Puyallup Water Quality Partnership Annual Meeting

This manure pile is 5-6 feet high and about 20 feet wide!

Many slides inspired by/courtesy of Floodplains by Design's 2021 'Collaboration Campfire' series. Liberating Structures ideas available at https://www.liberatingstructures.com/6-making-space-with-triz/

Chatterfall

I’ll give you a prompt.

You type your answer in the chat box, BUT DON’T HIT ENTER until I signal.

When I say **enter**, scroll back and read a few entries.

Chatterfall

1. What are some of the barriers to effectively using monitoring data to implement the Puyallup and LWR TMDLs?
2. Where is my agency (or this group) succeeding in using the data to inform our implementation?
3. What I most want to practice, improve or change regarding using the data to inform implementation is…

Years 1-5 Water Quality Data-

Thoughts, questions, "ah ha"s, critical gaps, red flags?

As implementers, consider what these data might mean for sources.

Notes: Not much irrigation in this basin unless you count big gun manure application (which is more manure management)-- so the dry season counts in Boise prob more from livestock access to streams

Not really. I use this data for grants.

Is Orthophosphate the only thing that effects pH?

What are all the sources of Orthophosphate?

Any testing above the new Boise Creek channel?

Specific ?s from Julian

1) High hits in spring. When are manure applications happening, and where?
2) Drainage infrastructure in areas with high wet season pollution?
3) What's up with Year 5 on Boise?

Years 1-5 Water Quality Data-

Thoughts, questions, "ah ha"s, critical gaps, red flags?

As implementers, consider what these data might mean for sources.

Notes: No smoking gun from Boisetrib at Warner Ave– it's coming from city MS4, and they have found about all the illicit connections they think exist at this point.

Notes: Why would all 3 tribs be more elevated in 2024 (for e coli)? Precip, some sort of regional trend? –julian's answer is that the data is skewing high right now bc the water year data is front loaded with wet season

Specific ?s from Julian

1) High hits in spring. When are manure applications happening, and where?
2) Drainage infrastructure in areas with high wet season pollution?
3) What's up with Year 5 on Boise?

