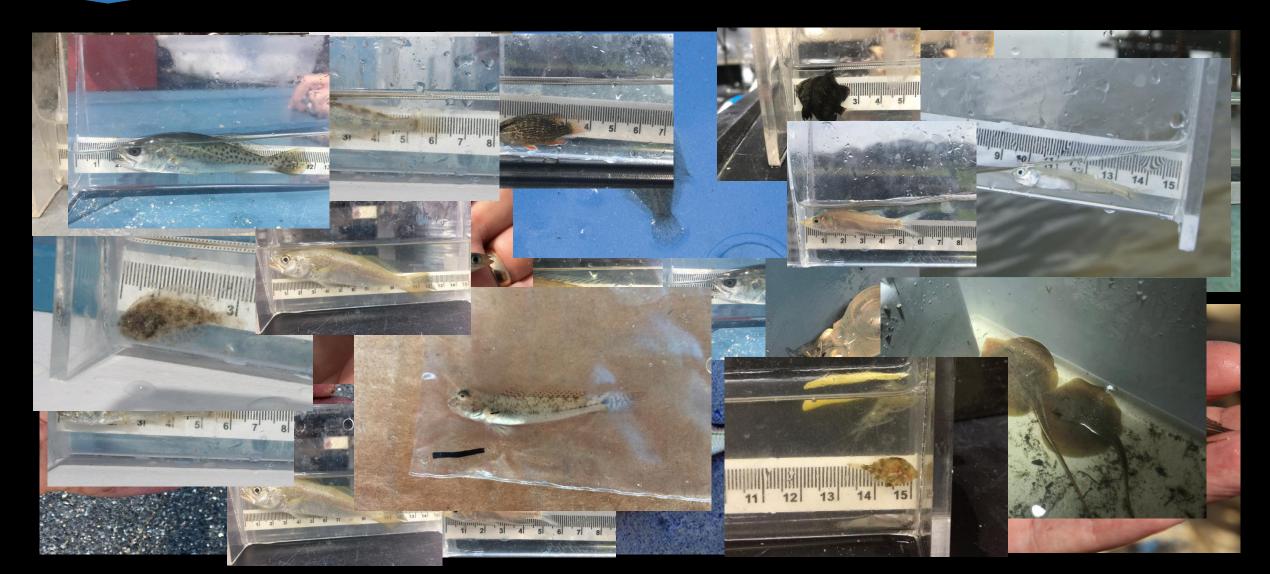




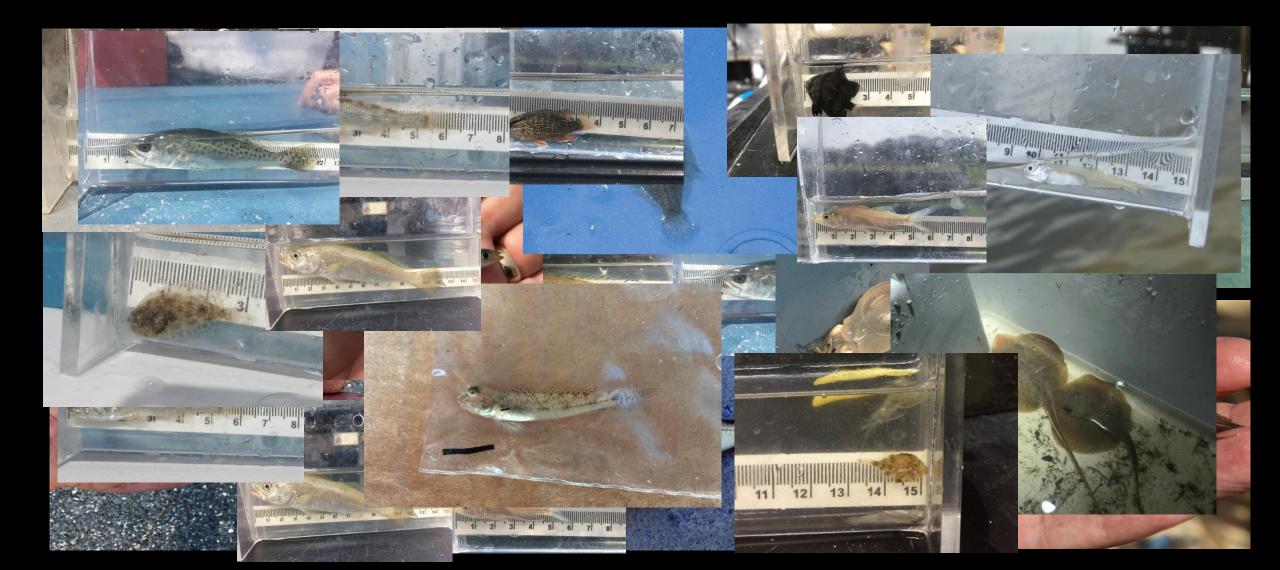


Results: Dam Status

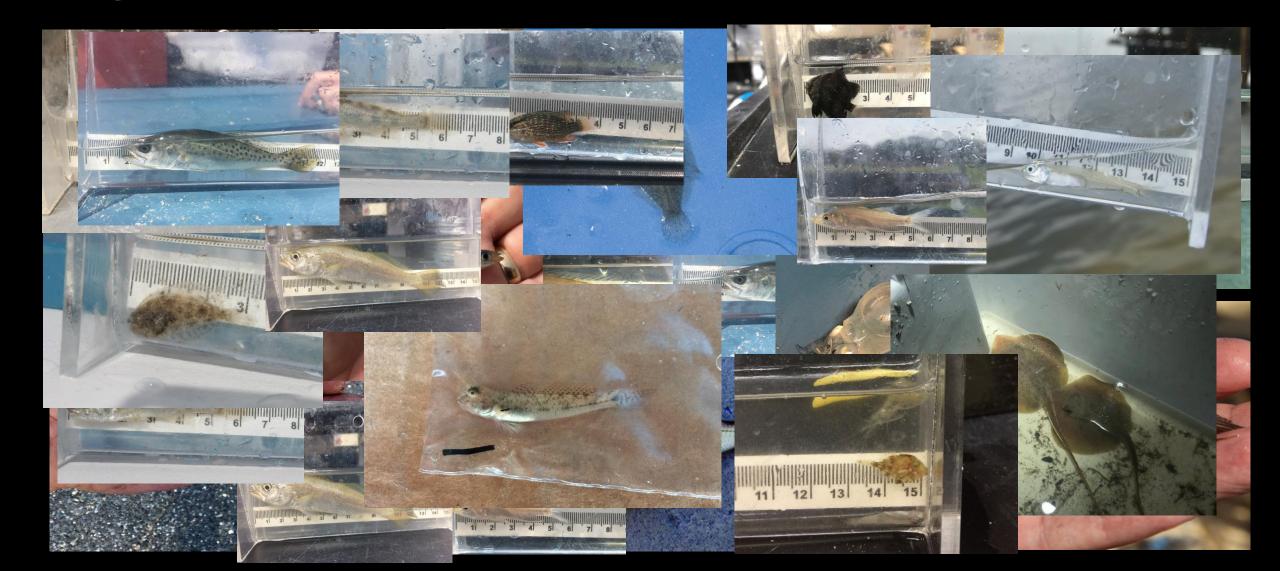
Closed, open* R=0.299 p=0.001 Open, open* R=0.2 p=0.002



Lake, river R=0.311 p=0.001

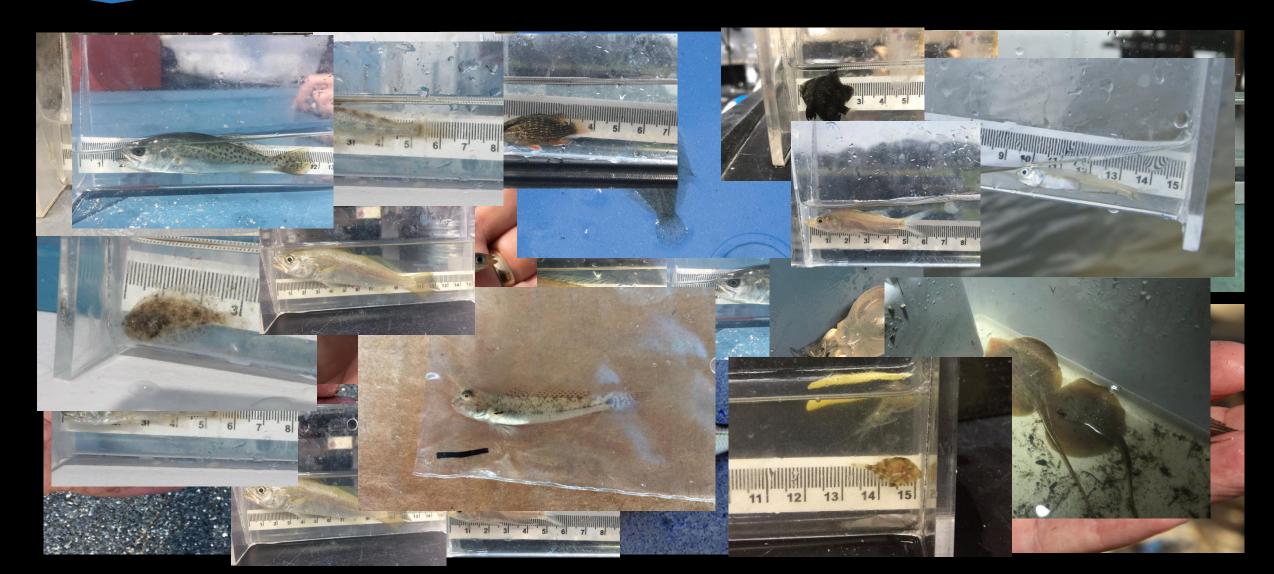


Night, day R=0.106 p=0.002





Results: Similarity Percentages (SIMPER)





Results: Similarity Percentages (SIMPER)















Results: Dam status





















Results: Die





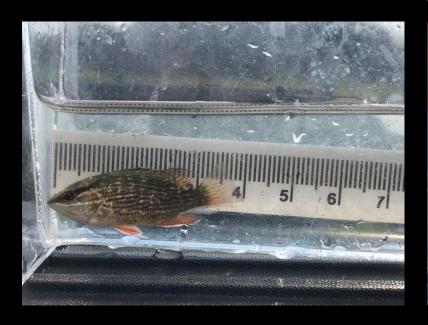






Take Aways

- -More data to be had
- -Patterns starting to emerge (maybe)
- -Could be seasonal
- -Time will tell









Acknowledgements

Shannon Dunnigan
Shannon Rininger
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Mike Dickson
My wife



