



Data Mining in Westminster

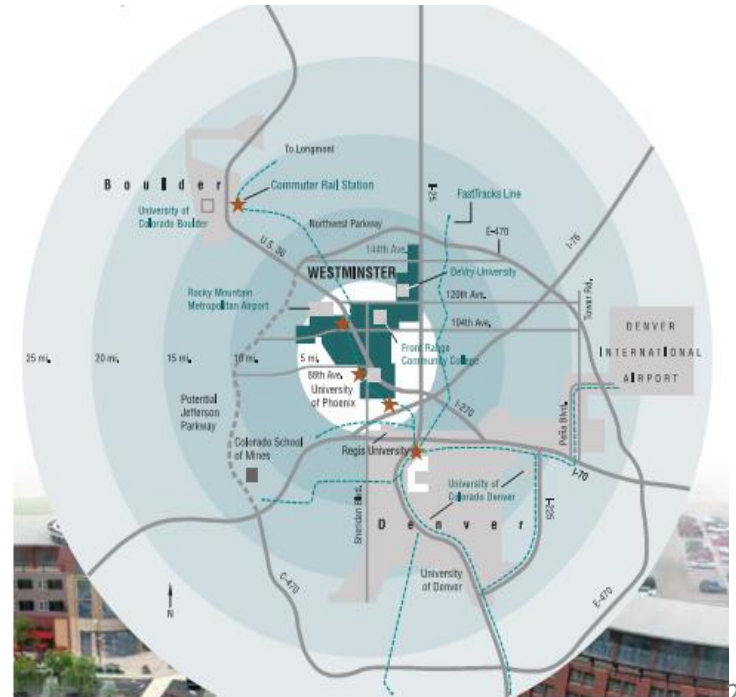
RMLUI

March 5, 2020

Stu Feinglas

Who is Westminster?

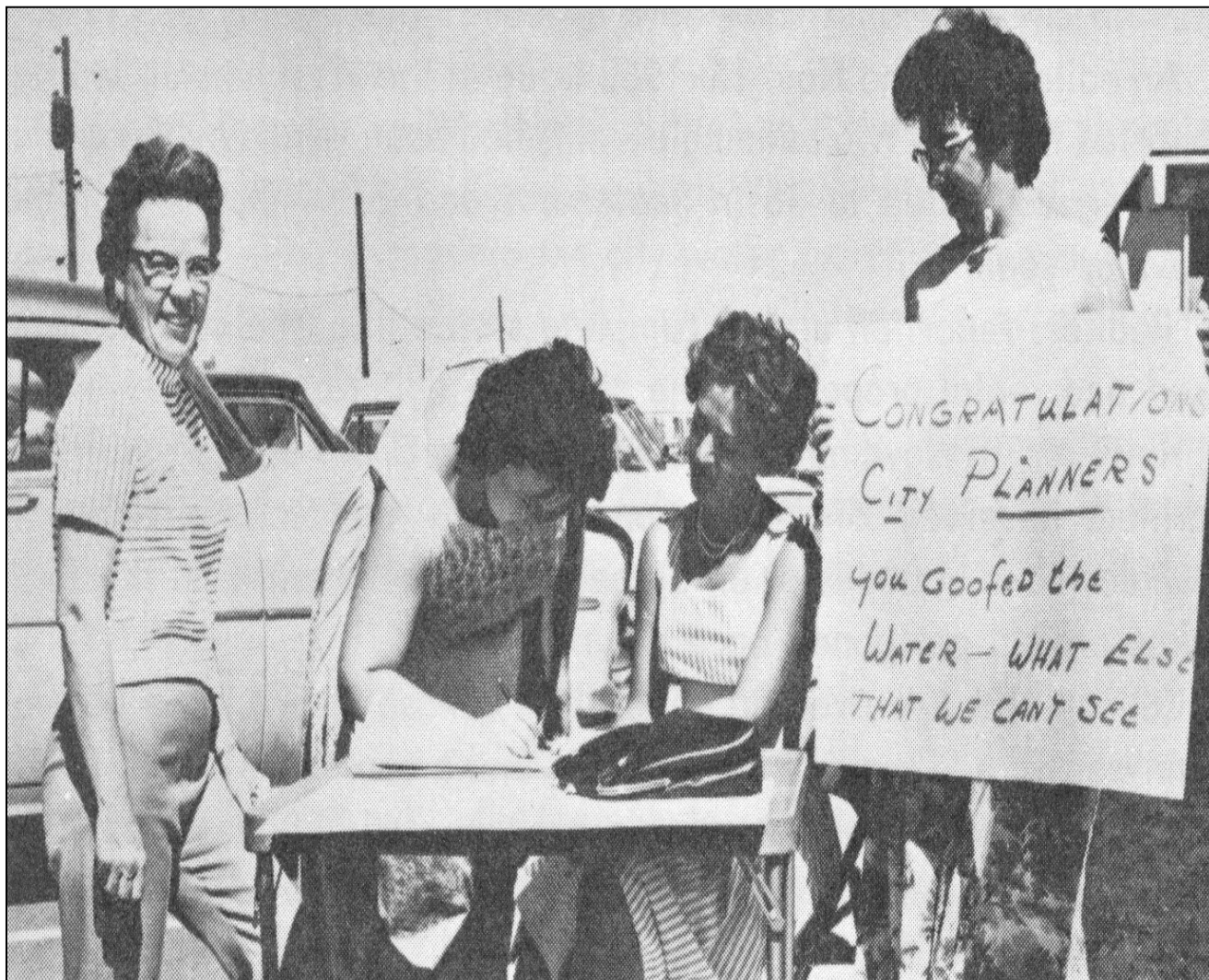
- 115,520 population (2017 ESRI Analyst)
- 134,193 water service population
- 32,500 WATER CUSTOMERS
- 34 square miles
- Between Denver and Boulder on US Hwy 36 corridor



