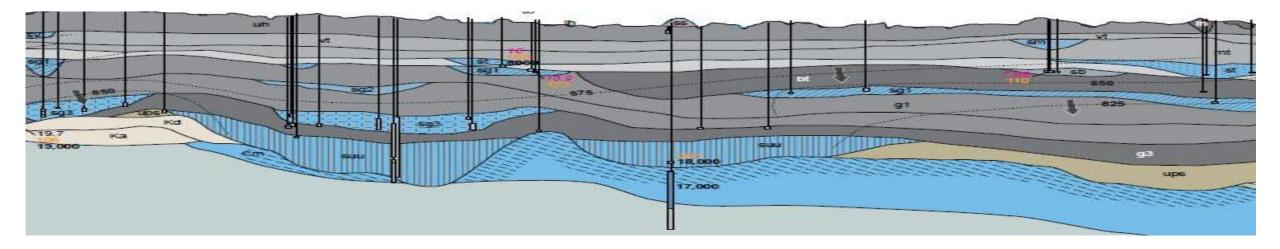
Shared Aquifers and C.A.M.P. Collaborations

Community-based
Aquifer
Management
Partnerships



MGWA 2018 Fall Conference
Successes, Near-misses, and Failures – Regional Groundwater Planning
Thursday November 15, 2018





Key Lessons from our first CAMPs

A little bit of (not more) info can go along way in creating relationships

Groundwater "Joint Checking Account" resonates with communities (Land Use Decisions = Water Use Decisions)

Conservation becomes difficult when one or more parties lose

PART 1:Aquifer Co-Management

State agencies may give *correct, but conflicting* advice

Communities appreciate a *collaborative approach* for their "water cycle"

PART 2: Community's Water Cycle

A CAMP Collaboration falls on a continuum of relation building

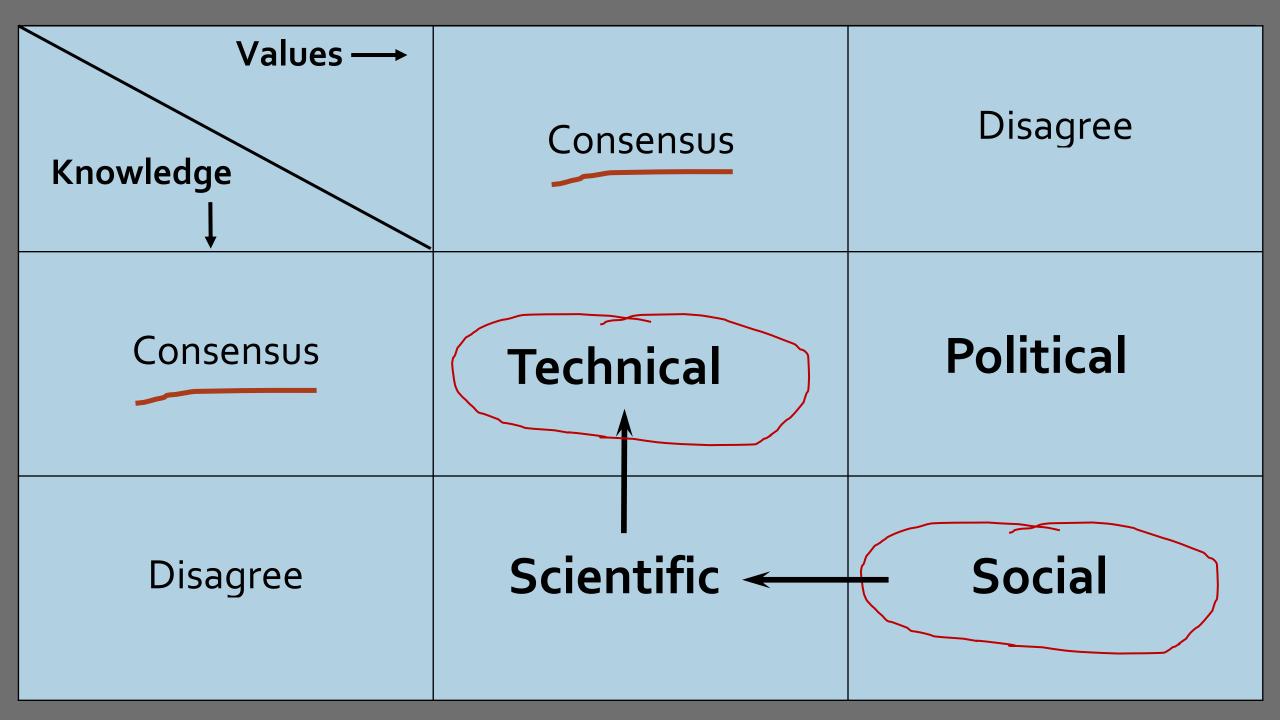




C.A.M.P.
begins by
addressing
the
social issue

...with social science

Photo courtesy of uci.edu



What is the CAMP starting point for Community Leaders?

