

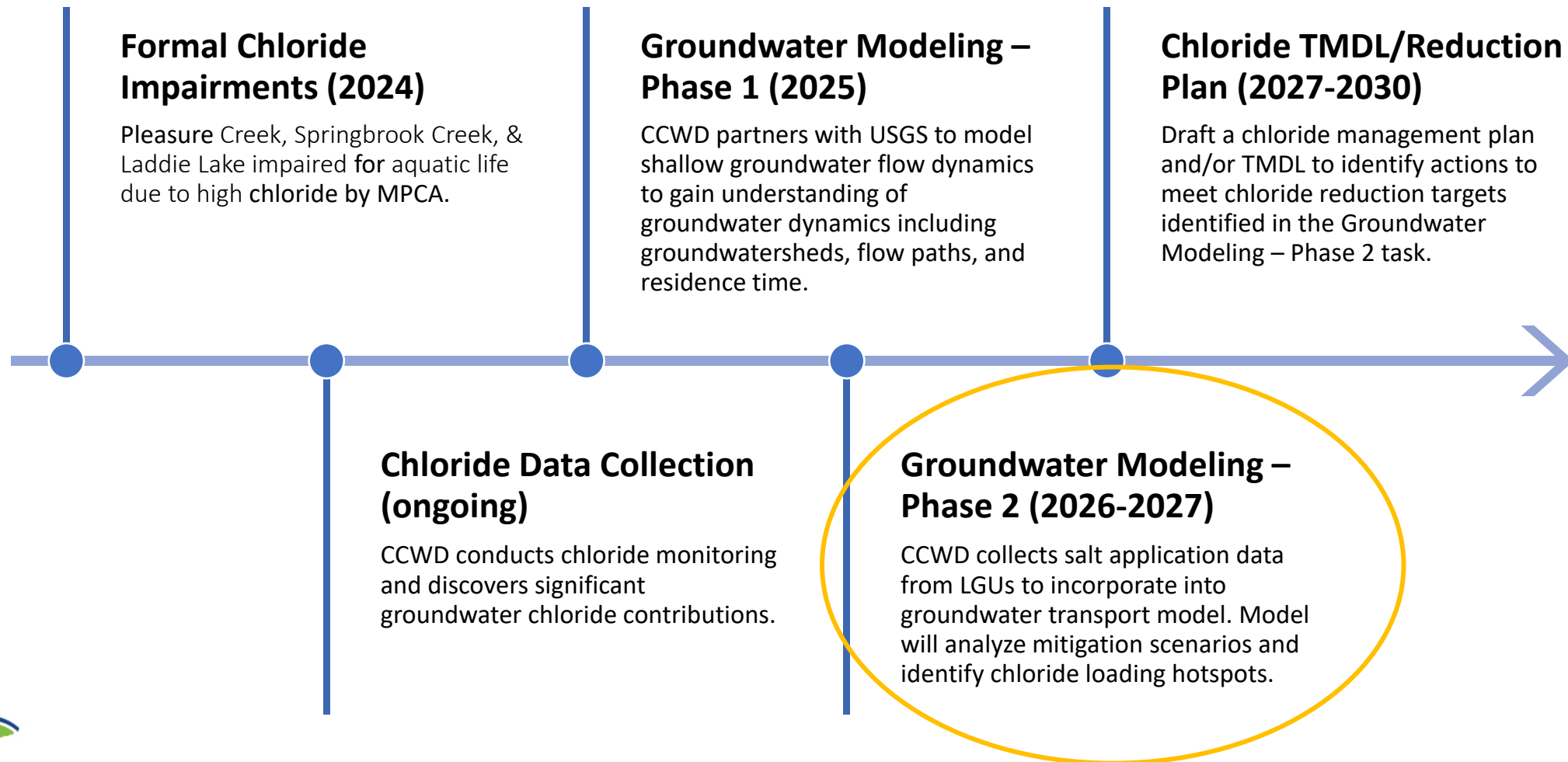


COON CREEK
WATERSHED DISTRICT

Chloride Data Update
September 10, 2026



Chloride Management Roadmap



LGU Winter Maintenance Meetings

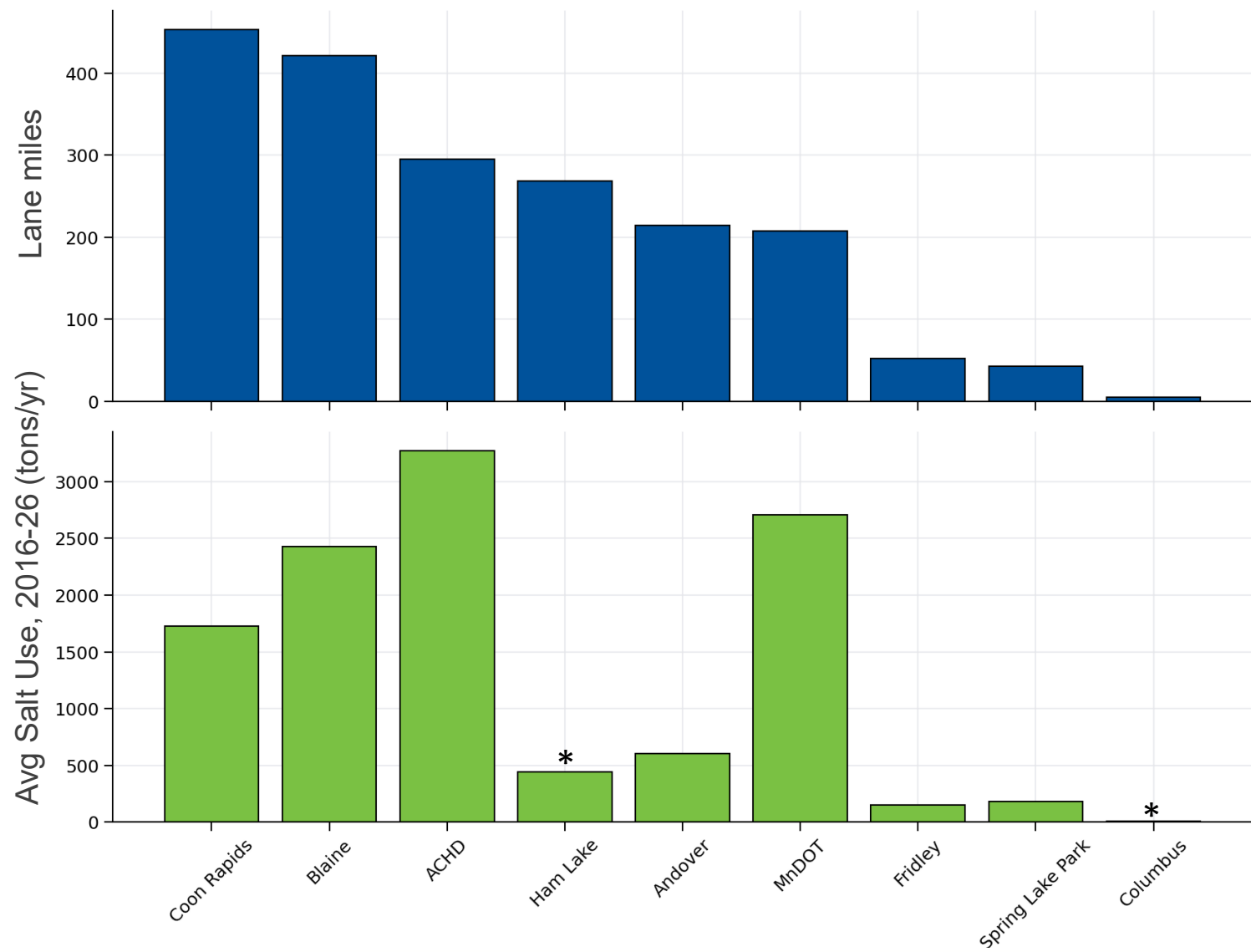
Intent: to learn about current winter maintenance policies and practices, better understand current challenges, collect salt application data to incorporate into groundwater model, analyze changes in recent salt application rates.