Historic Growth of Westminster

Year	Population
1920	235
1930	436
1940	534
1950	1,686
1960	13,850
1970	19,512
1980	50,211
1990	74,625
2000	100,940
2010	106,144
2017	115,520

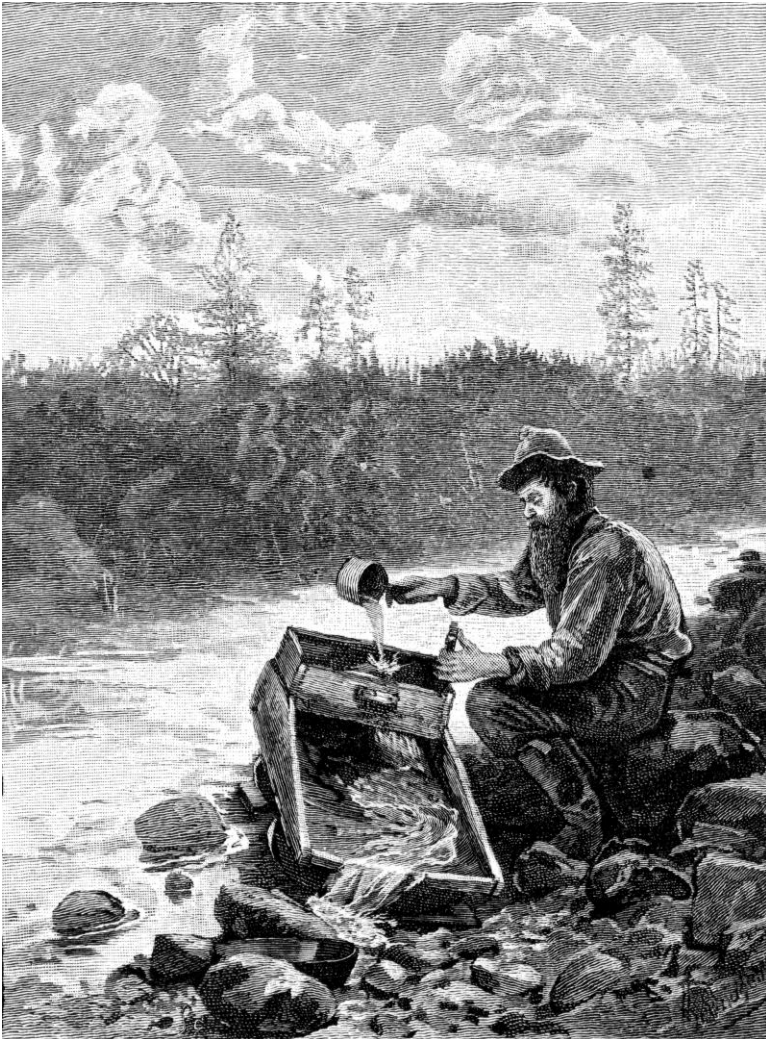
The Long, Hot Summer of '62



Cooperation is Often BORN of
Adversity and NEED



Data Mining Through the Years

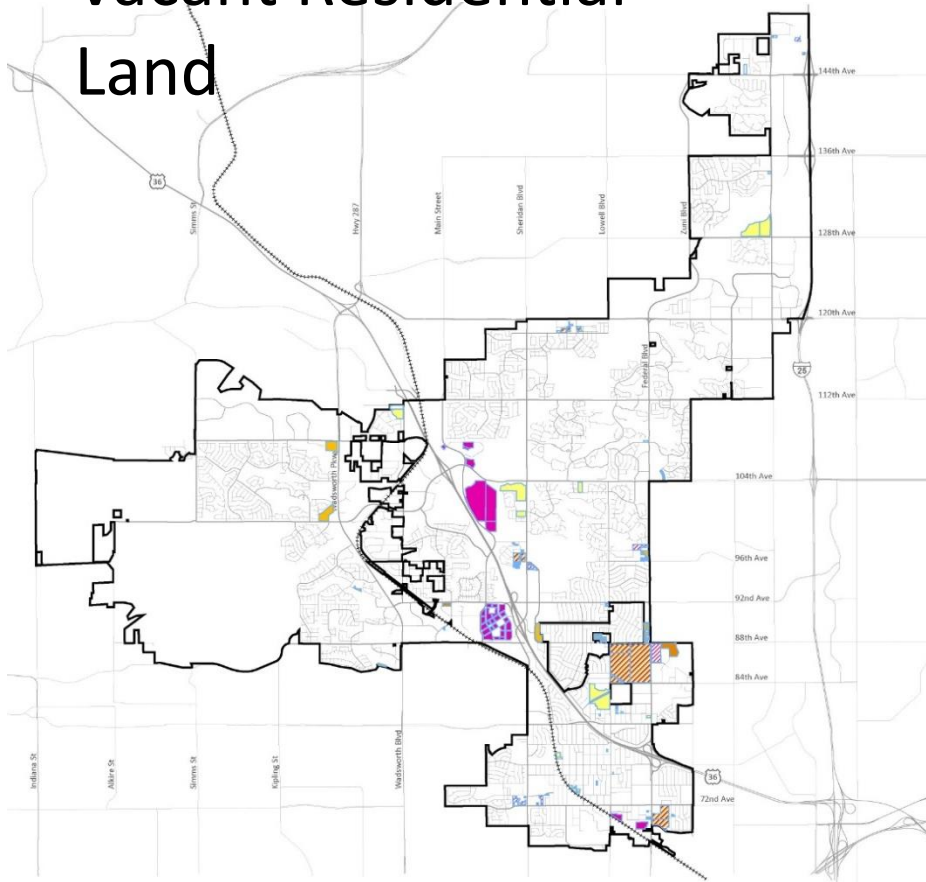


- Community Development
 - Approved active ODP
- Public Works & Utilities
 - Built and fully occupied
 - 2 – Years full water use

