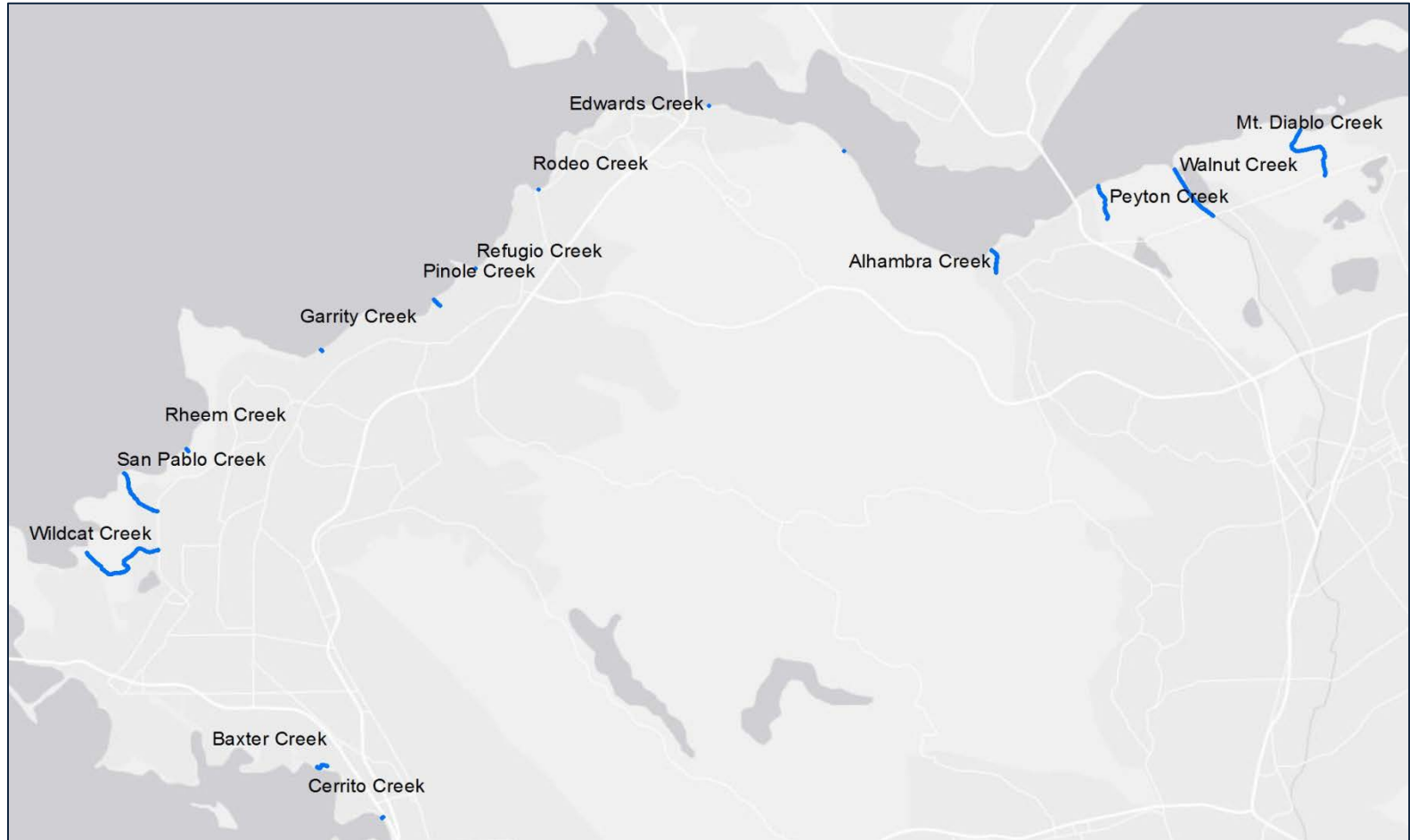


Creek Mouth Assessment Project



Bay Area Watershed Network – Oakland - 02/21/2013
Adrien Baudrimont – Caitlin Sweeney

Project Pyramid

**Identify Creek Mouth
Restoration Opportunities**

Creek Mouth general assessment based on existing
information

Excel table with information on
creek mouths (Tool1)

