






Georgia's
State Water Plan

Assessment Forecasts Update



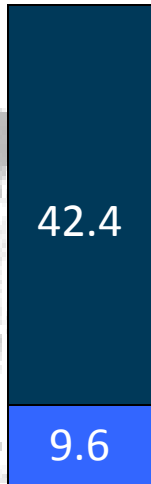


-  municipal demand
-  self-supply demand
-  plumbing code based water savings

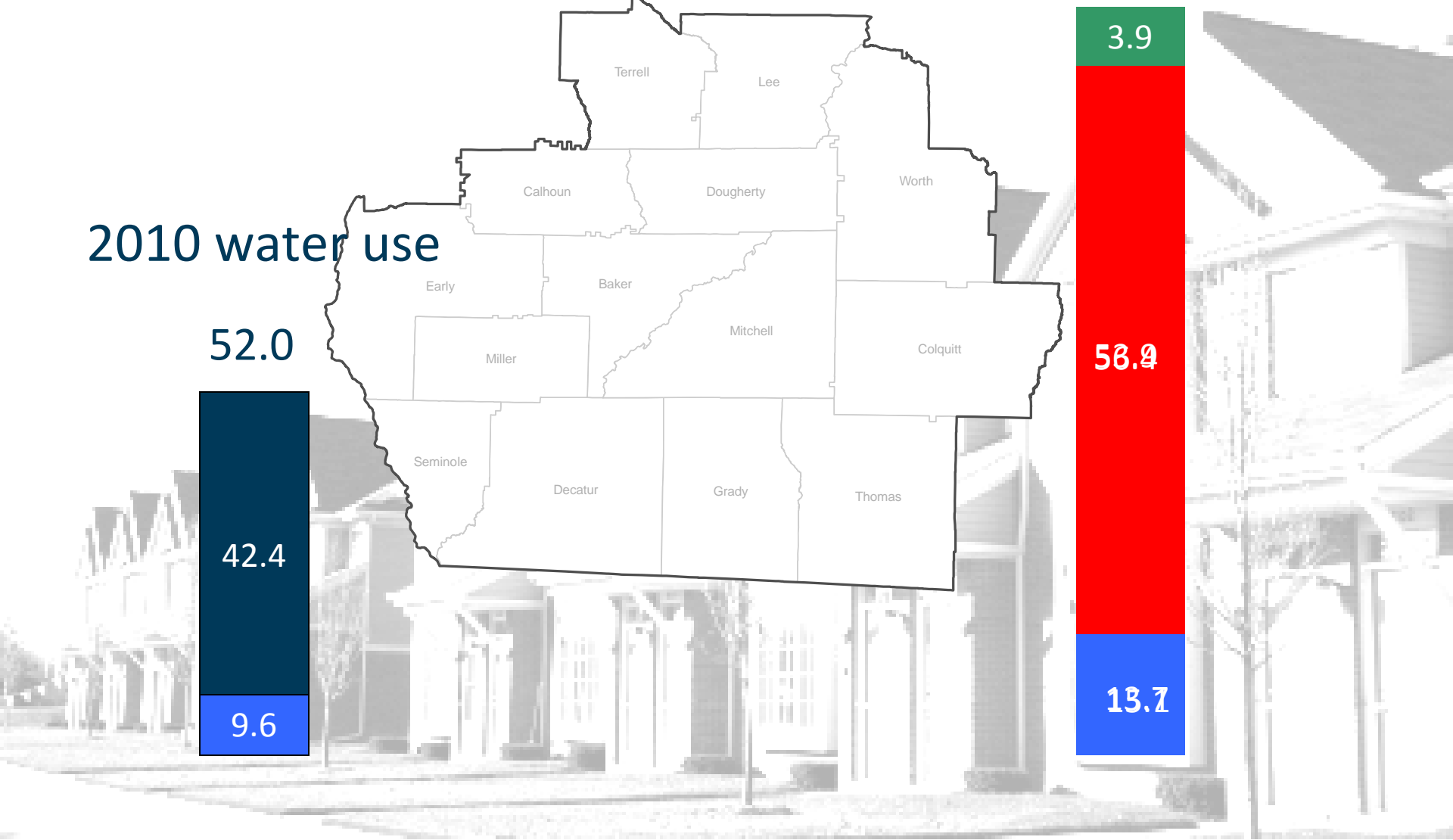
2050 water use



2010 water use

52.0



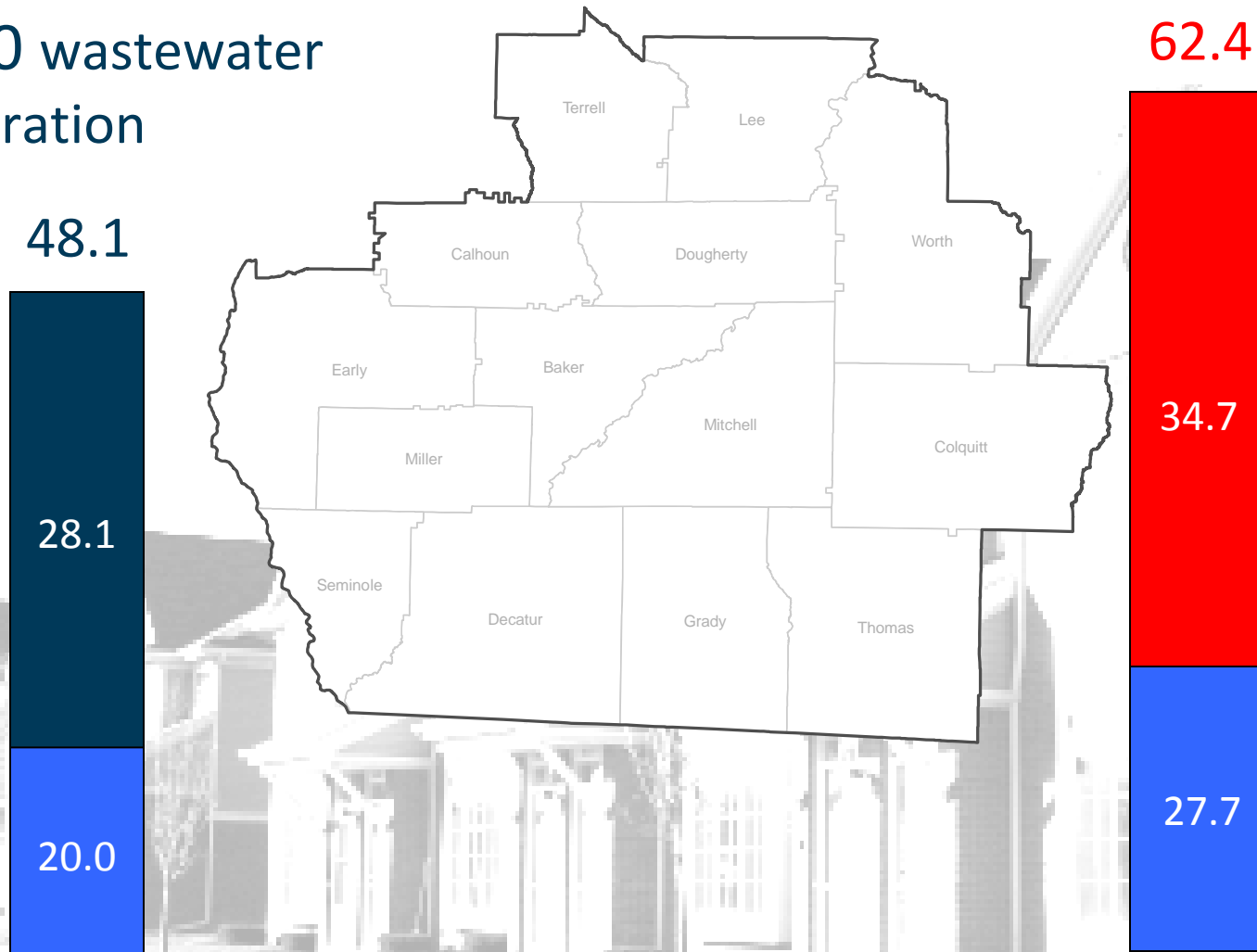
71.5



