Water Supply

Water Development Challenges In North Dakota

October 1, 2015

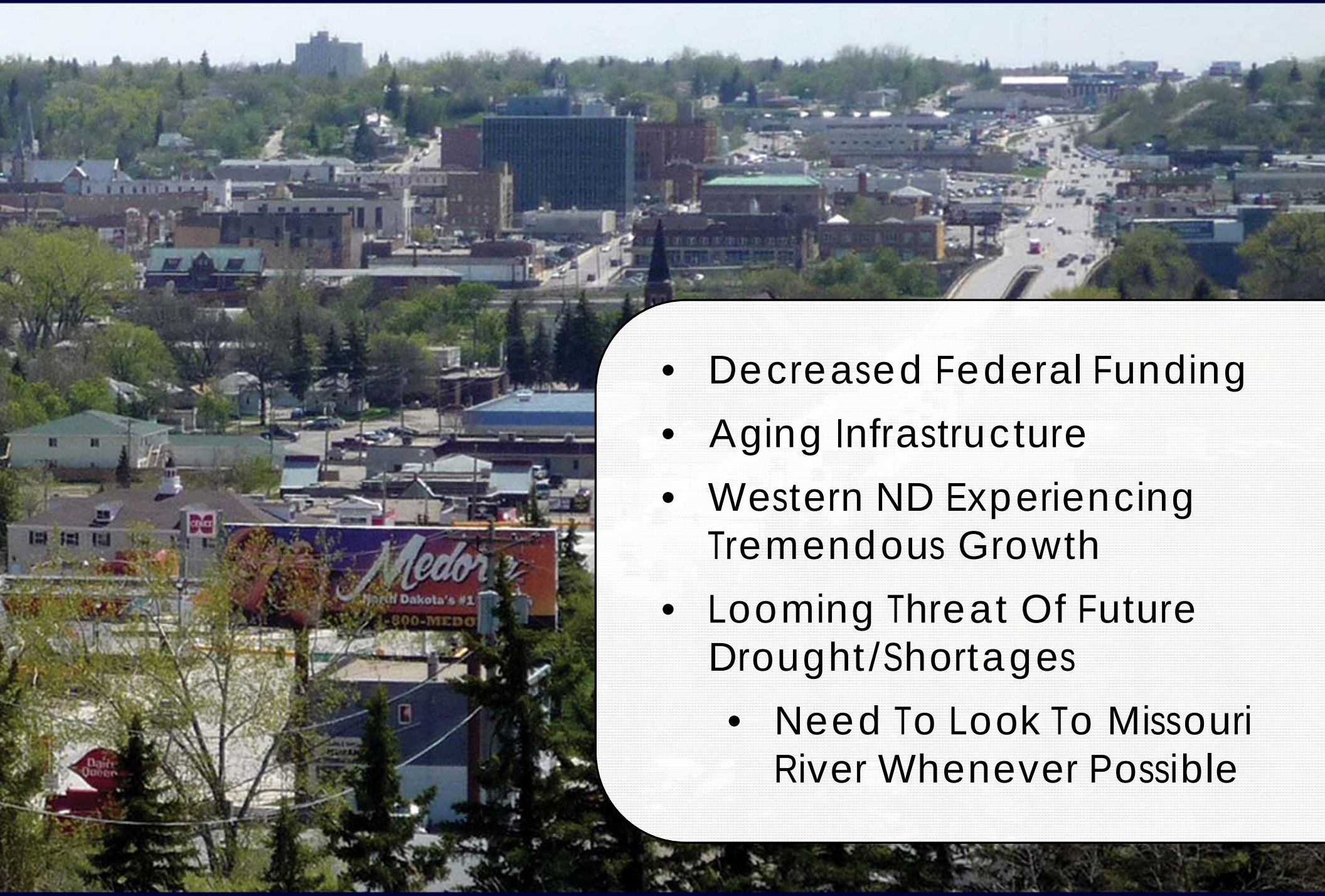
North Dakota
State Water Commission

Todd Sando, P.E. State Engineer and Chief Engineer-Secretary

Presentation Summary

