Wastewater Volume Forecast FY 2018

Wastewater Customers by Class

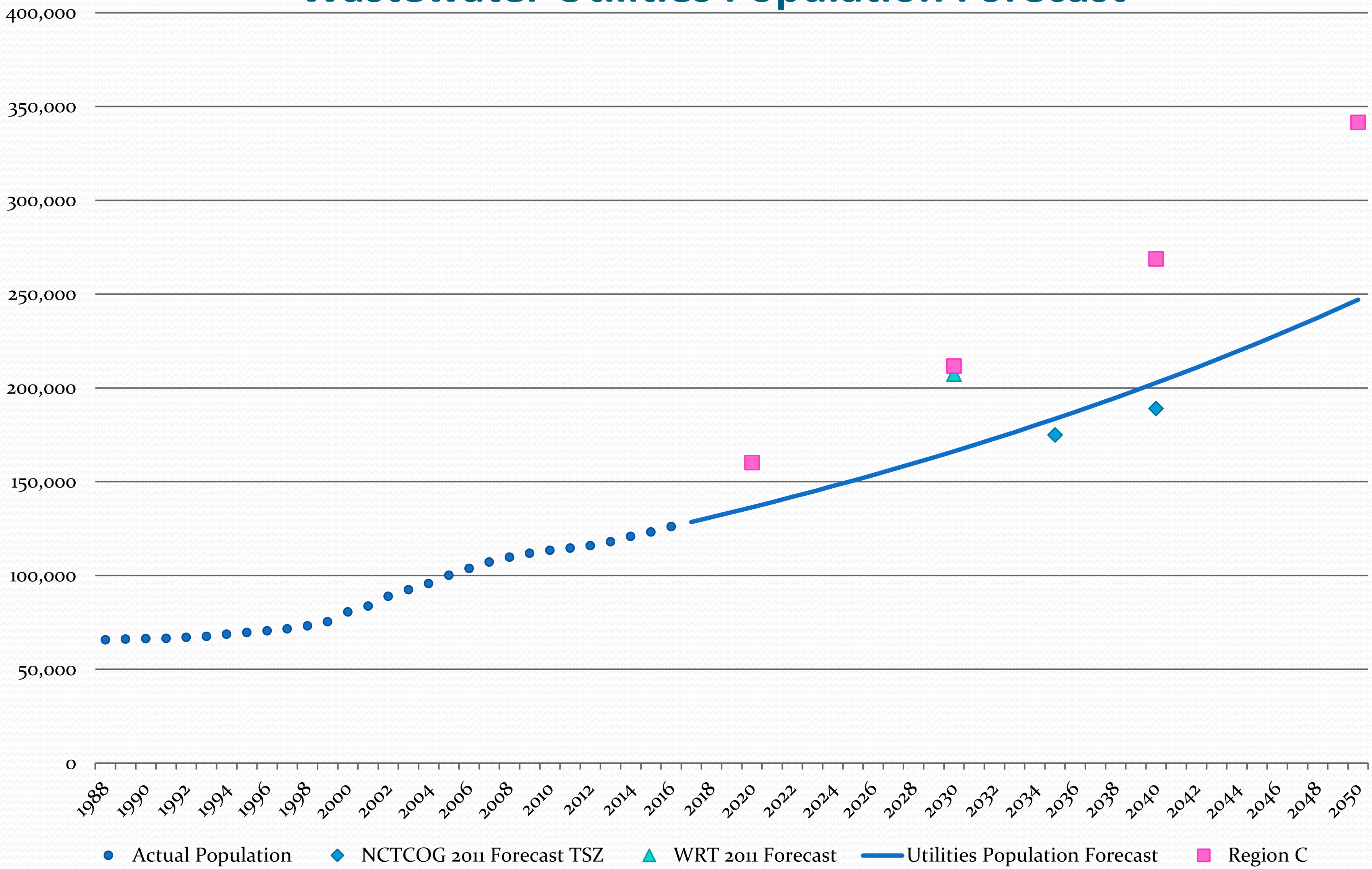
Fiscal Year	Residential		Commercial		Wholesale	Total
2012	26,691	0.8%	3,066	1.1%	4	29,761
2013	26,995	1.1%	3,091	0.8%	4	30,090
2014	27,548	2.0%	3,148	1.8%	4	30,700
2015	28,048	1.8%	3,178	1.0%	4	31,230
2016	28,851	2.9%	3,211	1.0%	4	32,066
2017	29,486	2.2%	3,253	1.3%	4	32,742
2018	**30,134**	**2.2%**	**3,295**	**1.3%**	**4**	**33,433**
2019	30,797	2.2%	3,338	1.3%	4	34,139
2020	31,475	2.2%	3,381	1.3%	4	34,860
2021	32,167	2.2%	3,425	1.3%	4	35,597
2022	32,875	2.2%	3,470	1.3%	4	36,349
2023	33,598	2.2%	3,515	1.3%	4	37,117
2024	34,337	2.2%	3,561	1.3%	4	37,902
2025	35,093	2.2%	3,607	1.3%	4	38,704
2026	35,865	2.2%	3,654	1.3%	4	39,523
2027	36,654	2.2%	3,701	1.3%	4	40,359