- LGUs sense groundwater is up to them to solve since feds and state couldn't.
- Locals want data provided to them without having to ask.
- > LGUs want site-specific information and recommended actions.
- LGUs feel far less knowledgeable about of groundwater compared to surface water management.

Summary.....Communities are asking for a:

"limited amount of unknown and specific information packaged in a useable format"

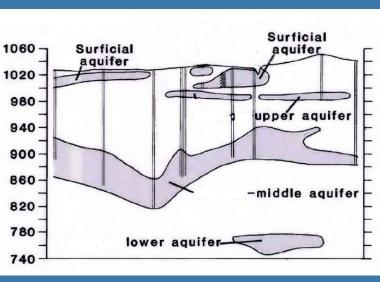
^{*} Freshwater Society Findings in their work with communities and groundwater

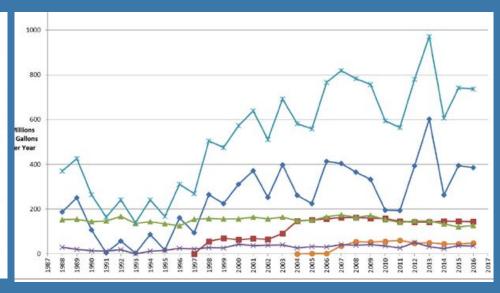
CAMP Dashboard

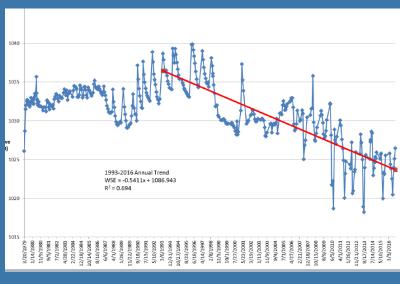
Aquifer Cross-sections

Groundwater Use Trends

Observation Well data

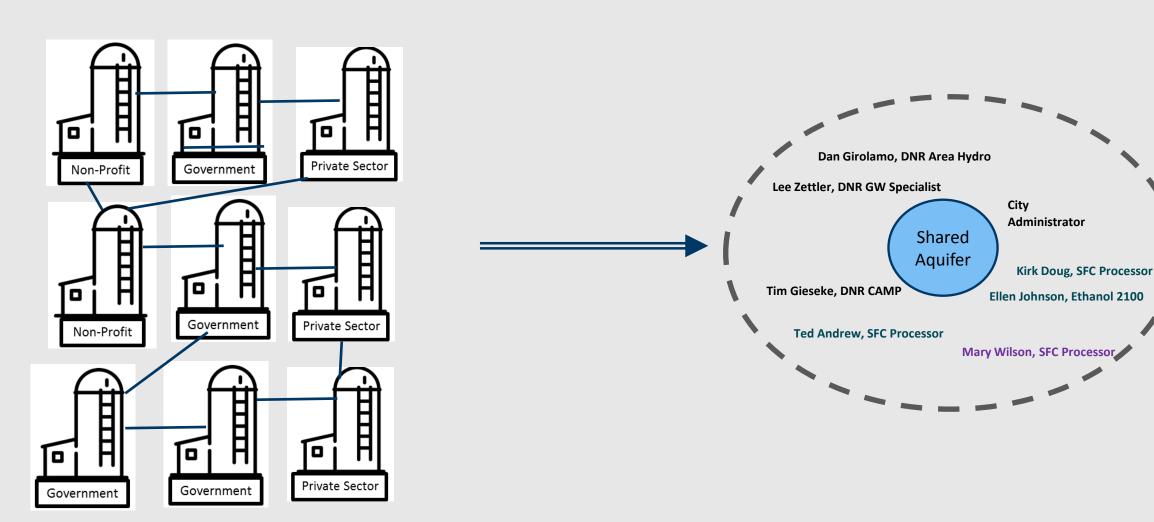


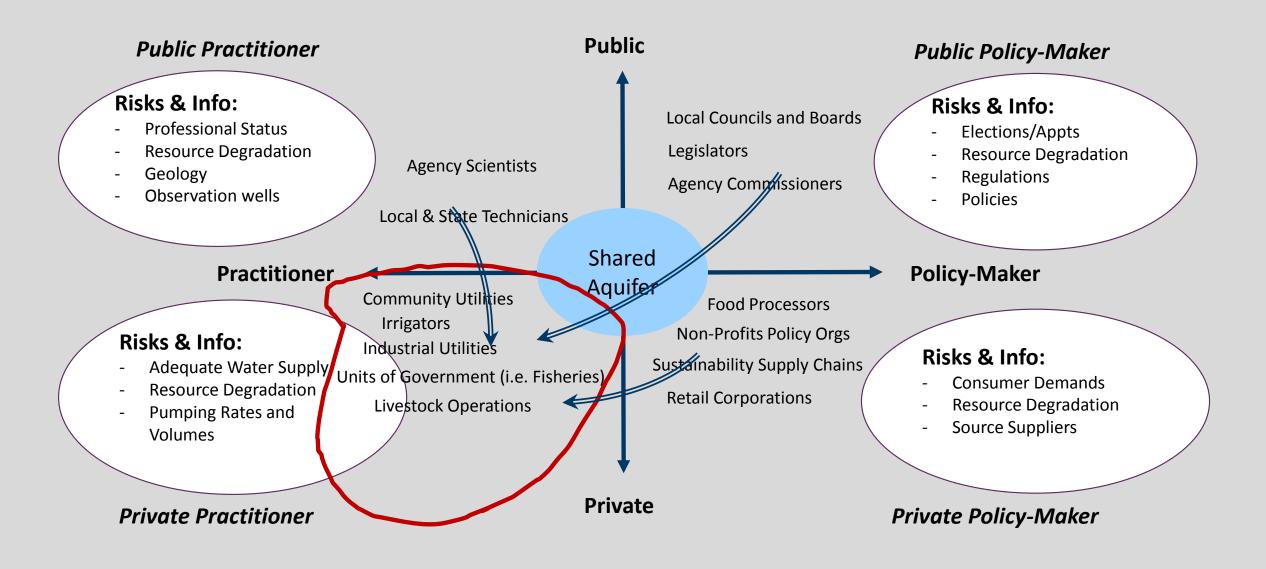




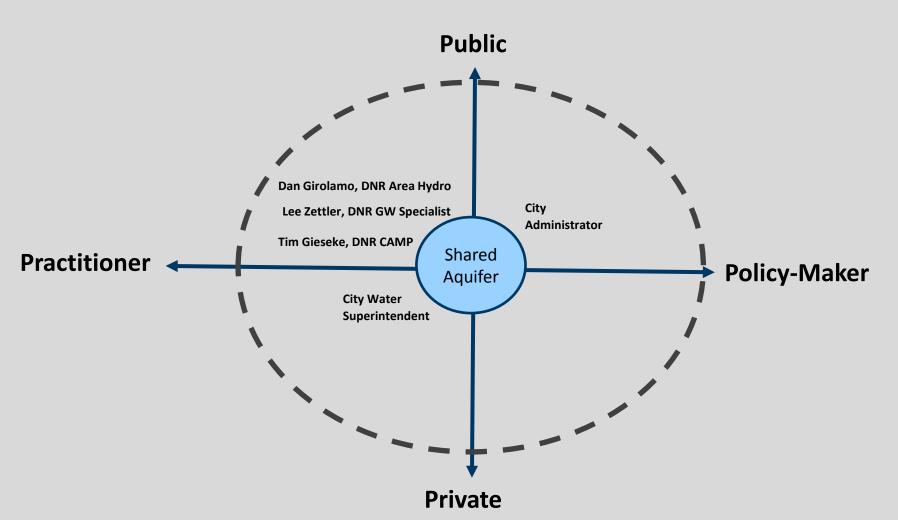
The Good News: Scientific and technical data can help build a collaboration

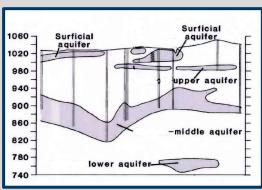
The CAMP Dashboard supports the transition from Interconnected Silos...... to a Collaboration