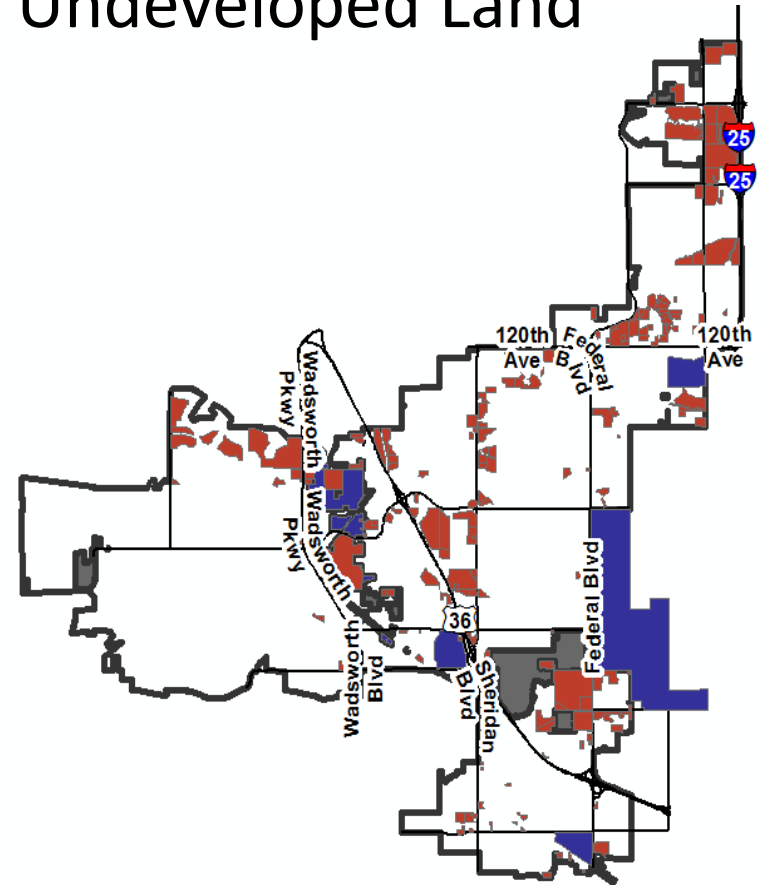


DEVELOPING A COMMON LANGUAGE

Community
Development
Vacant Residential
Land



Public Works &
Utilities
Undeveloped Land

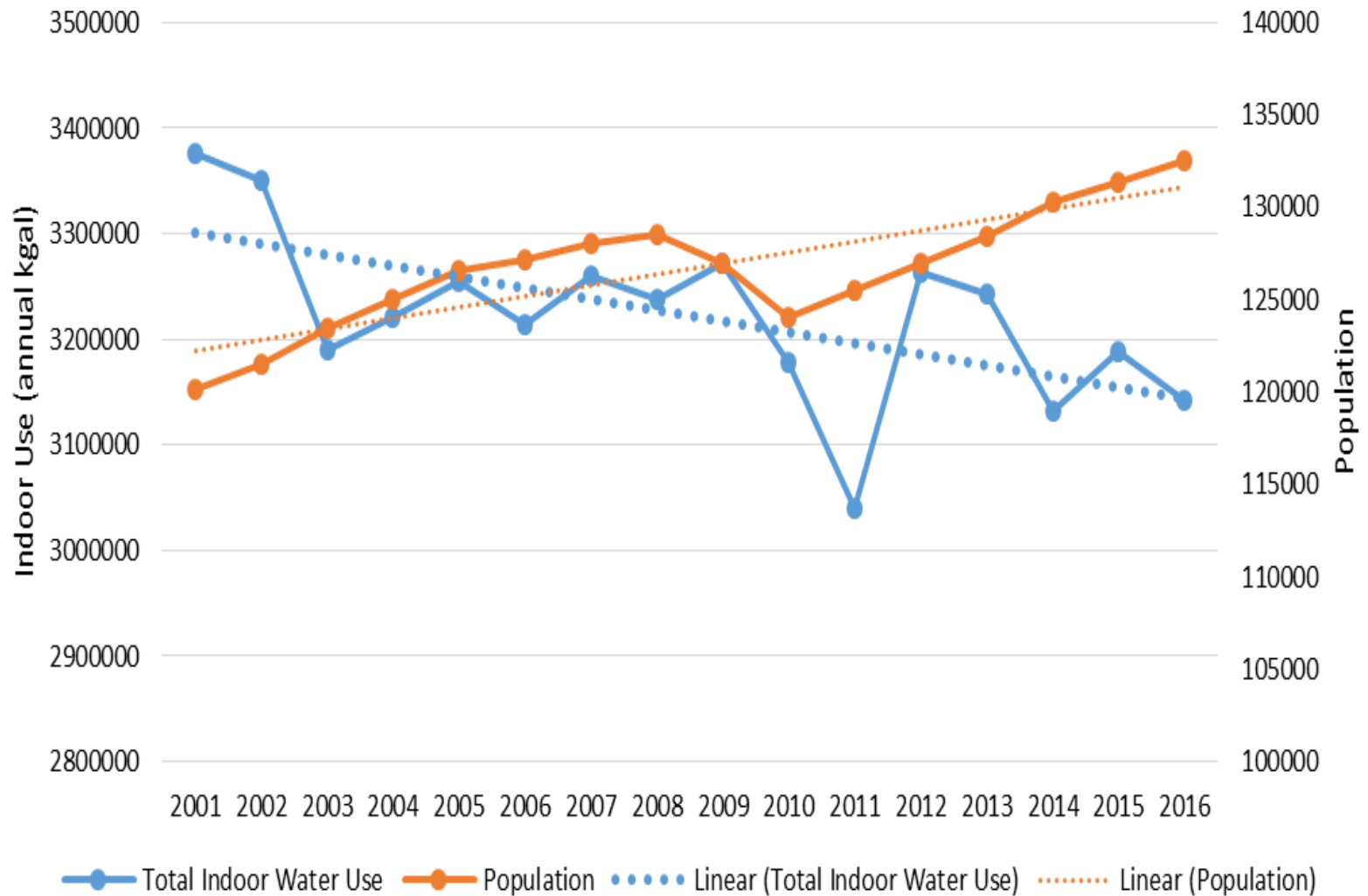


Tap Fee Water Use

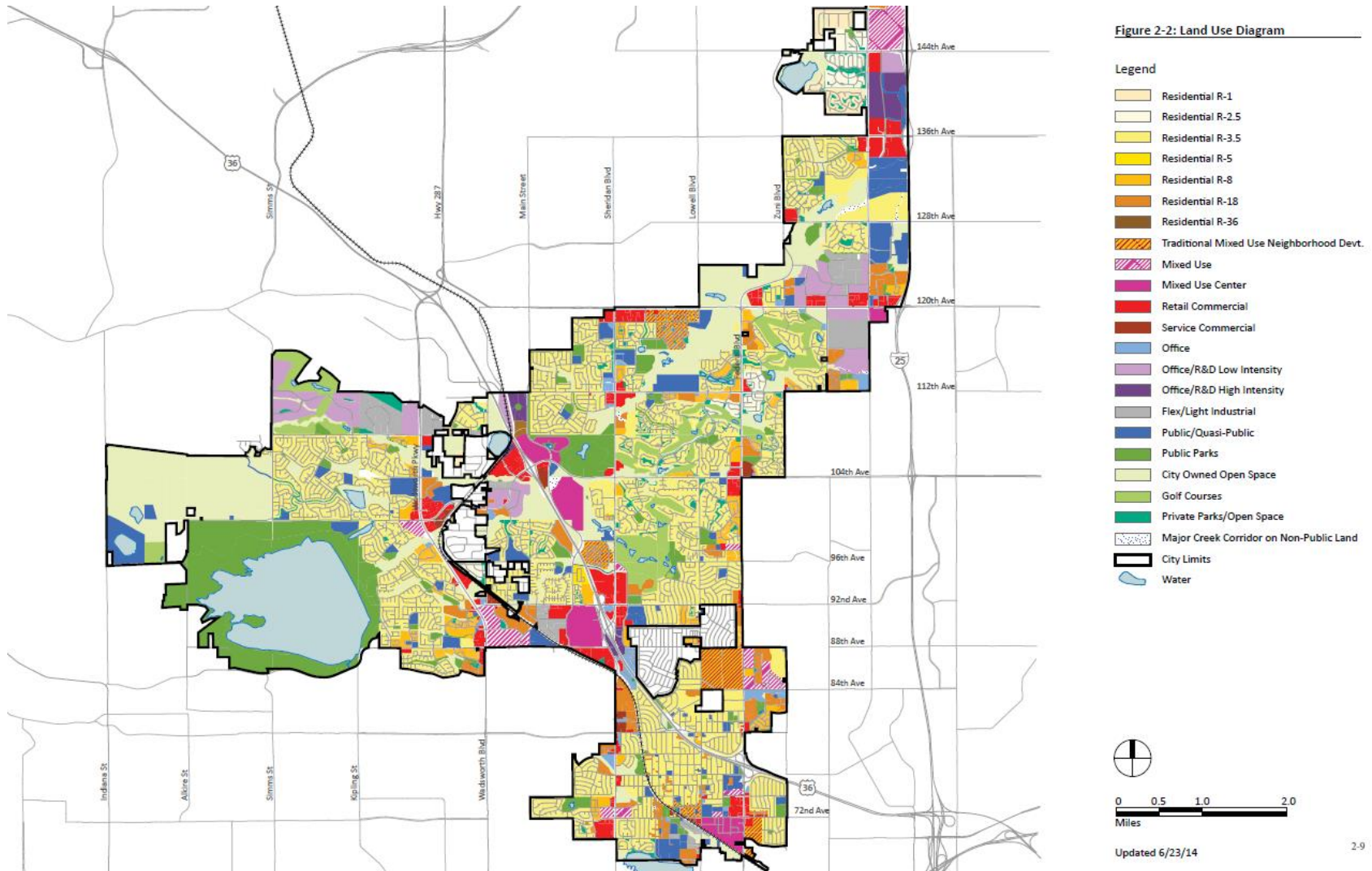
- Based on business type
- Charged per “Service Commitment” 140,000 annual gallons
- \$13,963 based on \$32,500/AF 2018

Category Name	Units	Unit Use * (gal/unit/yr)
Auto Service & Repair	sf	21.7
Car Wash	bay	2,100,000 (15 SC)
Childcare	sf	60
Church	sf	31.5
Clubhouse/Pool	unit	140000 (1 SC)
Grocery Store	sf	38.5
Gas Station no Car Wash	sf	242
Hospital	sf	59.97
Hotel/Motel	room	23566
Medical Office	sf	35.7
Multi-family	unit	69925
Office	sf	8
Recreation w/ pool	sf	148.8
Recreation w/o pool	sf	55
Restaurant	sf	200
Retail	sf	29
School	sf	12.4
Senior Housing includes irrigation	unit	0
Warehouse/Industrial	sf	7