Wastewater Discharge by Customer Class

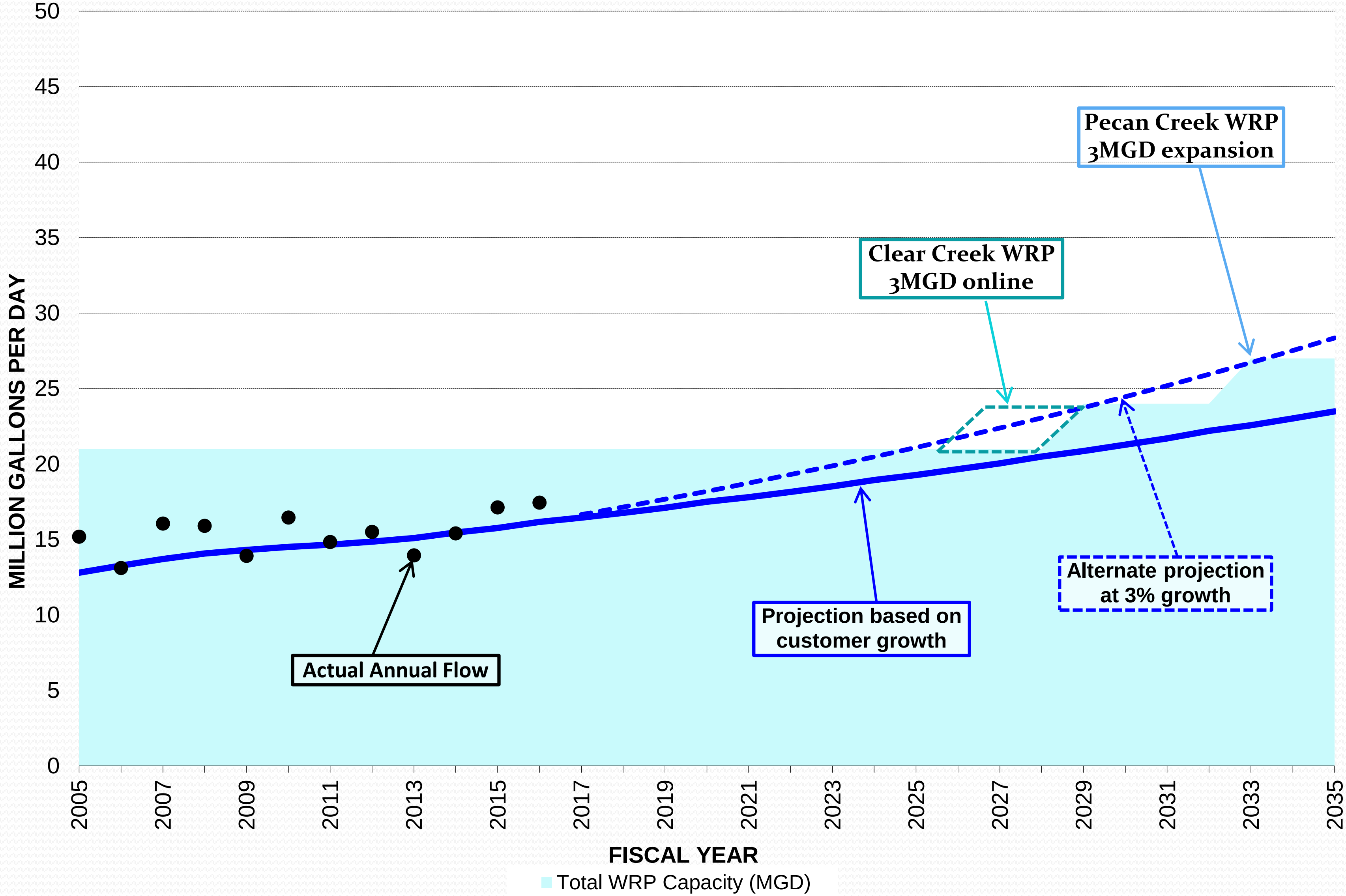
(MGD)