BREAK
Please return at 3:17 pm

Original priority implementation reaches, based on data from mid-2000s

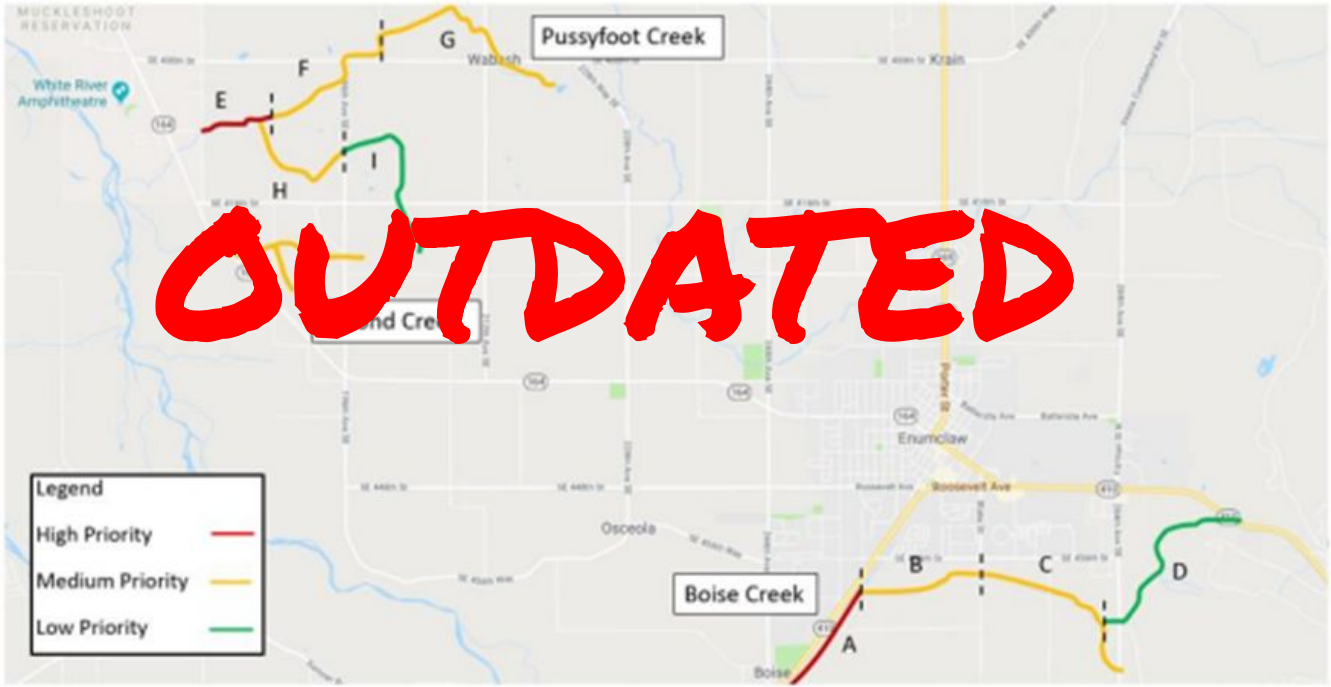
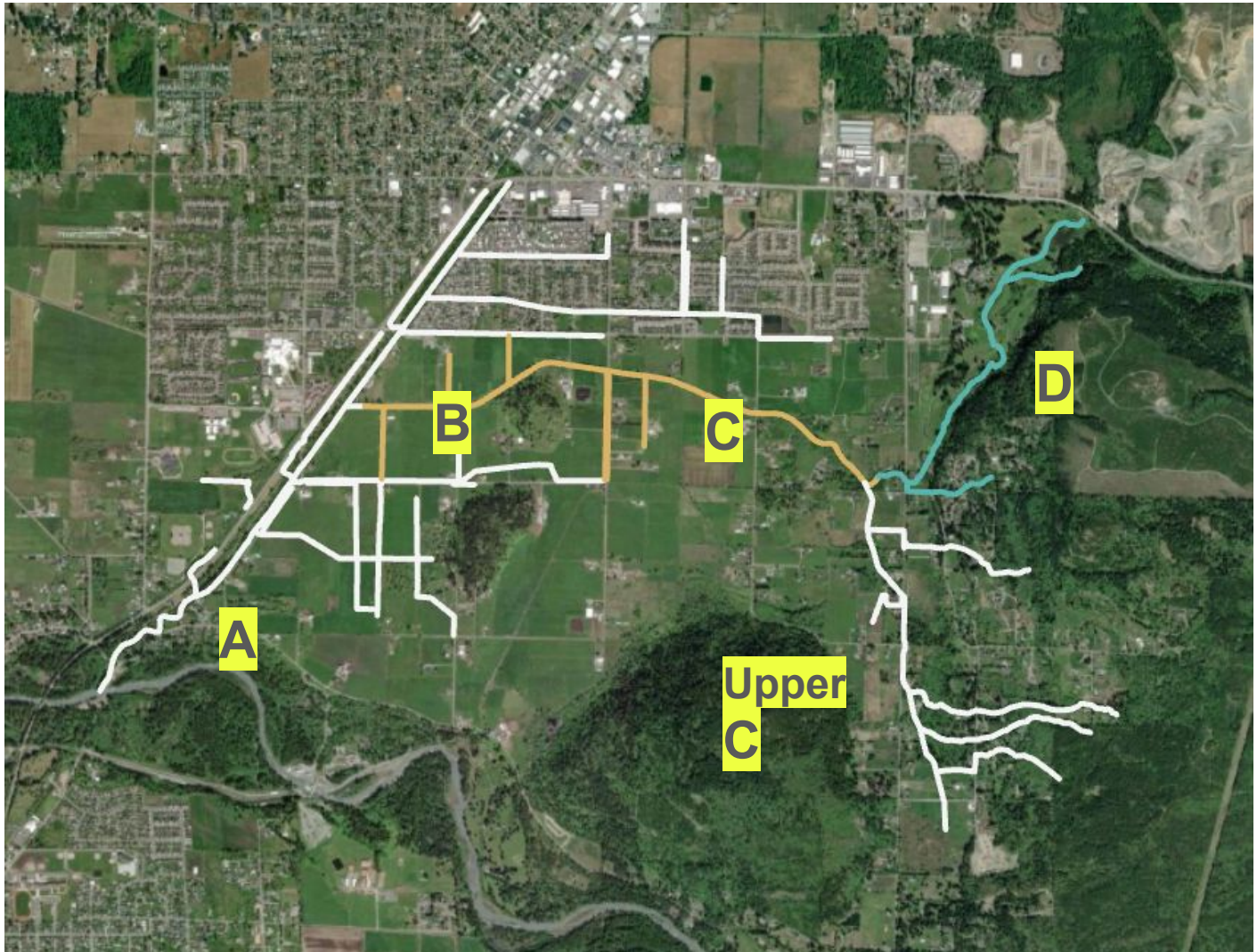