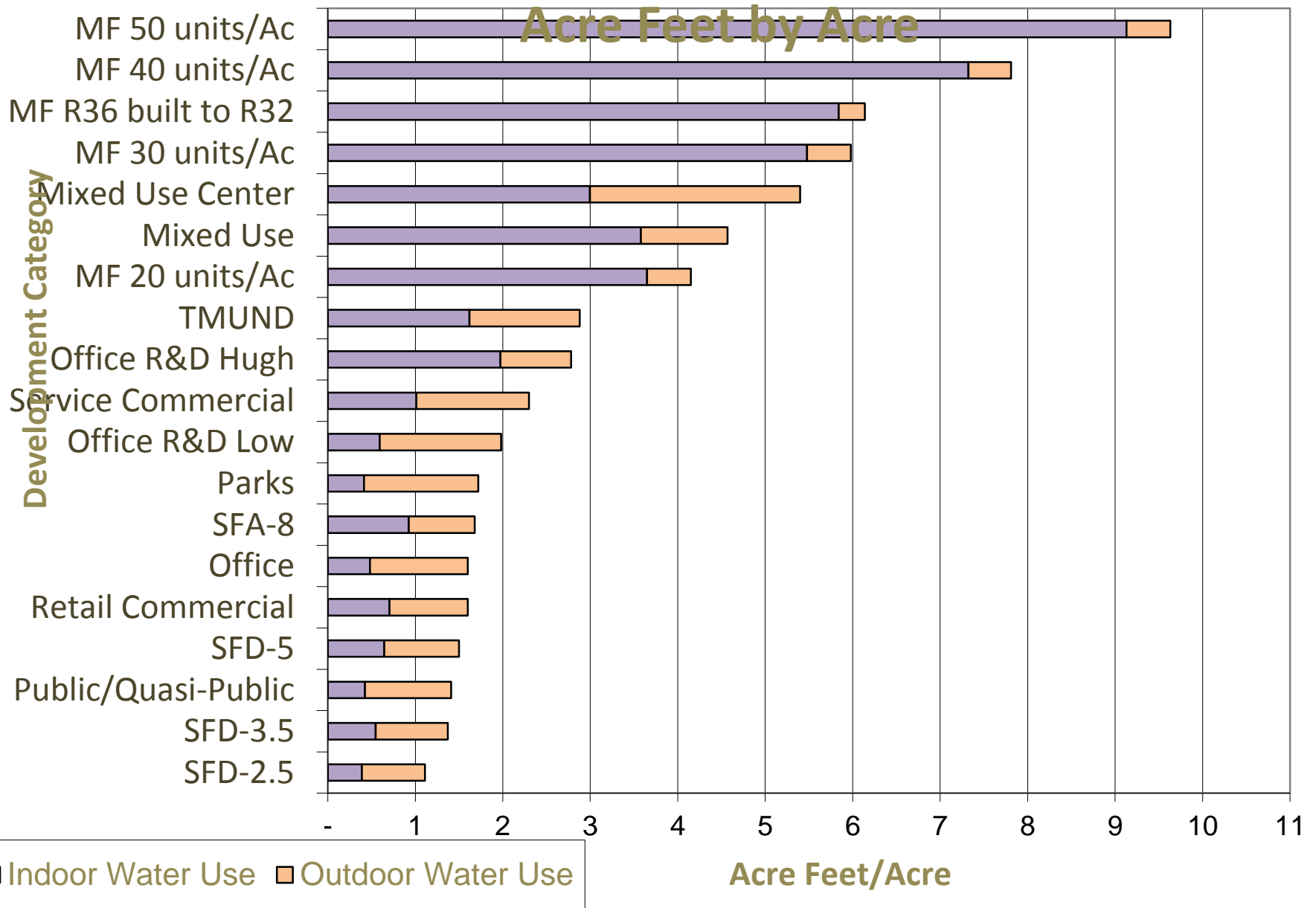
Total Annual Indoor Use vs. Served Population 2001 - 2016



