

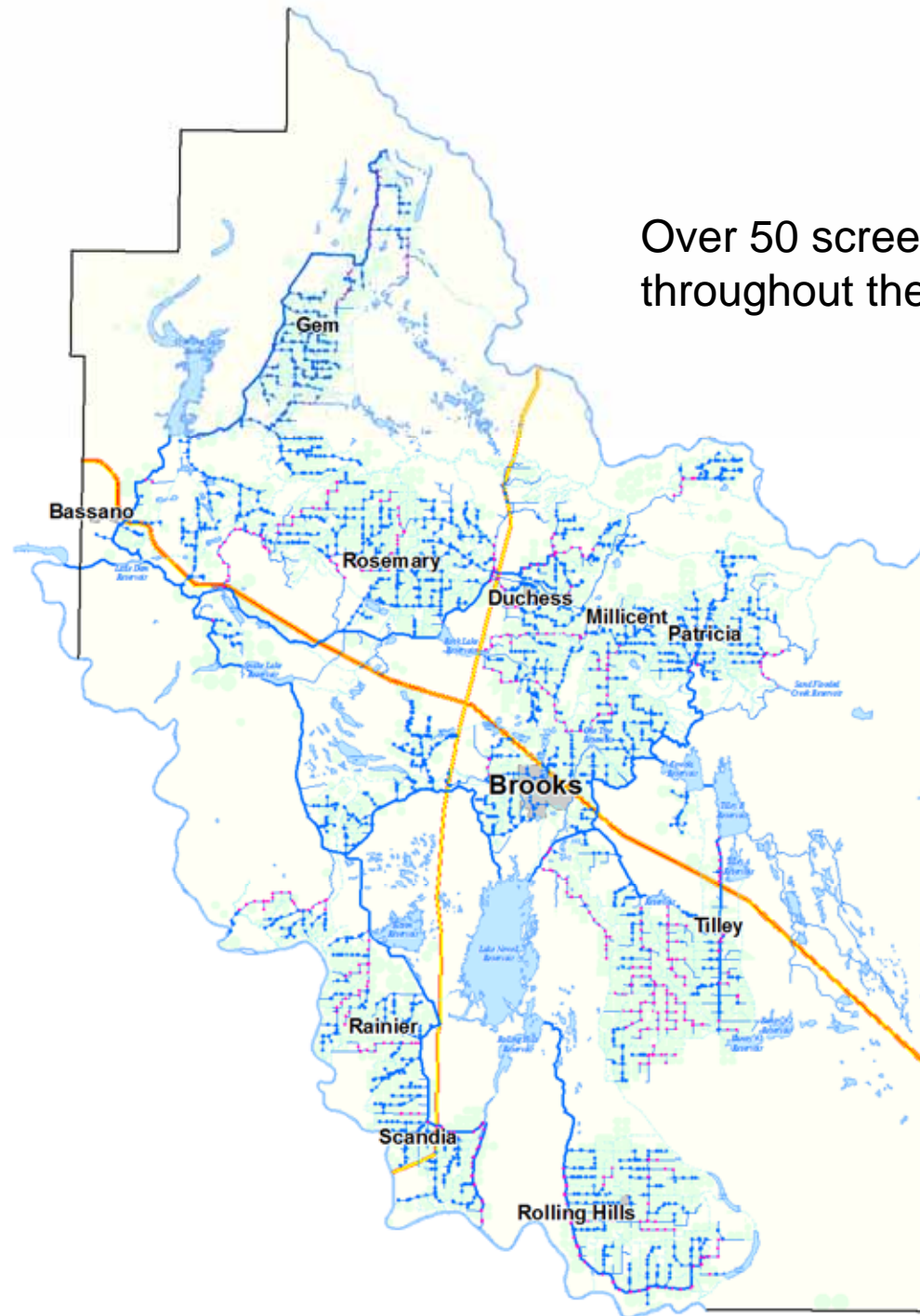


TRAVELING SCREEN CLEANERS

Eastern Irrigation District's Experience

June 2, 2010

Over 50 screening devices
throughout the district



TYPES OF WEEDS

Algae



Aquatic weed



WHY SCREEN CLEANERS ?

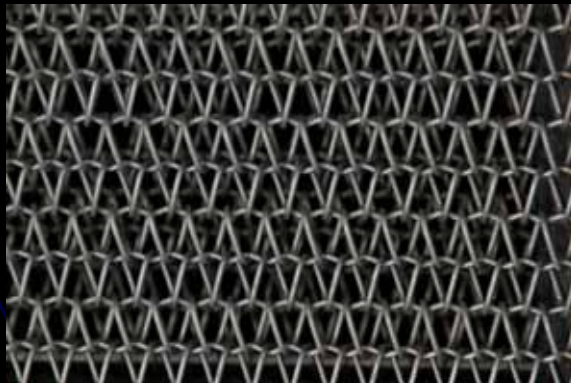
- More weeds ?
- Ease of operation of system
- More pumps & pivots, more pipelines
- Happier landowners
- Water efficiency / water savings



Traveling Screen



24X20X14gauge



Traveling Screen



Traveling Screen

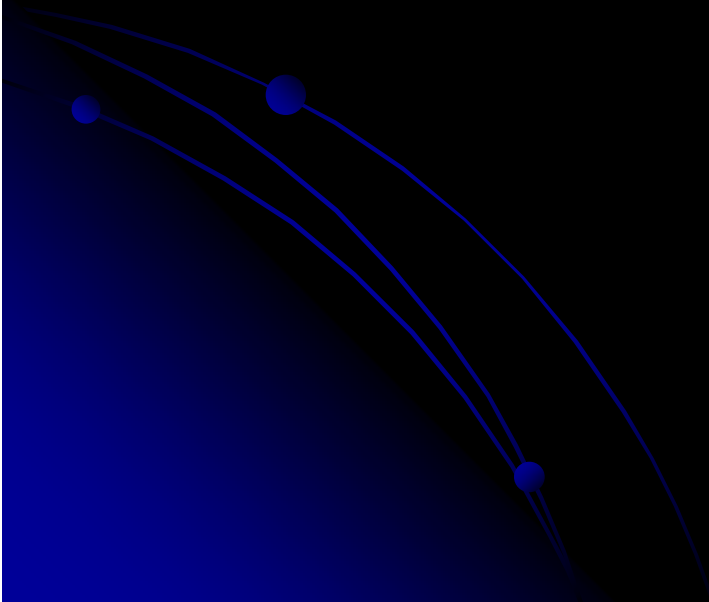


TRAVELING SCREEN CONSIDERATIONS

- Existing / New Structure Installations
 - Screen area (typically not a concern)
 - Can the screen be installed at a 45 degree angle or less
 - Can the water on the backside spray bar be managed
 - Where is the gate/stem
- Site Specifics
 - Type of weed growth
 - Flow going by inlet structure vs. flow in canal
 - Downstream usage (flood or pump)
- Where is the closest A/C power

GOOD OR BAD EXPERIENCE?

- Reasonably good adaptation to our weed problem
- So far maintenance not a significant issue (1st one installed in '06)
- Operational spill reduced
- Final grade – pass
 - **Generally the experience has been good on new installations**
 - **Slightly less impressive when installed on existing structures**



QUESTIONS ?