Figure 12. TMDL implementation priority reaches and lettering for scheduling purposes

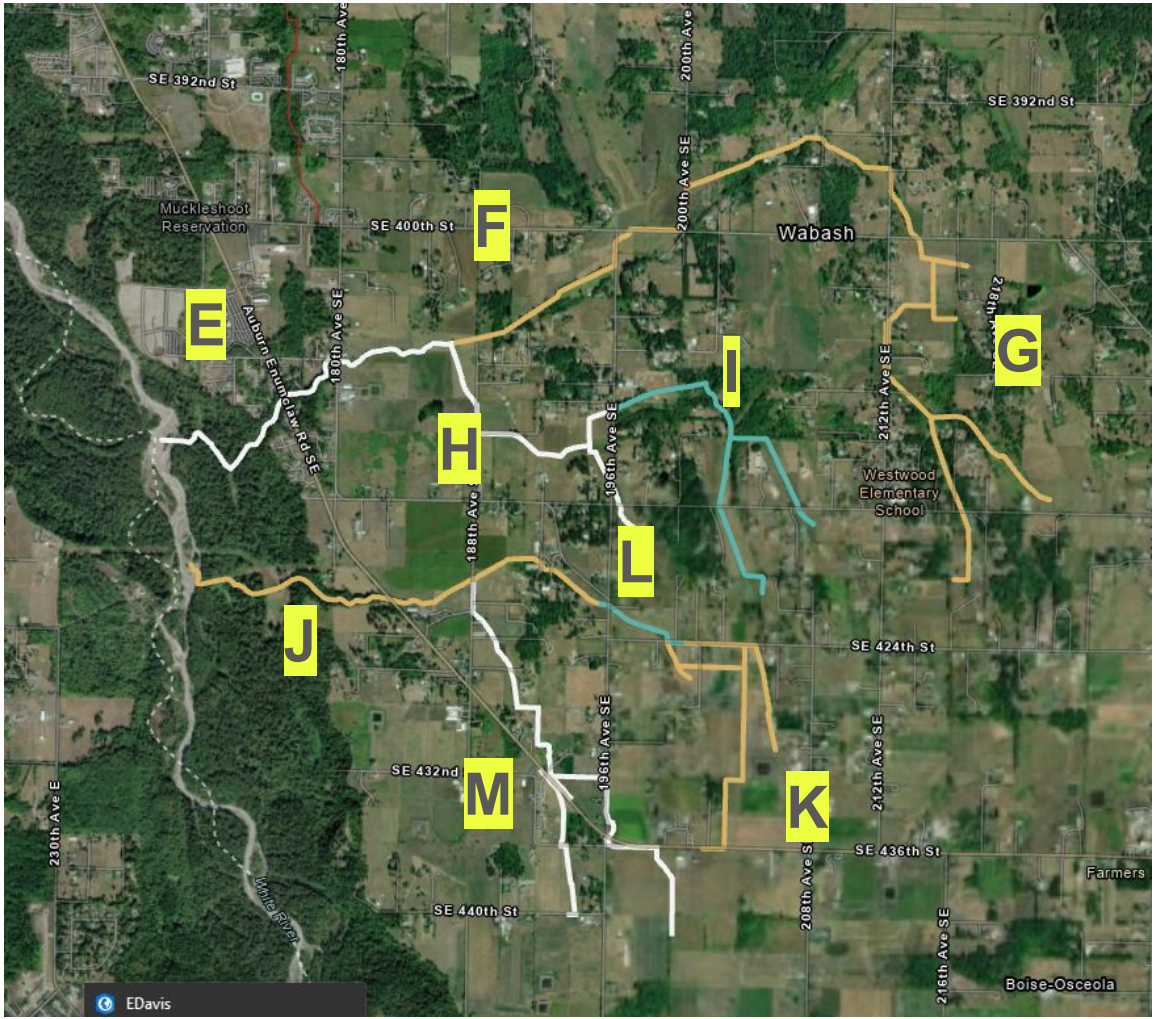


Updated reach priority designations for Boise Ck. based on Ecology & KC SWS data

High priority reach

Medium priority reach

Low priority reach