Fiscal Year	Residential	Commercial	Wholesale	Total
2012	4.76	5.44	0.49	10.70
2013	4.95	5.27	0.52	10.74
2014	4.88	5.41	0.58	10.87
2015	4.61	5.43	0.59	10.62
2016	4.64	5.78	0.68	11.10
2017	4.70	5.83	0.70	11.24
2018	**4.76**	**5.90**	**0.71**	**11.39**
2019	4.83	5.97	0.72	11.54
2020	4.90	6.05	0.73	11.70
2021	4.98	6.13	0.74	11.87
2022	5.07	6.21	0.75	12.06
2023	5.16	6.30	0.76	12.25
2024	5.26	6.39	0.77	12.45
2025	5.37	6.49	0.78	12.67
2026	5.48	6.59	0.79	12.89
2027	5.60	6.70	0.80	13.13

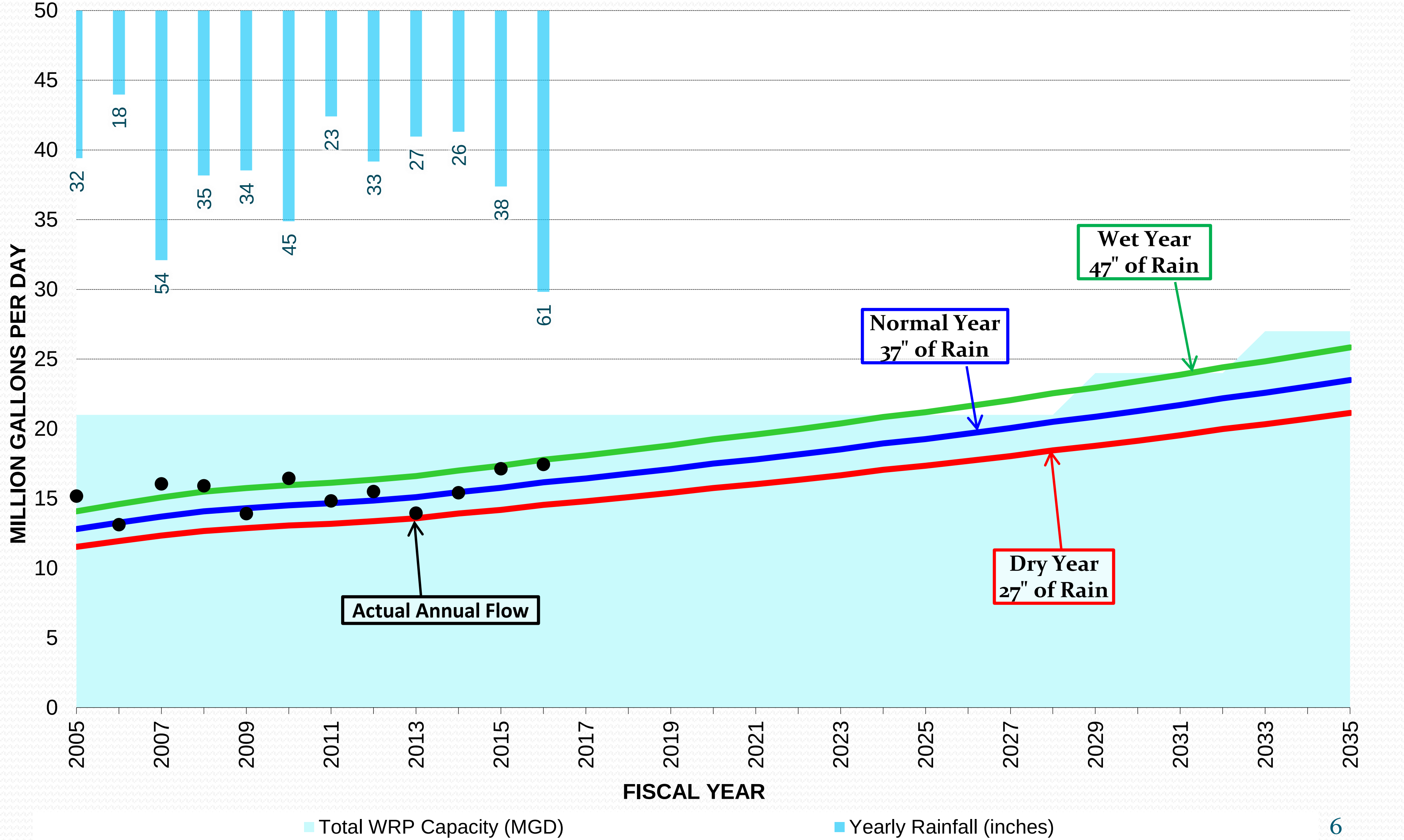
Wastewater Utilities Population Forecast