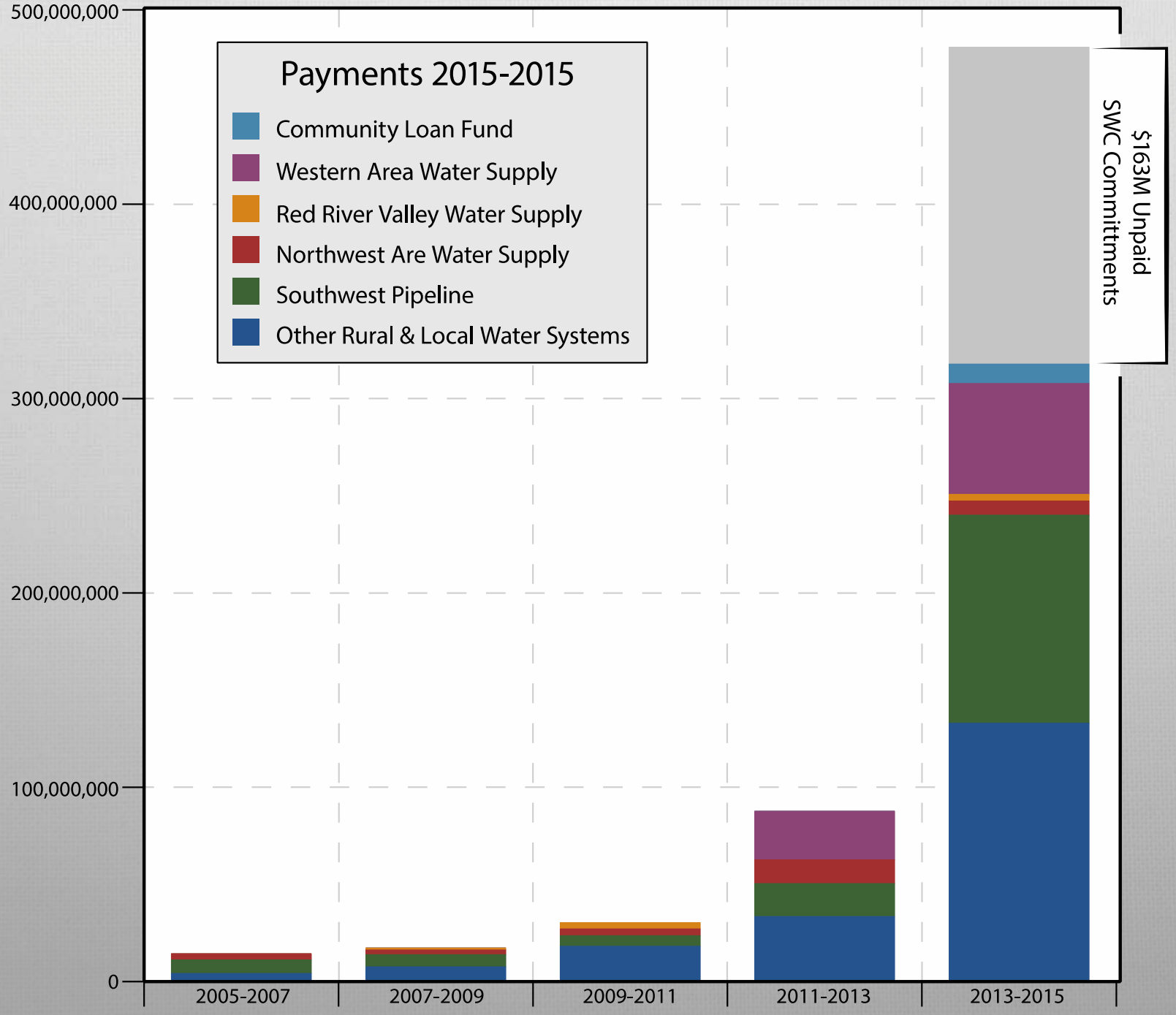
- Growing Need For Water Supply Project Funding
- State Increasing Investment In Water Supply
  - Historic Perspective 2005-2015
  - 2013-2015 Statewide Investments
- SB 2020 (SWC Funding Bill 2015-2017)