Comprehensive Plan

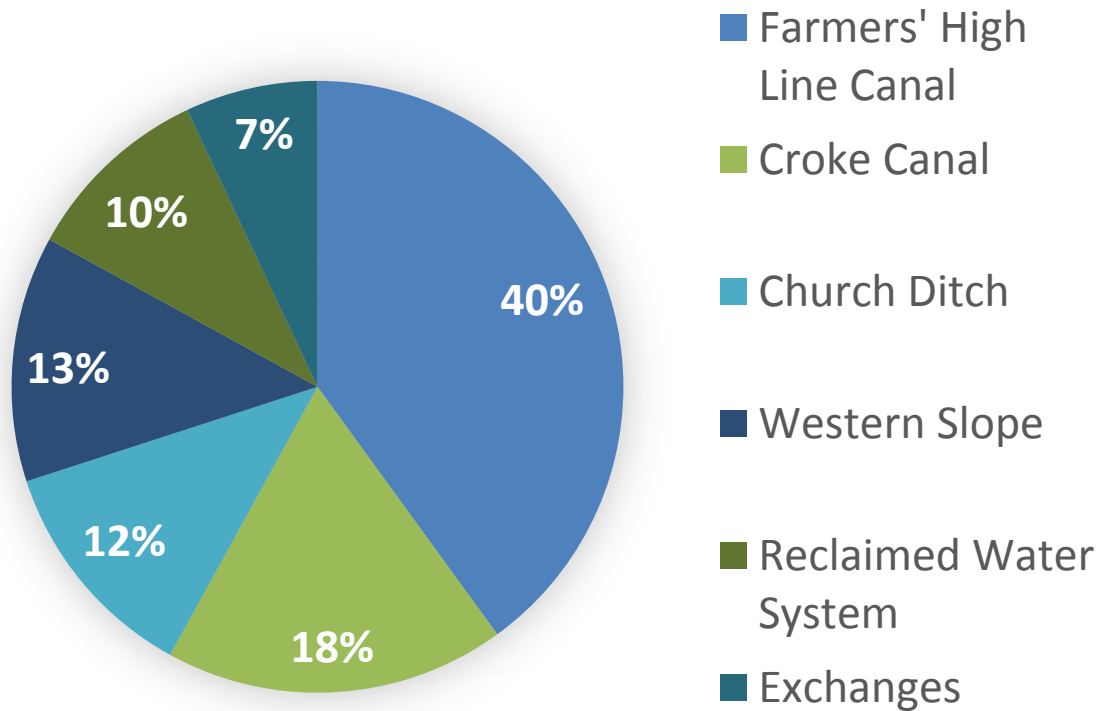


2013 CLUP Water Use By Development Type

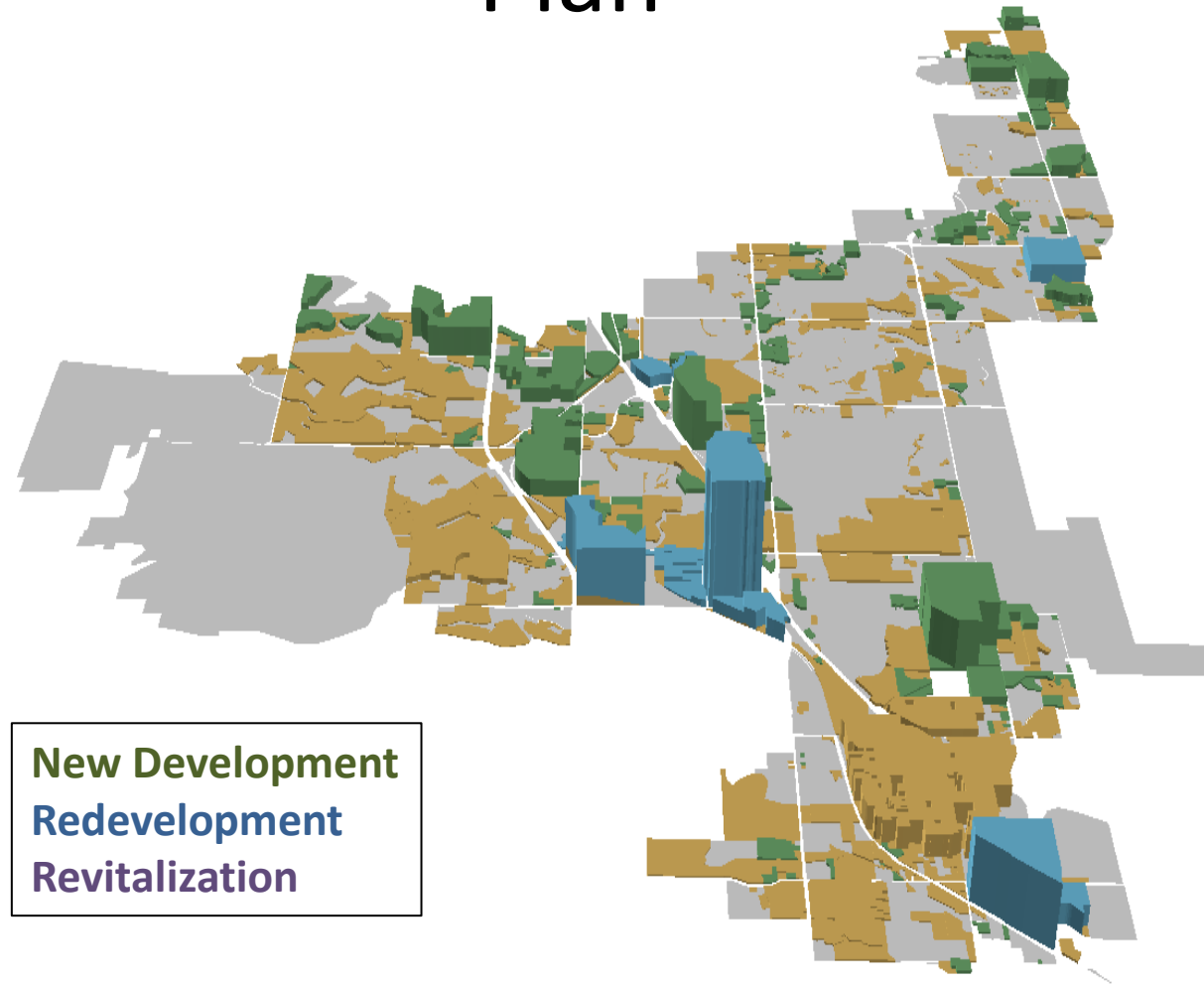


WATER SUPPLY PLAN