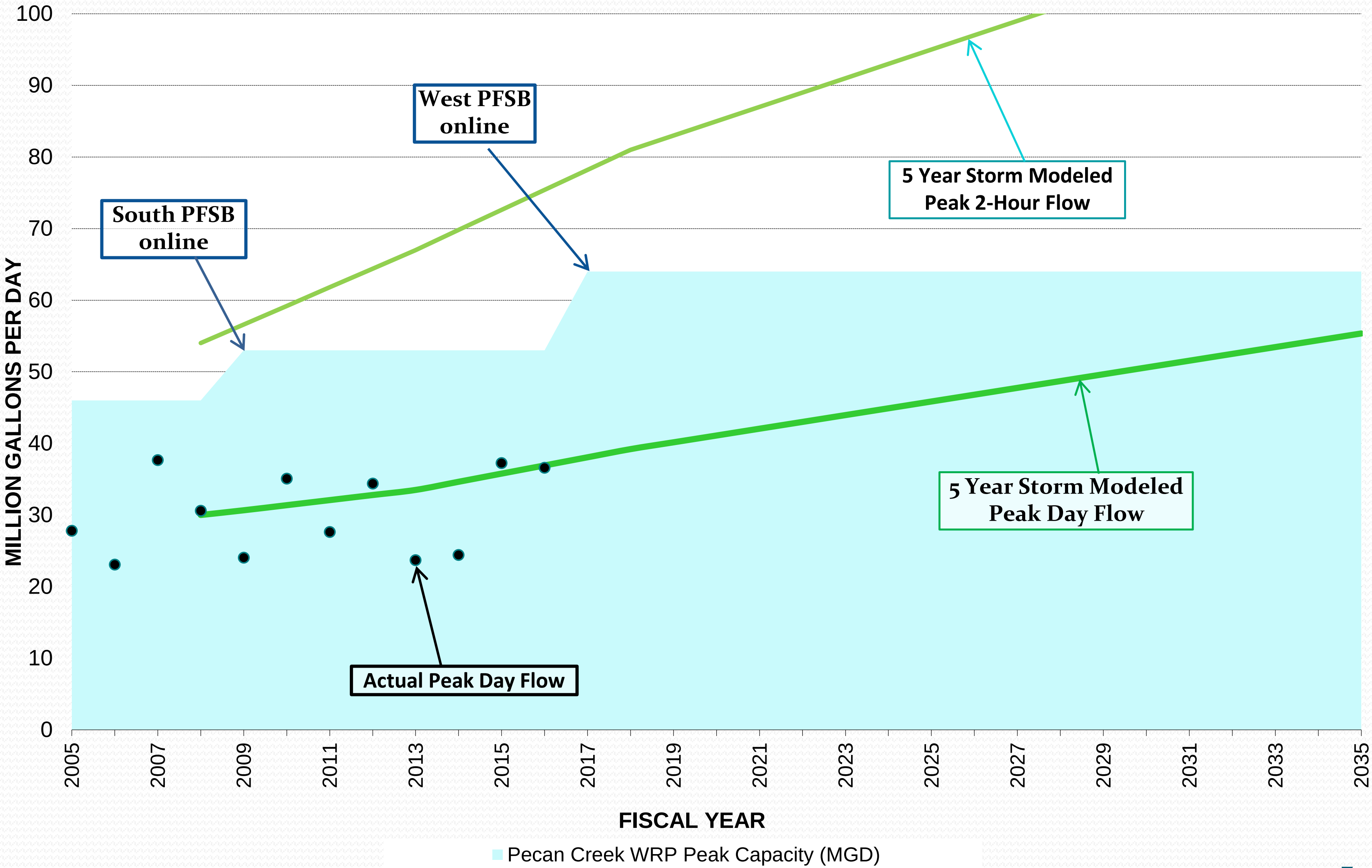
Historical and Projected Flows Versus Treatment Capacity



