

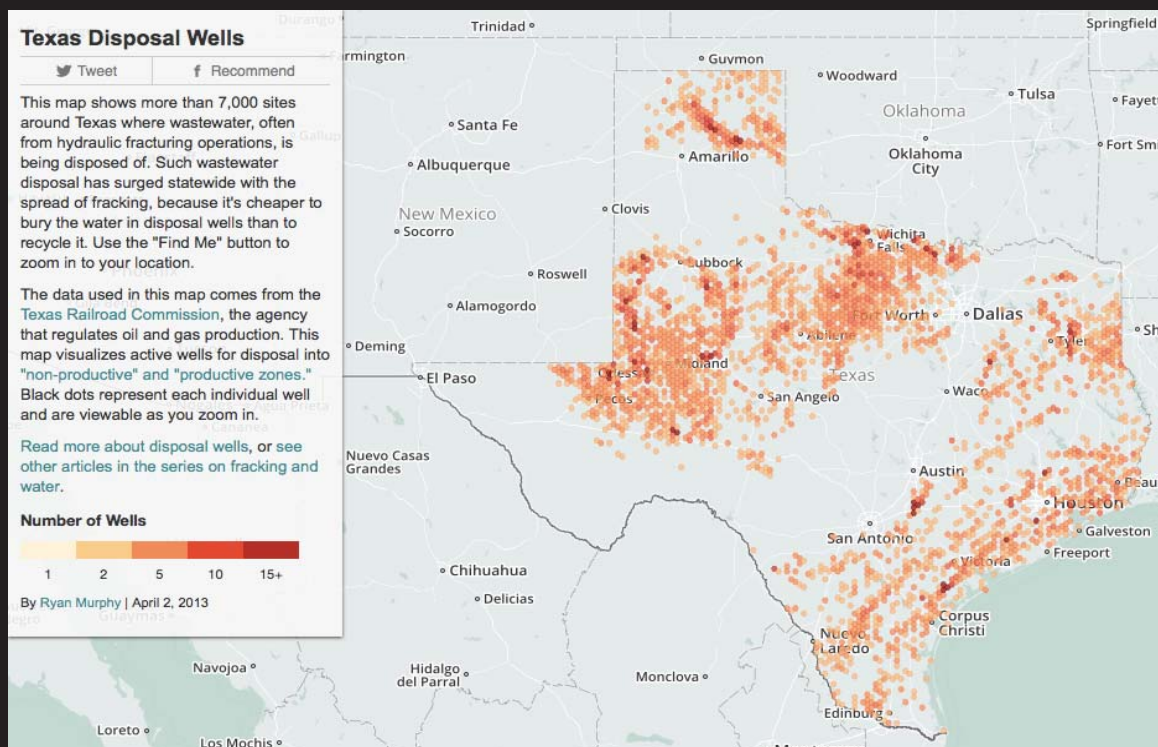
Why and How to Reuse Oil and Gas Wastewater

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MCELROY,
SULLIVAN,
MILLER,
WEBER &
OLMSTEAD, L.L.P.

Texas has 7,717 active disposal wells



Texas Tribune 4.2.2013

COMMERCIAL WASTEWATER DISPOSAL

2011 – 2016

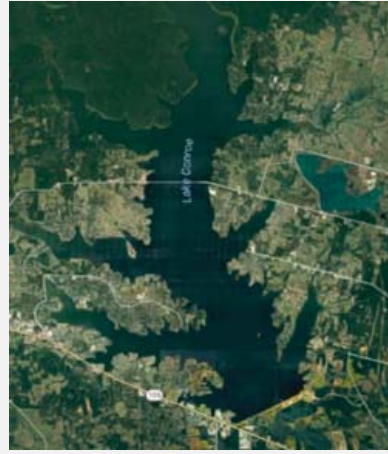
245B Gallons

1.5x Lake Conroe

2016

42B Gallons

≈2x Austin Residential Use (2015)