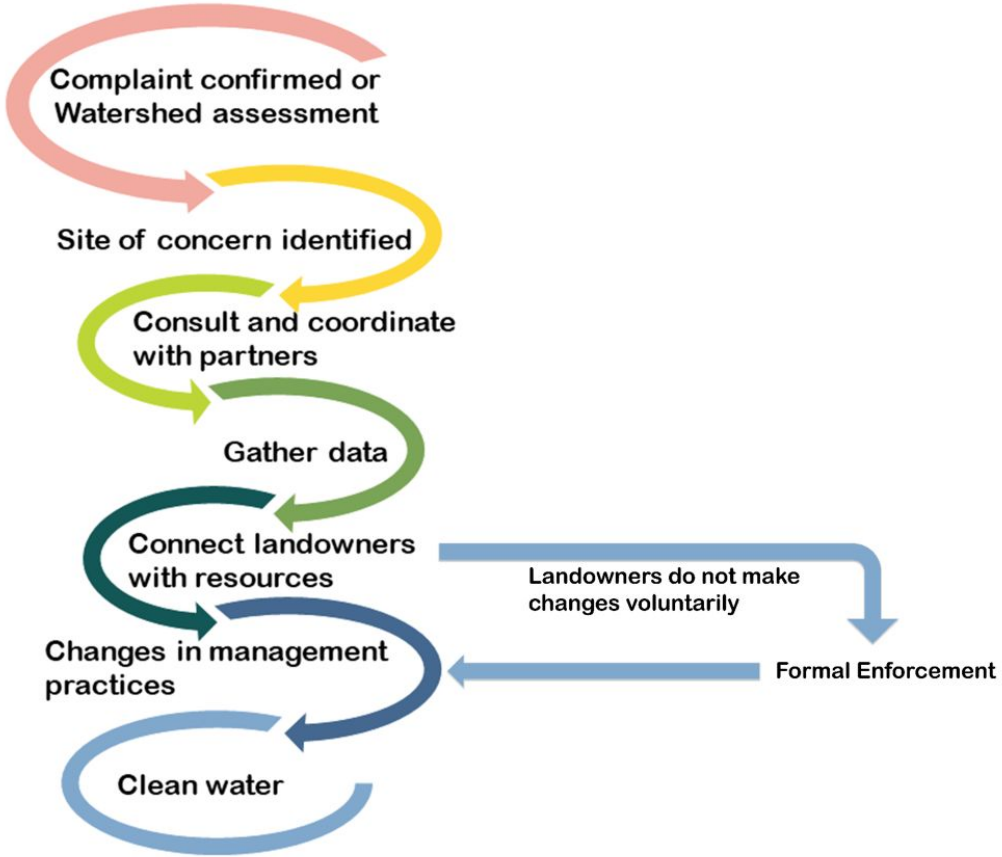


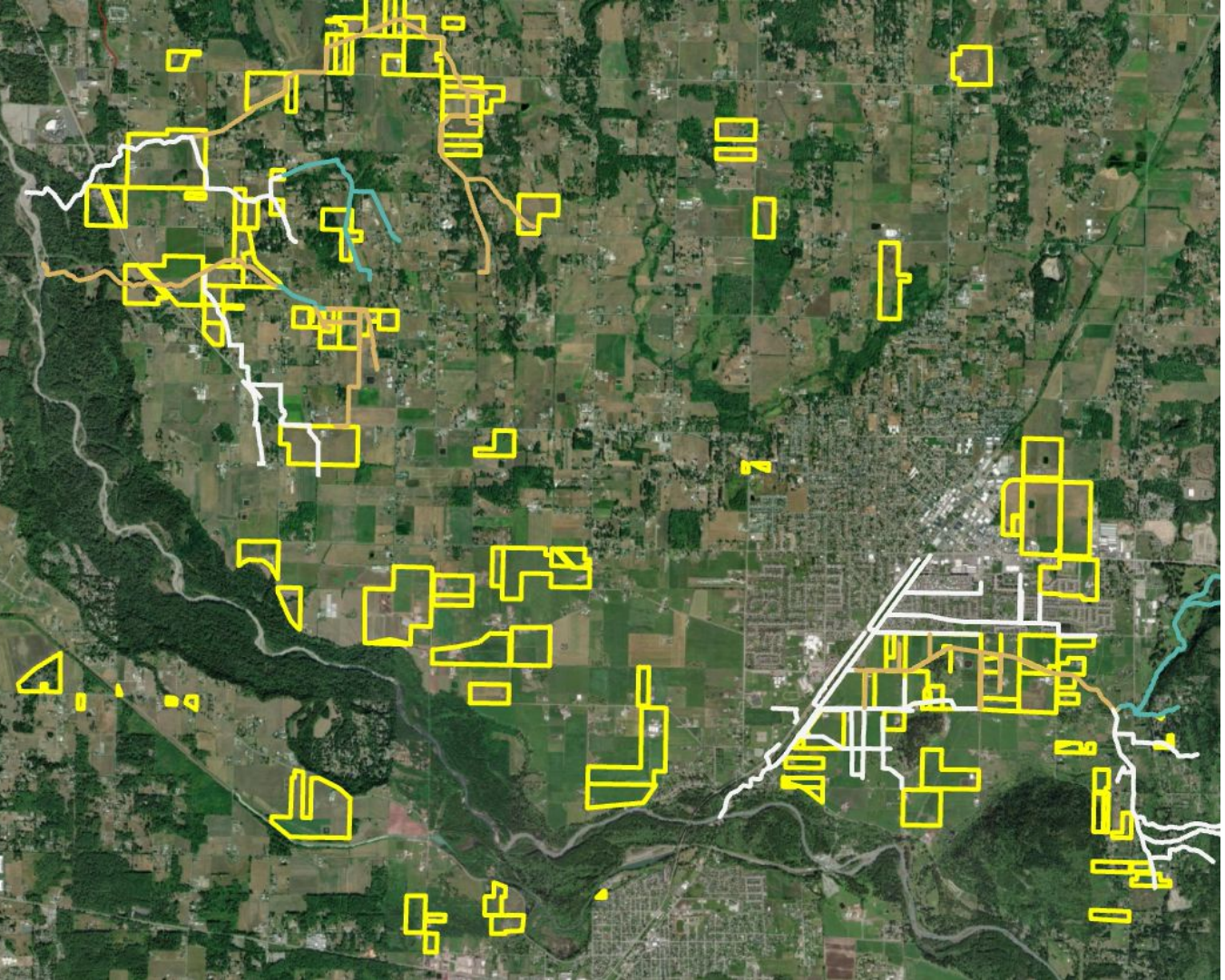
Updated reach priority designations for Second and Pussyfoot based on Ecology & KC SWS data

- High priority reach
- Medium priority reach
- Low priority reach

How will these priority designations be used by Ecology?