GROWING NEED FOR WATER SUPPLY PROJECTS

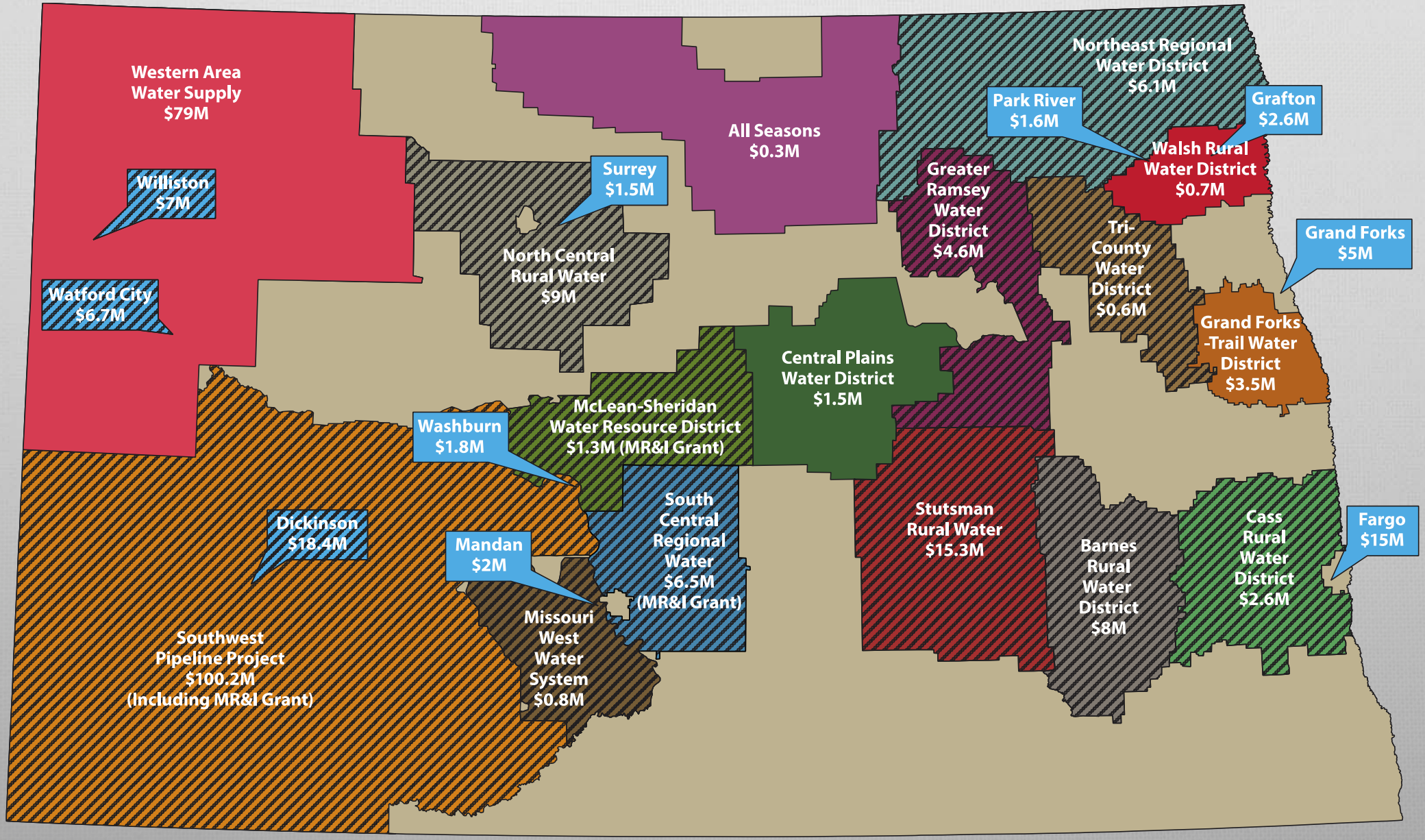


- Decreased Federal Funding
- Aging Infrastructure
- Western ND Experiencing Tremendous Growth
- Looming Threat Of Future Drought/Shortages
  - Need To Look To Missouri River Whenever Possible

