

# “Improving & Protecting Alaska’s Water Quality”

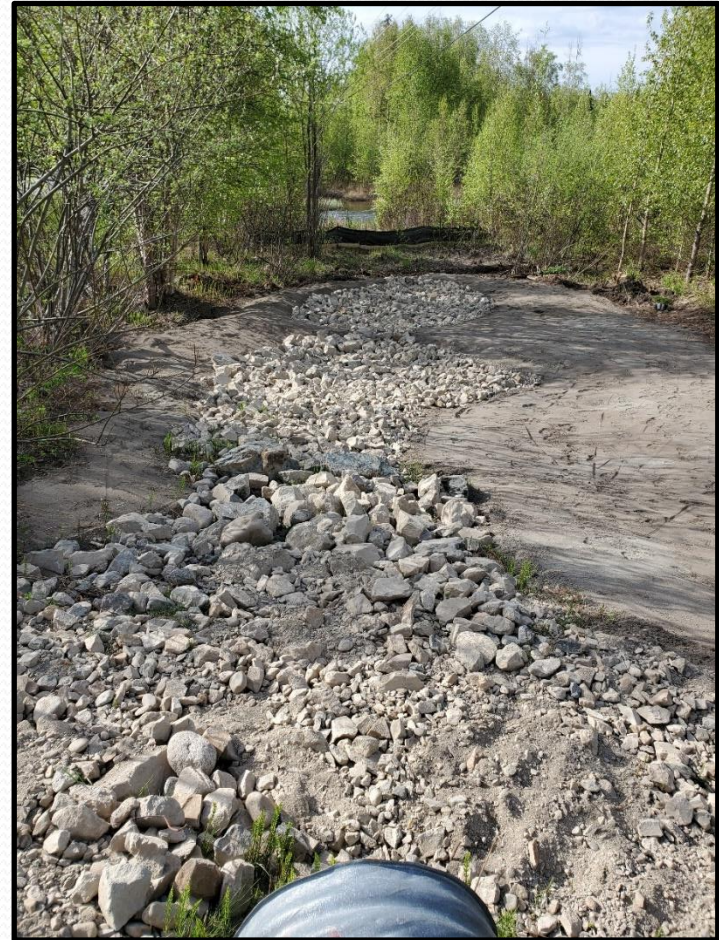


- Impaired waters
  - Pollutants above & beyond TMDL
  - Implement BMPs that improve/protect
- Healthy or “at-risk” waters
  - Develop and implement watershed/protection plans
  - Community interest driven
- Outreach & education
  - Healthy or impaired
  - With or without a plan
  - Example: Clean boating



# Project Example – Cottonwood Creek

- Impaired water fecal coliform bacteria
  - Stormwater conveyance
  - TMDL approved
- Other pollutants identified through monitoring (metals)
- Implemented green infrastructure stormwater project using 319 funds
- Reducing bacteria runoff pollution but also protecting from other pollutants



# Lessons Learned

## Successes

- Multiple parties involved so started discussions early
- Working in City's Road Right of Way
- Having a dedicated group of volunteers to help plant and water
- TMDL good reference

## Challenges

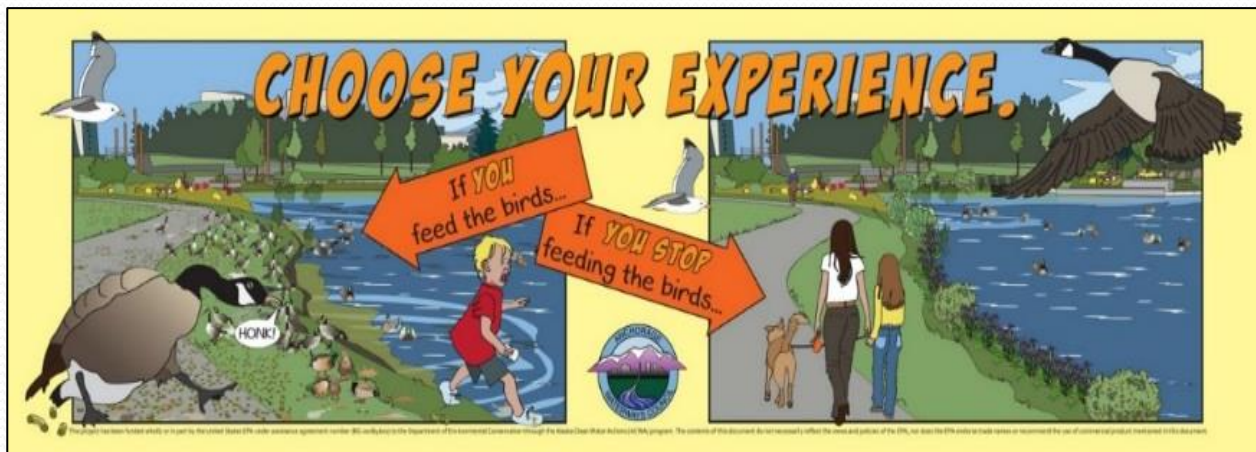
- Staff changes with project partners
- Future utility corridor clearing
- Inadvertently made an easier winter trail for 4-wheelers (damaged the site function)





# Project Example – Cuddy Park Pond

- No “plan” in place
- Community interest
- Monitoring showed increased bacteria from waterfowl
  - Outreach/education campaign
  - Have an improved park experience - Don't feed the waterfowl
- Local watershed group led outreach campaign - \$319



Municipality of Anchorage city bus sign that was part of the public outreach campaign.



# Lessons Learned

## Successes

- Near immediate results
    - pre & post implementation monitoring
  - Engaged primary project partner good at building community & agency interest and participation
- Funded with \$319

## Challenges

- Technical advisory committee agreement
- Keeping momentum & messaging going after the grant ended





# A few thoughts

1. Be creative & look for multiple benefits
2. Build relationships
  - Local champion(s) – not state government
3. Communication essential
4. Be adaptable & solution-oriented

Thank you!

Laura Eldred

Alaska Department of Environmental Conservation  
Nonpoint Source Section

[Laura.Eldred@alaska.gov](mailto:Laura.Eldred@alaska.gov)