Feedback:

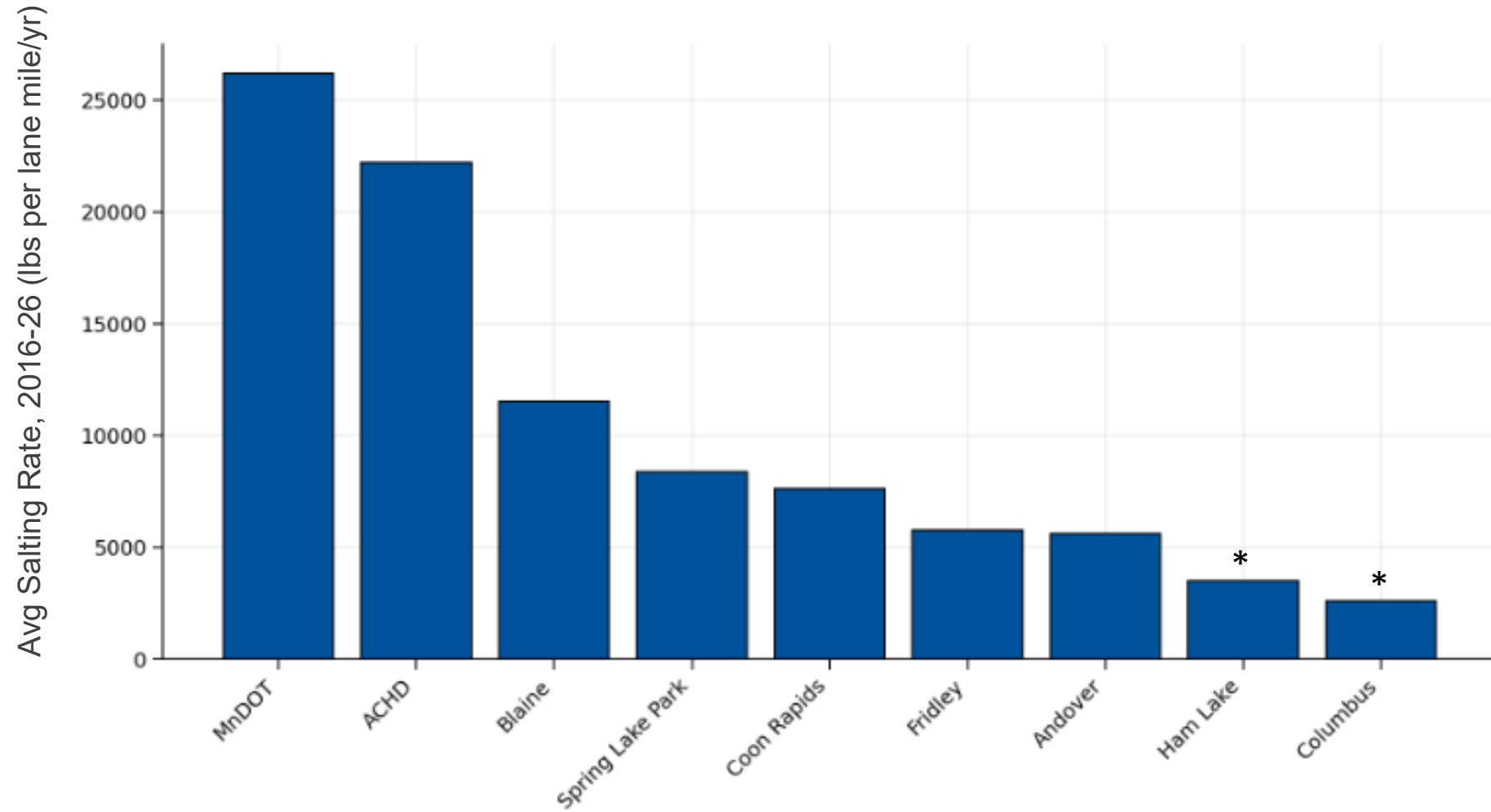
- Public perception and complaints remains significant challenge
- Pressure from political leaders
- Police/sheriff complaints about slick areas
- Plow operator accountability varies significantly
- Plowing policies vary significantly between LGUs
- Some dissatisfaction with current tracking software, PreCise
- Many different chloride products used