SWC INVESTMENT IN WATER SUPPLY 2005-2015



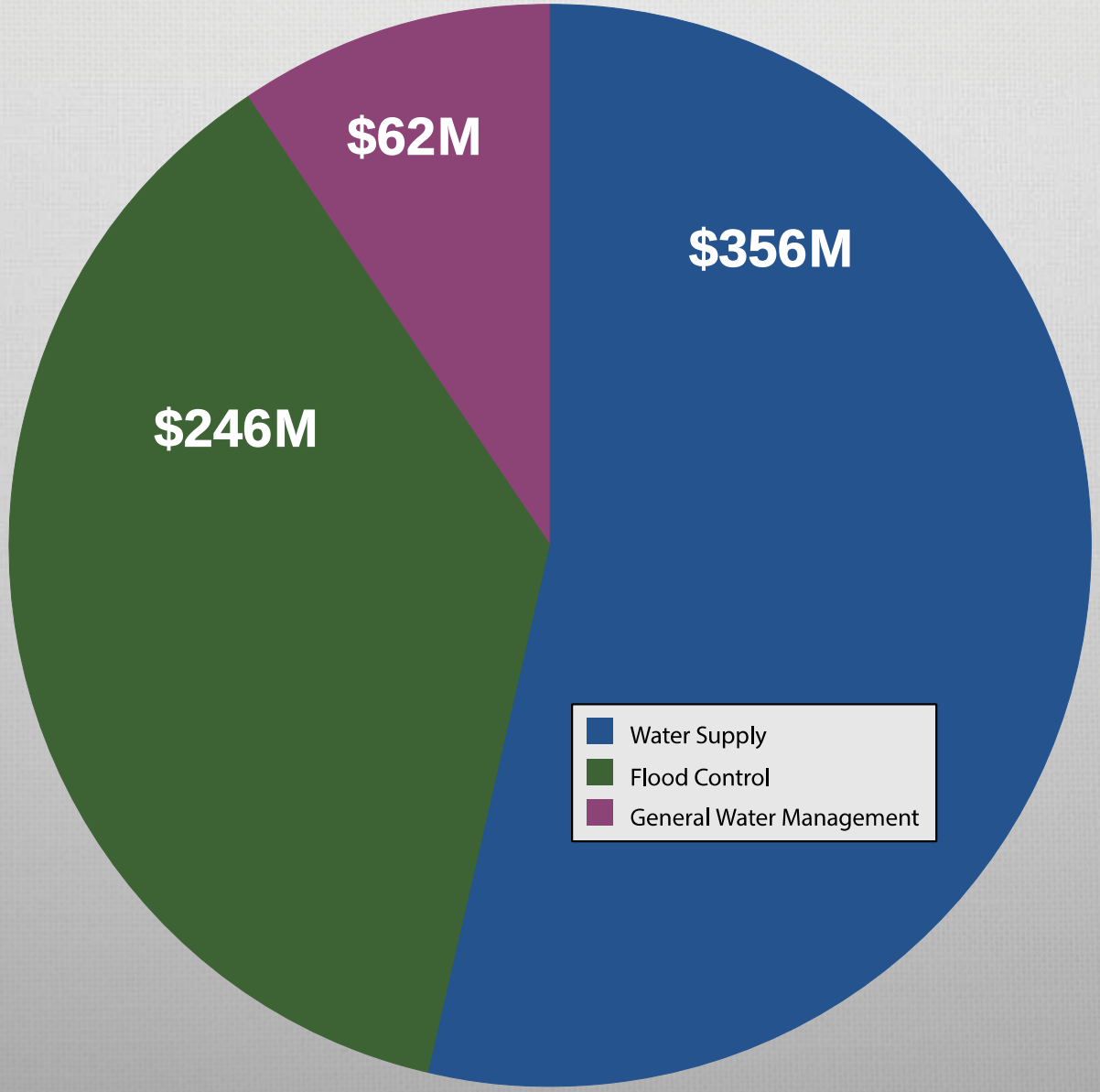
2013-2015 SWC INVESTMENT IN WATER SUPPLY



The SWC also approved $15 million for the Community Water Facility Revolving Loan Fund, and over $3 million for Red River Valley Water Supply Project efforts. Cross-hatched areas indicate sponsors who received funding amounts beyond their financial needs submitted as part of the 2013-2015 planning process.

SENATE BILL 2020: SWC FUNDING BILL

2015-2017 Project Budget (SB 2020 Earmarks)



When looking at the SWC's 2015-2017 project budget, $356 million, or about 54% of all new water project dollars have been budgeted for water supply.

SENATE BILL 2020: SWC FUNDING BILL SUMMARY

SB 2020 Water Project Earmarks: 2015-2017 Biennium		
Projects and Project Types	**SB 2020 (Millions $)**	
	Grant	*Loan*
Sovereign Lands Recreation (Sec. 4)	$1	$0
Fargo Flood Control (Sec. 8)	$69	$0
Fargo Flood Control (Sec. 11) *Dis. Relief Fund*	$30	$0
Fargo Interior Flood Control (Sec. 12)	$30	$0
Grand Forks Water Treatment Plant (Sec. 13)	$30	$0
Red River Valley Water Supply (Sec. 14)	$5	$0
Missouri R. Flood Control (Sec. 15) *Dis. Relief Fund*	$4	$0
Water Supply Reimbursements (Sec. 16)	$11	$0
Flood Control (Sec. 17)	$113	$0
DL Outlet Operation $11M Grafton $25M Mouse River $40M Williston $7M Sheyenne River $30M		
General Water Management (Sec. 17)	$50	$11
Rural Water Projects (Sec. 17)	$130	
NAWS $10M *Rural Water $50M* *SWPP $25M* *WAWS $45M*		
Municipal Water Projects (Sec. 17)	$85	
High Priority Municipal $25M *Other Municipal/Rural $15M* *SWPP Service To Municipal $30M* *WAWS Service To Municipal $15M*		
Loans To Rural & Municipal - IRLF (Sec. 17)	$25	
Central Dakota Water Supply Reuse Fac. (Sec. 19)	$10	$40
Central Dakota Water Supply (Sec. 19)	$20	$0
Projects Total	**$664**	

Thank you

For Additional Information

Website: www.swc.nd.gov

Facebook: www.facebook.com/NDStateWater