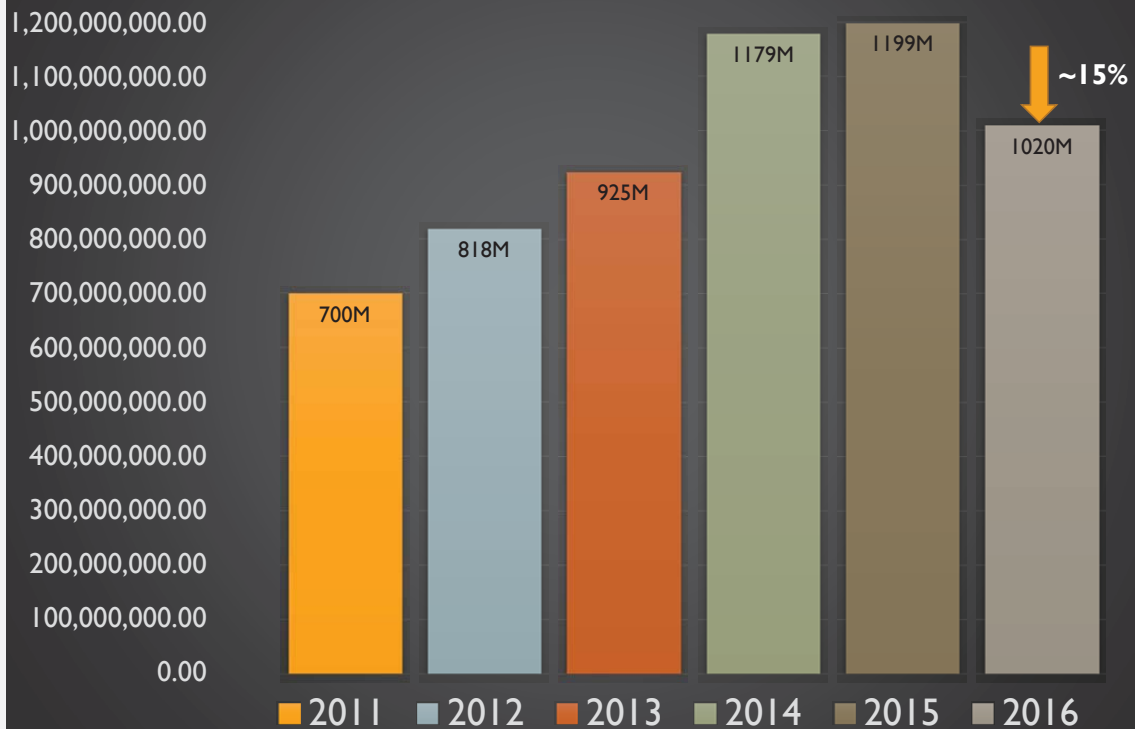
2015 TWDB Water Use Survey

CONNECTIONS/USAGE:	CONNECTIONS	VOLUME (GALLONS)
Total Metered Retail	221040	35375189200
Residential - Single Family	197401	13555634200
Residential - Multi Family	5833	8706481900
Institutional	194	994655100
Commercial	17604	9338981800
Industrial	8	2779436200
Agriculture	0	0
Reuse	0	0
Total Unmetered	0	85812164

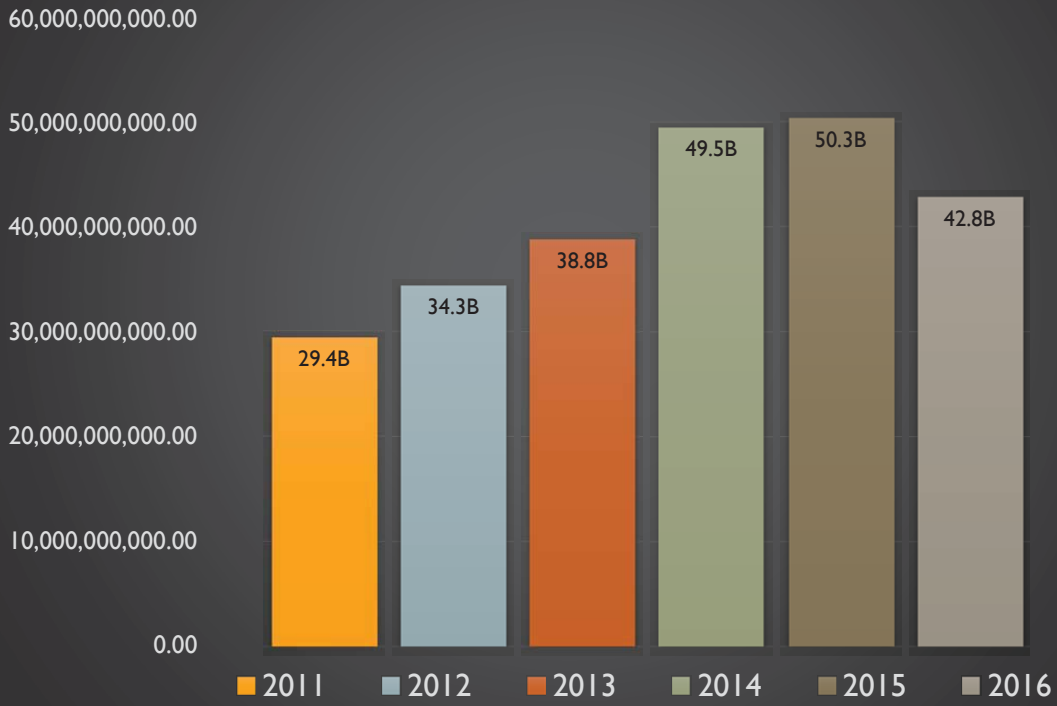
WATER SYSTEM INFORMATION:

Estimated full-time residential population served directly by this system	926,624
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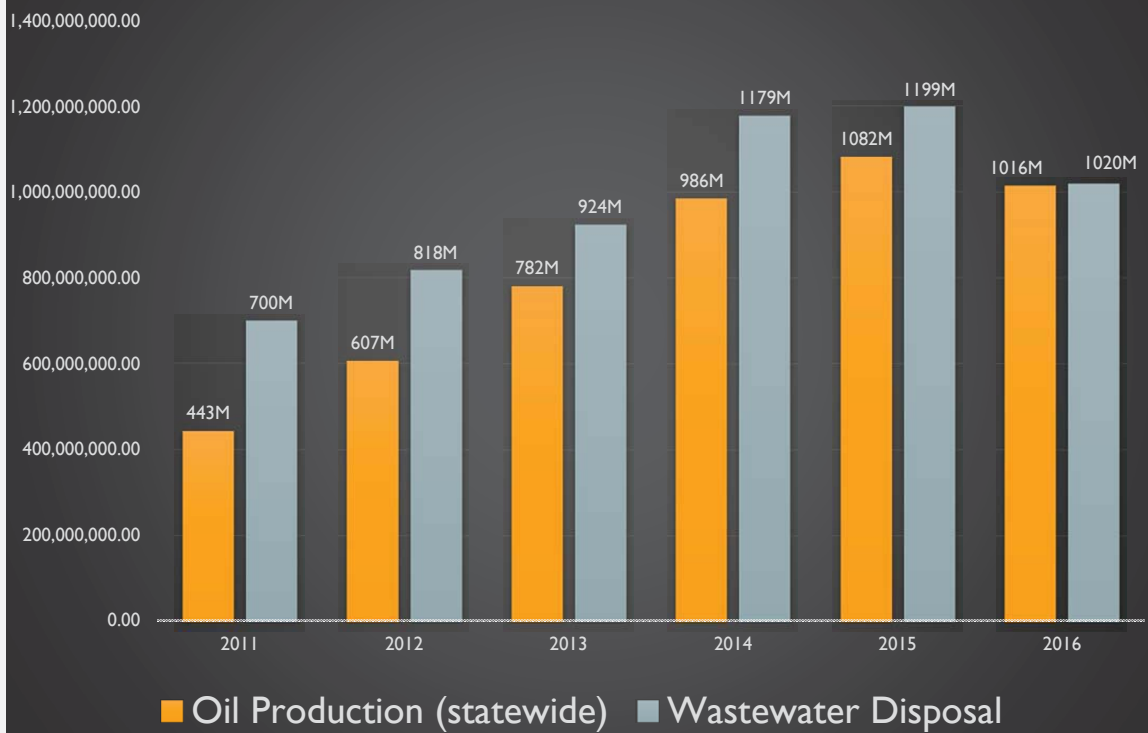
COMMERCIAL WASTEWATER DISPOSAL (barrels)



COMMERCIAL WASTEWATER DISPOSAL (gallons)



Recycling Trend?



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"Why and How to Recycle Oil and Gas Wastewater"