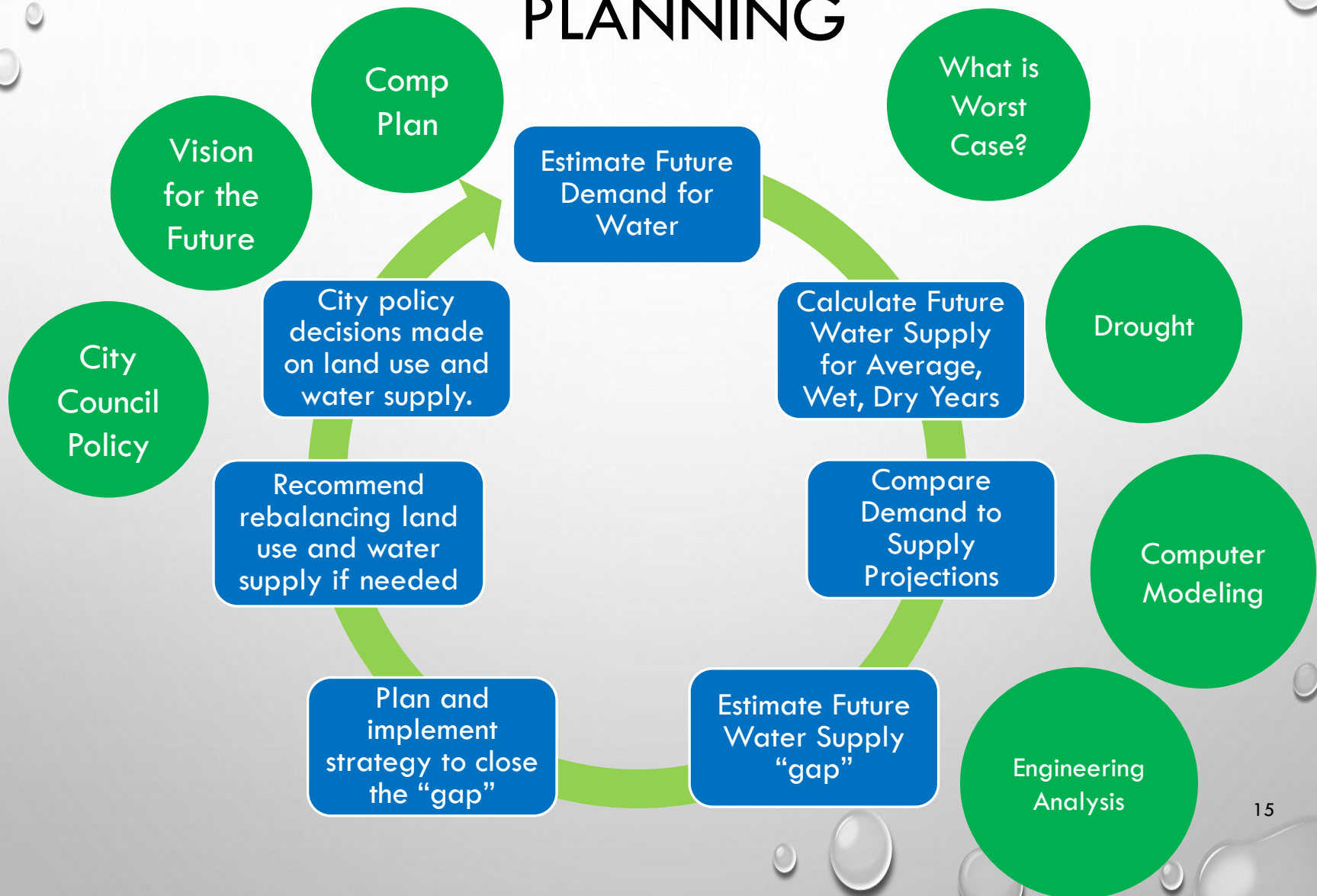
Percent of Water Supply



Comprehensive & Water Supply Plan



MUNICIPAL WATER SUPPLY PLANNING



THANK YOU

Stu Feinglas

City of Westminster - Retired