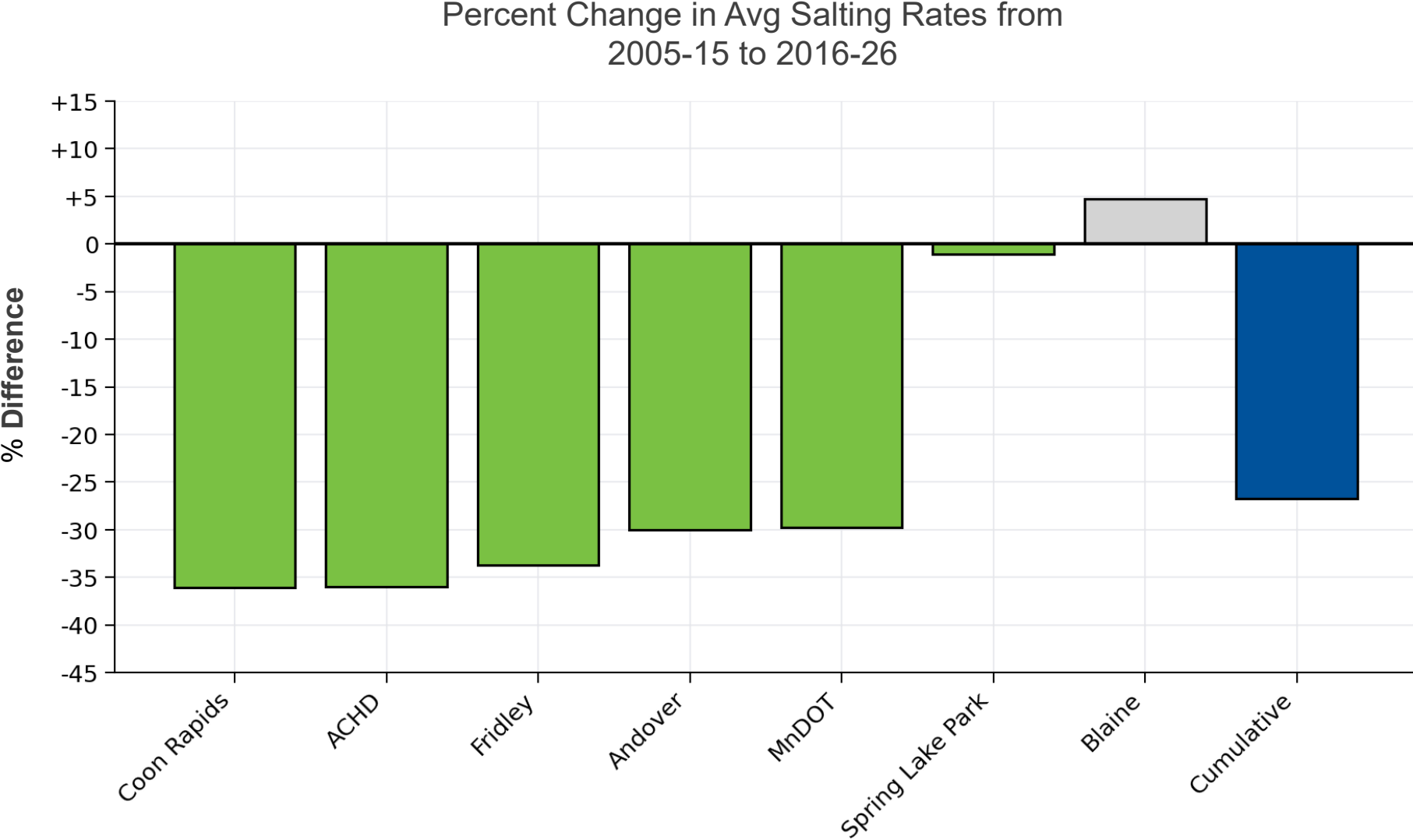
Salt Application Trends within CCWD



Salt Application Trends within CCWD



Salt Application Trends within CCWD



Major Takeaways

- **Multiple cities/road authorities have seen 30-36% reduction in salting rates over last 20 years!**
- **10-20 year groundwater residence time = delayed impact to receiving waters**

Main challenges to salt reduction with winter maintenance	Key drivers for recent chloride reduction
• Managing public expectations • Policy implementation & adjustments • Resistance to change by PW staff • Difficulty accurately tracking salt usage/ accountability	• Training • Accountability/incentives • Adhering to triggers (not plowing <2") • Adoption of new technologies and methods • Treated salt product application



Questions?