-  centralized disposal
-  septic disposal

2050 wastewater generation

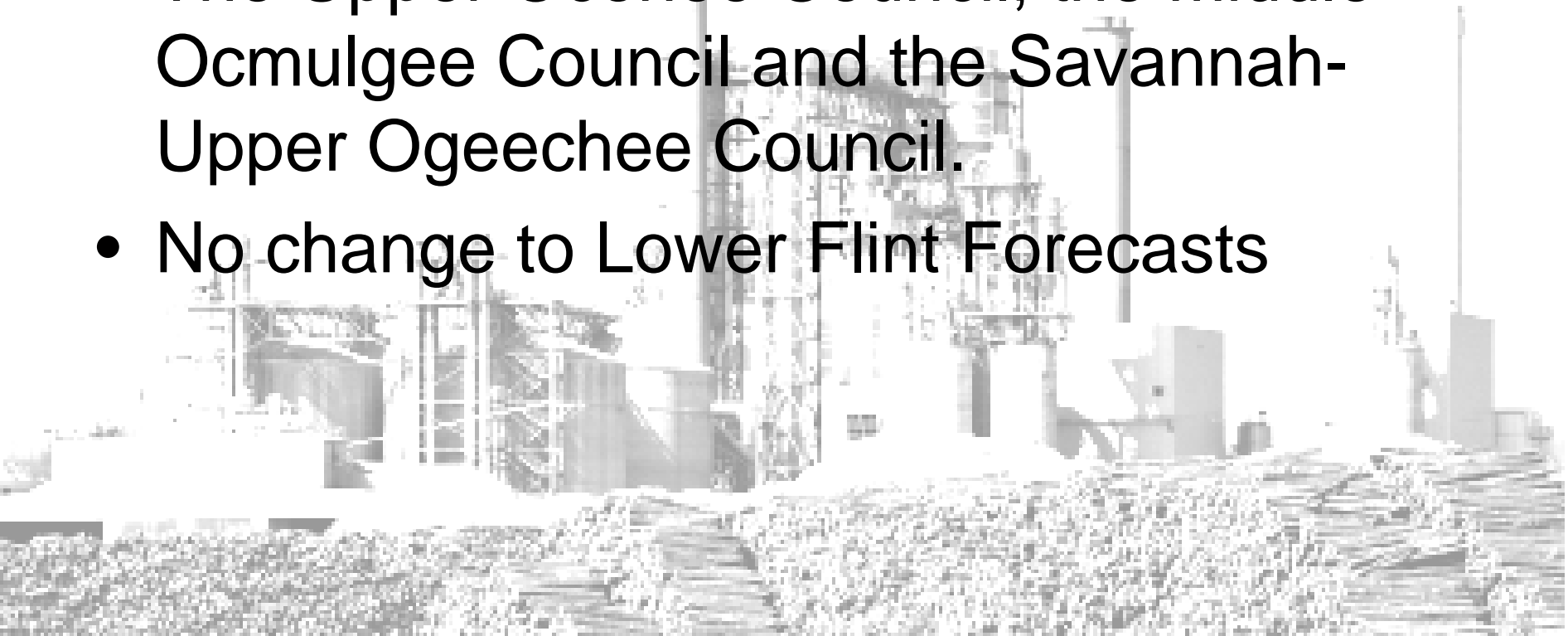
2010 wastewater generation