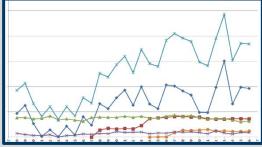


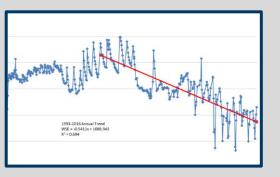


Starting a CAMP Collaboration



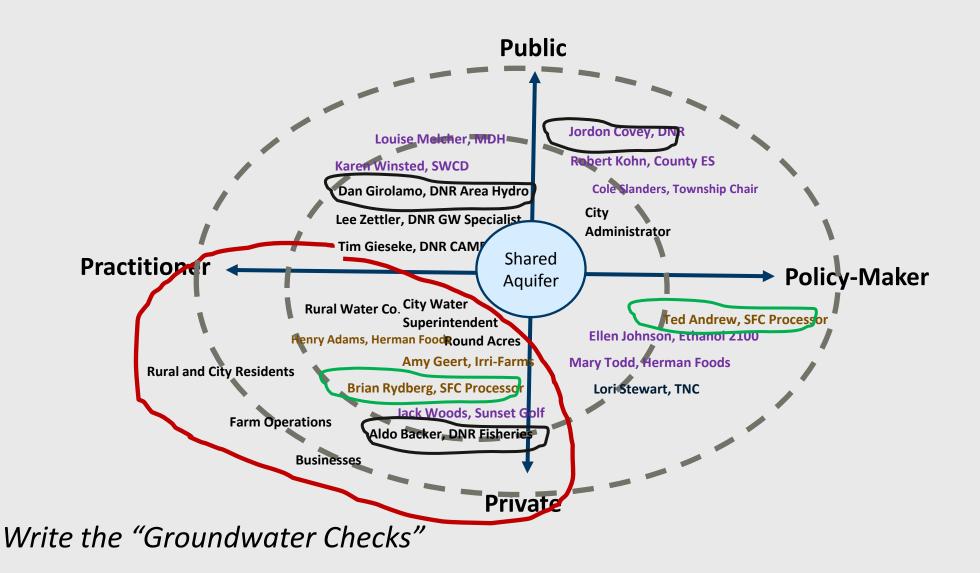


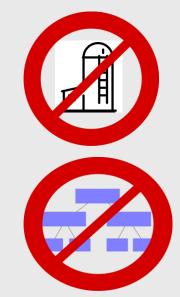




It creates the opportunity "to ask the next good question"

Building a CAMP Collaboration





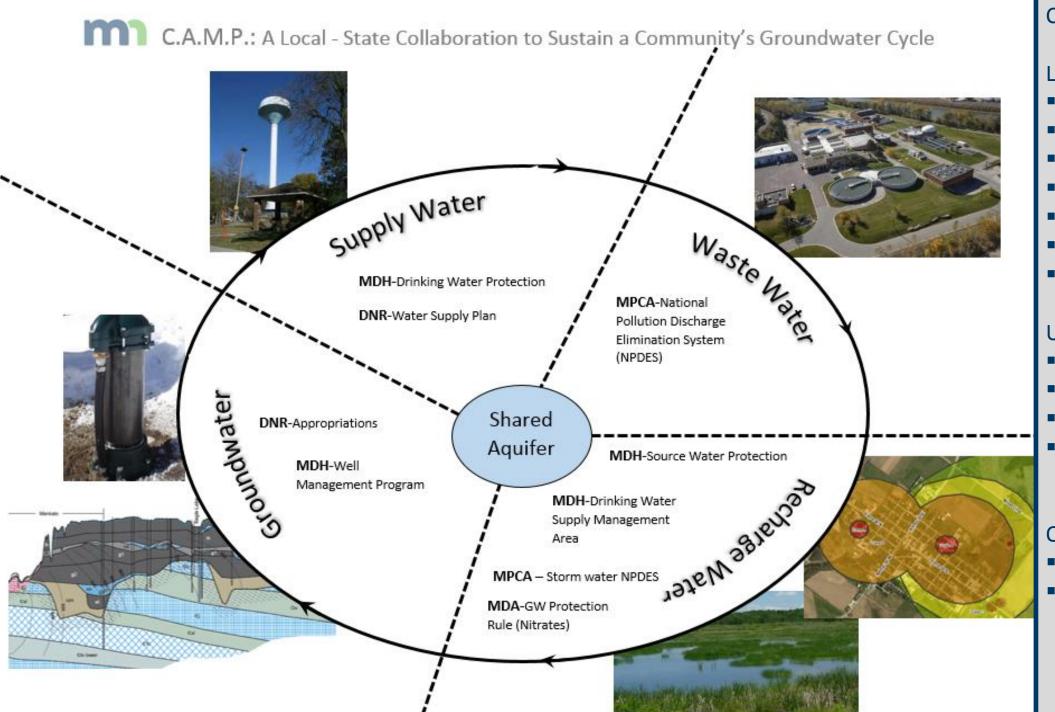
Summary of CAMP Part 1—

CAMP begins the social process of co-managing a shared aquifer – because solutions are within the group of users

CAMP Part 2 Objective –

We take a look at the whole water supply cycle Groundwater – Supply Water – Waste Water – Discharge/Recharge Water





Collaborators

LGUs

- Townships
- Municipalities
- Councils
- Counties/Boards
- SWCD
- WD
- **WMO**

Users

- Residential
- Commercial
- Industry
- Rural WaterSystems

Other Partners

- MRWA
- Met Council



DNR CAMP Website:

mndnr.gov/gwmp/camp

Thank you!

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