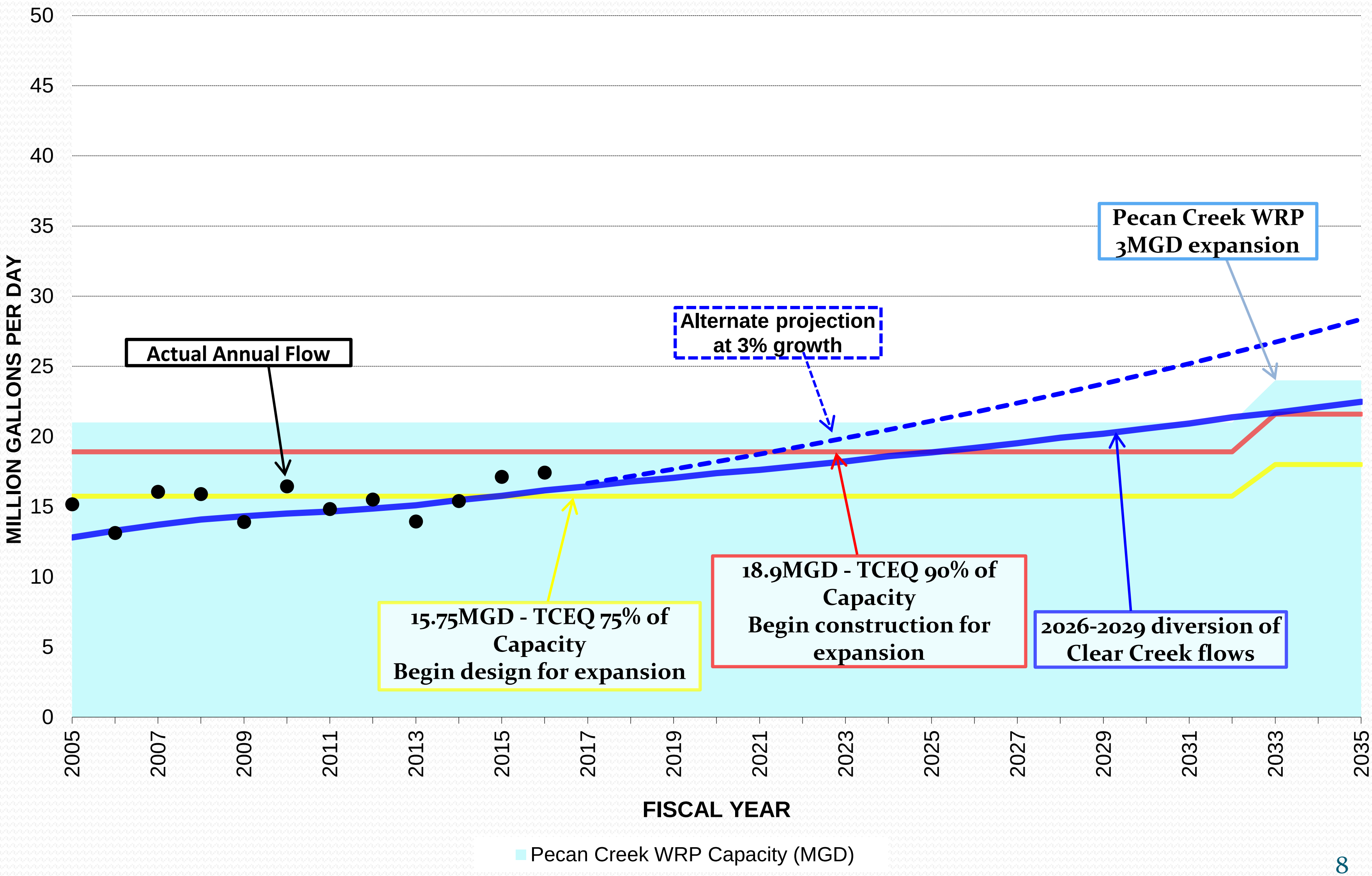
Historical and Projected Flows Versus Treatment Capacity, Weather Scenarios



Peak Flows Versus Peak Treatment Capacity



Pecan Creek Plant Flows Versus Treatment Capacity



Reserves

	Wastewater
Working Capital	8%
Operating Reserves	20-31%
Total	28-39%
Operating Days	(100-140 days)

- Working capital ("WC") provides liquidity for payables and payment cycles. Funds above this level are applied to the operating reserve.
- Operating reserves ("OR") help managing expense and demand volatility, cover emergencies, and improve overall resiliency. In general, Funds with more stable revenue collection can consider lower OR targets.
- As outlined in the Utilities Financial Strategies, Funds above operating reserves may be used for debt reduction payments, one-time capital expenses, capital funding using cash, or various rate increase mitigation strategies.

Questions?