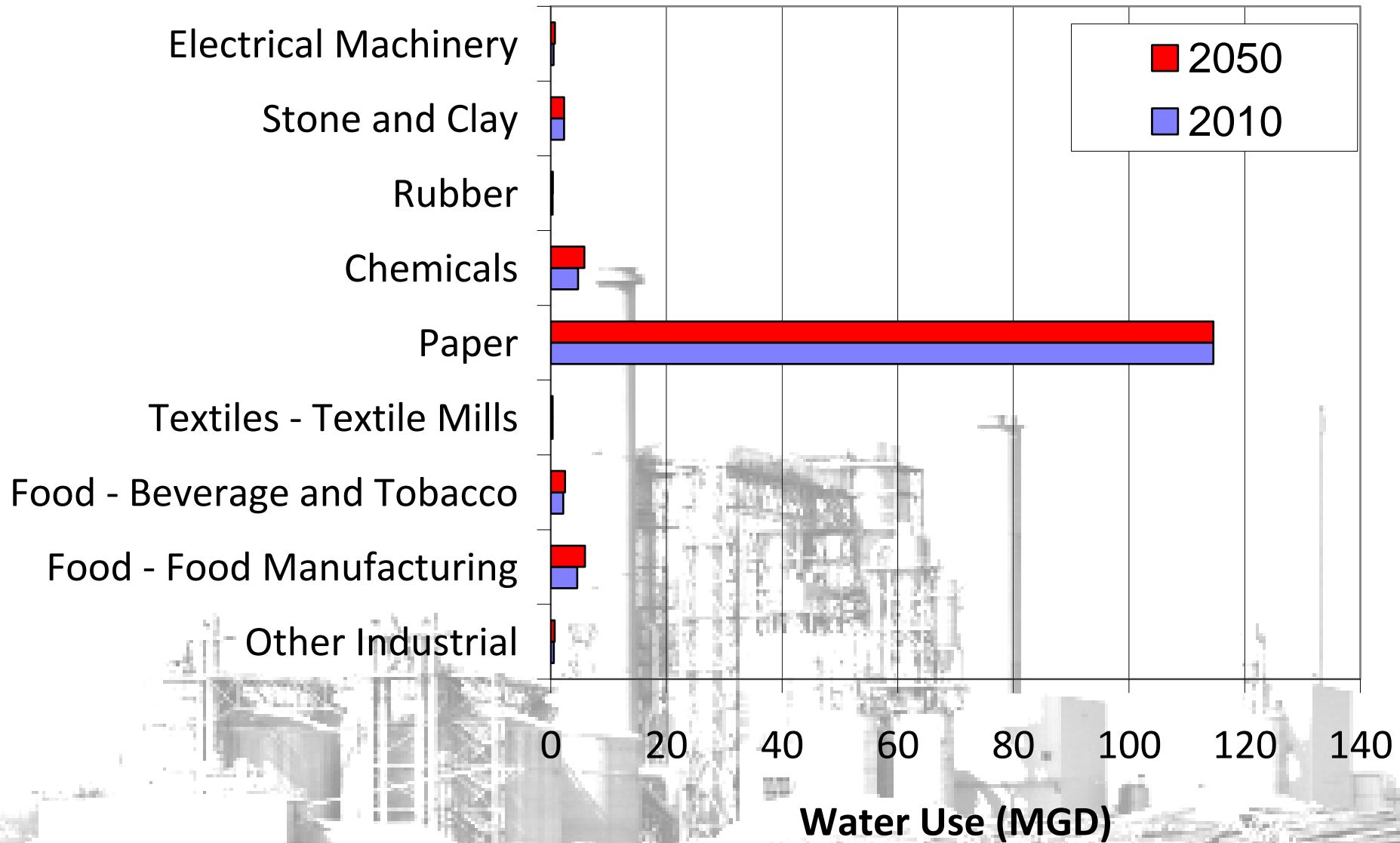


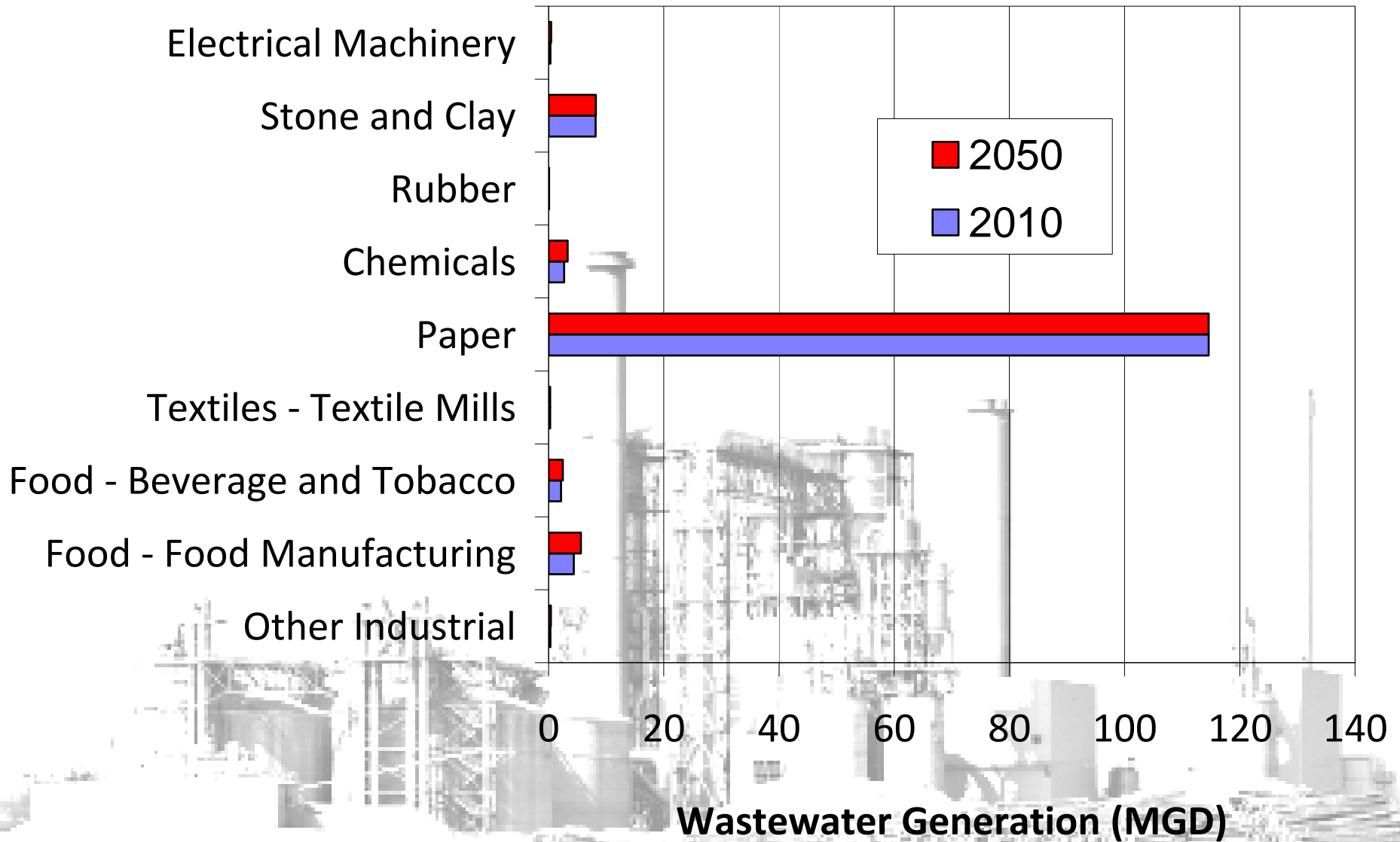


Georgia Mining Update

- More information submitted in April
- Kaolin Clay hydrous processing facilities
- The Upper Oconee Council, the Middle Ocmulgee Council and the Savannah-Upper Ogeechee Council.
- No change to Lower Flint Forecasts