Nonpoint workflow



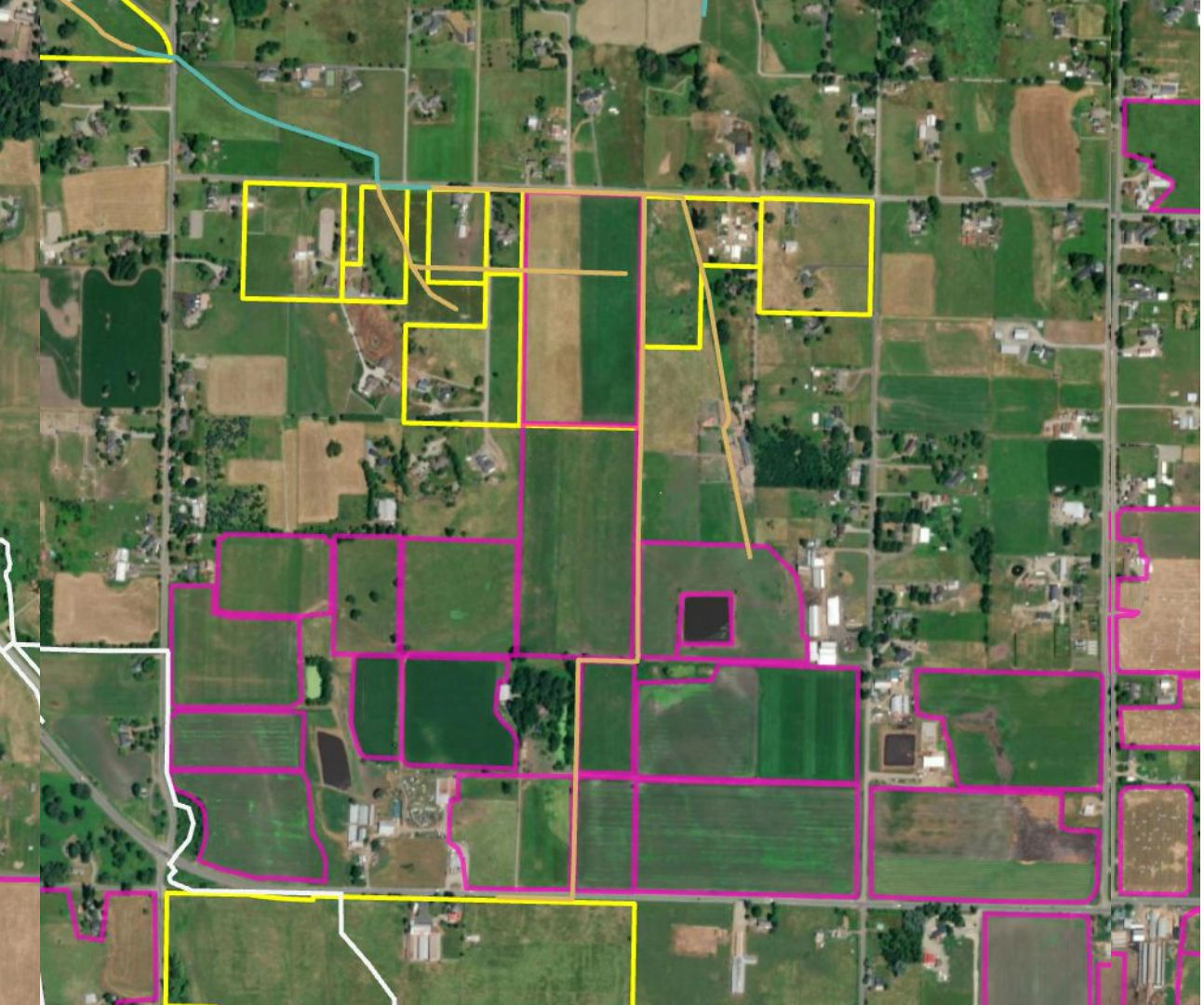


1. Assign reach names and priorities to existing ~100 Enumclaw-area sites in database

1. Assign reach names and priorities to existing ~100 Enumclaw-area sites in database

2. In order of priority….
   a. Check sites of concern for status
   b. Discuss with KCD
   c. Contact landowners and refer to KCD if not already cooperators. Push for voluntary compliance!
   d. Compliance/enforcement process as necessary
3. All newly discovered sites will get slotted into the priority list according to location and be dealt with accordingly
4. In 3 years, when Julian begins monitoring at a finer scale again, we can revise priorities if needed

Circle of ~~Life~~ Adaptive Management



How can other implementers use this prioritization scheme?

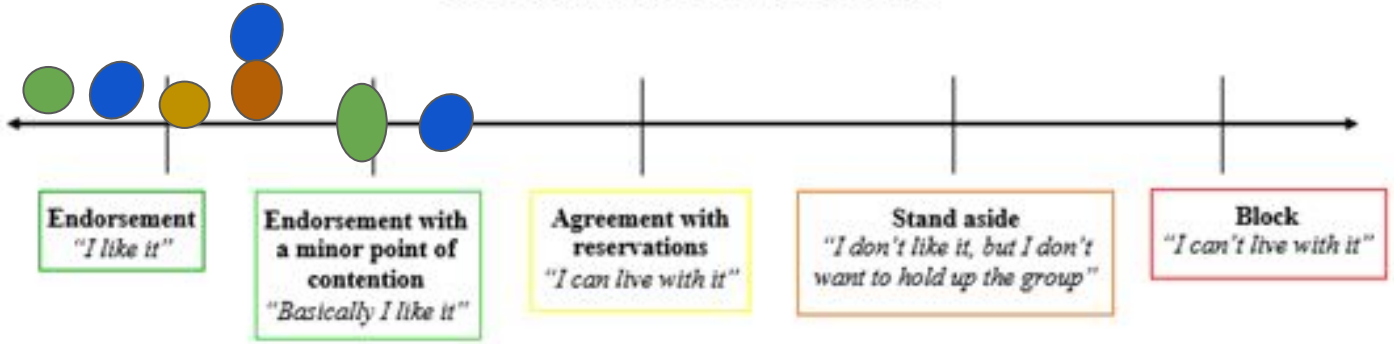
Proposed Priority Implementation Reaches- thoughts, questions, ah ha's, critical gaps, red flags?