Agricultural Water Use Forecasts

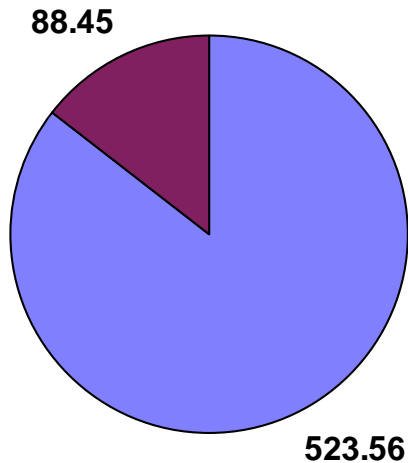
- Dr. Hook updated Agricultural Forecasts. Available online
 - Row, specialty, & other crops
 - Container, in-ground, greenhouse, & nurseries
 - Golf courses
- Livestock forecasted at the county level only, not projected forward or modeled in resource assessments.

Agricultural Water Use Forecasts

Lower Flint-Ochlockonee Agricultural Water Use Forecasts (MGD Annual Average)						
County	Surface Water		Groundwater		Total	
	2010	2050	2010	2050	2010	2050
Baker	3.8	4.2	39.1	44.0	42.9	48.3
Calhoun	12.4	13.6	16.1	17.2	28.6	30.8
Colquitt	21.0	28.7	28.3	38.8	49.3	67.6
Decatur	2.6	3.5	66.6	84.6	69.2	88.1
Dougherty	0.4	0.5	32.8	34.3	33.3	34.8
Early	7.6	8.6	33.1	37.0	40.7	45.6
Grady	8.0	9.2	14.3	16.0	22.3	25.2
Lee	6.5	6.9	38.2	40.4	44.6	47.3
Miller	0.4	0.4	54.4	64.2	54.8	64.6
Mitchell	5.2	6.1	95.0	107.7	100.2	113.8
Seminole	0.5	0.5	53.3	63.2	53.8	63.7
Terrell	10.1	11.5	15.6	17.6	25.7	29.1
Thomas	1.6	1.9	12.3	14.3	13.9	16.2
Worth	8.3	10.1	24.4	29.8	32.8	39.9
TOTAL	88.4	105.9	523.6	608.9	612.0	714.9

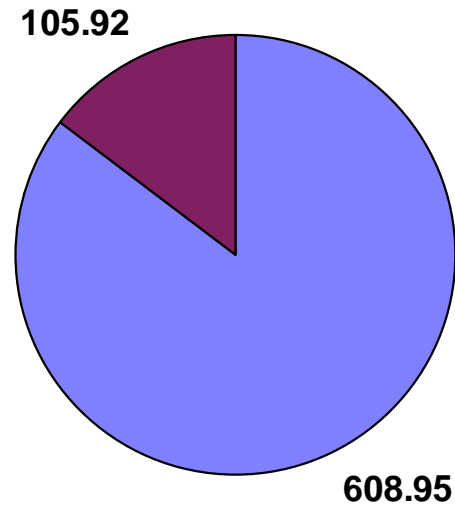
Agricultural Water Use Forecasts

2010



Total = 612 MGD

2050



Total = 715 MGD







- Energy forecasts are ongoing

- Historical analyses of population growth and energy consumption
- Energy ad hoc group – mix of energy sources, location of planned facilities
- Use of current energy based withdrawal data to be used in the short term for surface water resource assessments

Water Withdrawal

GA Power Plant Mitchell	NEWTON	120.09
GA Power Plant Franklin	COLUMBUS	1.15
Crisp County Power Comm - Steam	ALBANY	0.76





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Preliminary Forecast Results