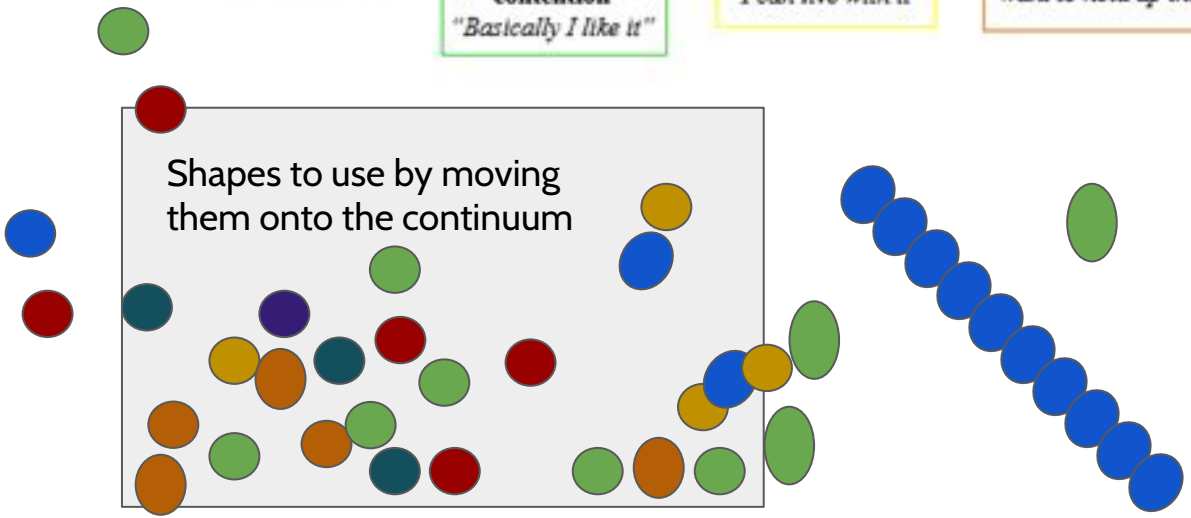
Funding, funding and more funding…inflation has made doing large projects nearly impossible.

Helps with justifying certain activities or providing higher levels of funding assistance.

Proposed Priority Implementation Reaches

PLACE A SHAPE ON THE CONTINUUM TO SHOW YOUR LEVEL OF AGREEMENT





Your proudest Puyallup/Lower White River water quality related accomplishment in the last year; moment where collaboration succeeded; or give kudos to an individual in this group!

Jay's Riojas project with Rick

Thank you Julian for making the data summary so layperson friendly

Kudos to Cameron for all his hard work in the county

Kudos to KCD!

Kudos to everyone working with landowners

Thanks to Megan for fostering a relationship with the dairy's on the Plateau.

Thank you Emily for doing the tough job of identifying sites and working with landowners. .

Thanks for the great presentation Julian and for all your hard work collecting the data!

I was going to highlight one or two KCD folks, but can't. They're all doing work that I appreciate beyond words.

Welcome to Enumclaw Emily!

Thanks to KCD for putting up with me while I pretend to know about farming (and learn more about it)

I want to give kudos to Cameron who is extremely responsive and very helpful. He goes above and beyond!

Thank you to Rick for always being open to help with complicated projects that make a big impact.

Seattle Health for conducting IDDE septic dye testing

The Riojas manure management project cost-share was a nice bit of implementation. Thanks to Jay for helping with that!

Thank you to the WSDA folks for offering support to KCD