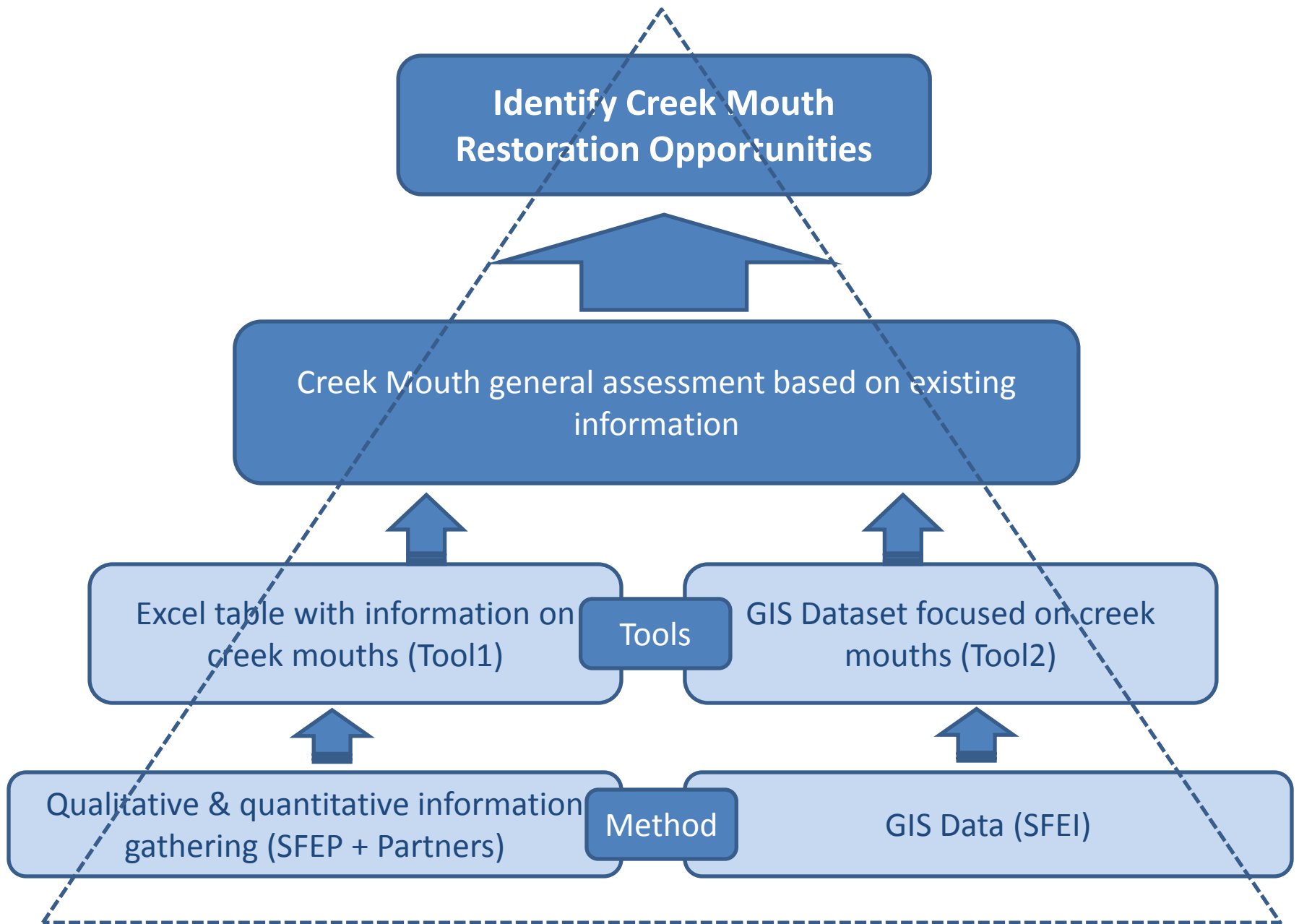
Tools

GIS Dataset focused on creek
mouths (Tool2)

Qualitative & quantitative information
gathering (SFEP + Partners)

Method

GIS Data (SFEI)



Collecting Data about Creek Mouths

To the first
Upstream
Barrier

Creek Mouth

From the
Opening to
the Bay

- Bridge
- Culvert
- Major tributary

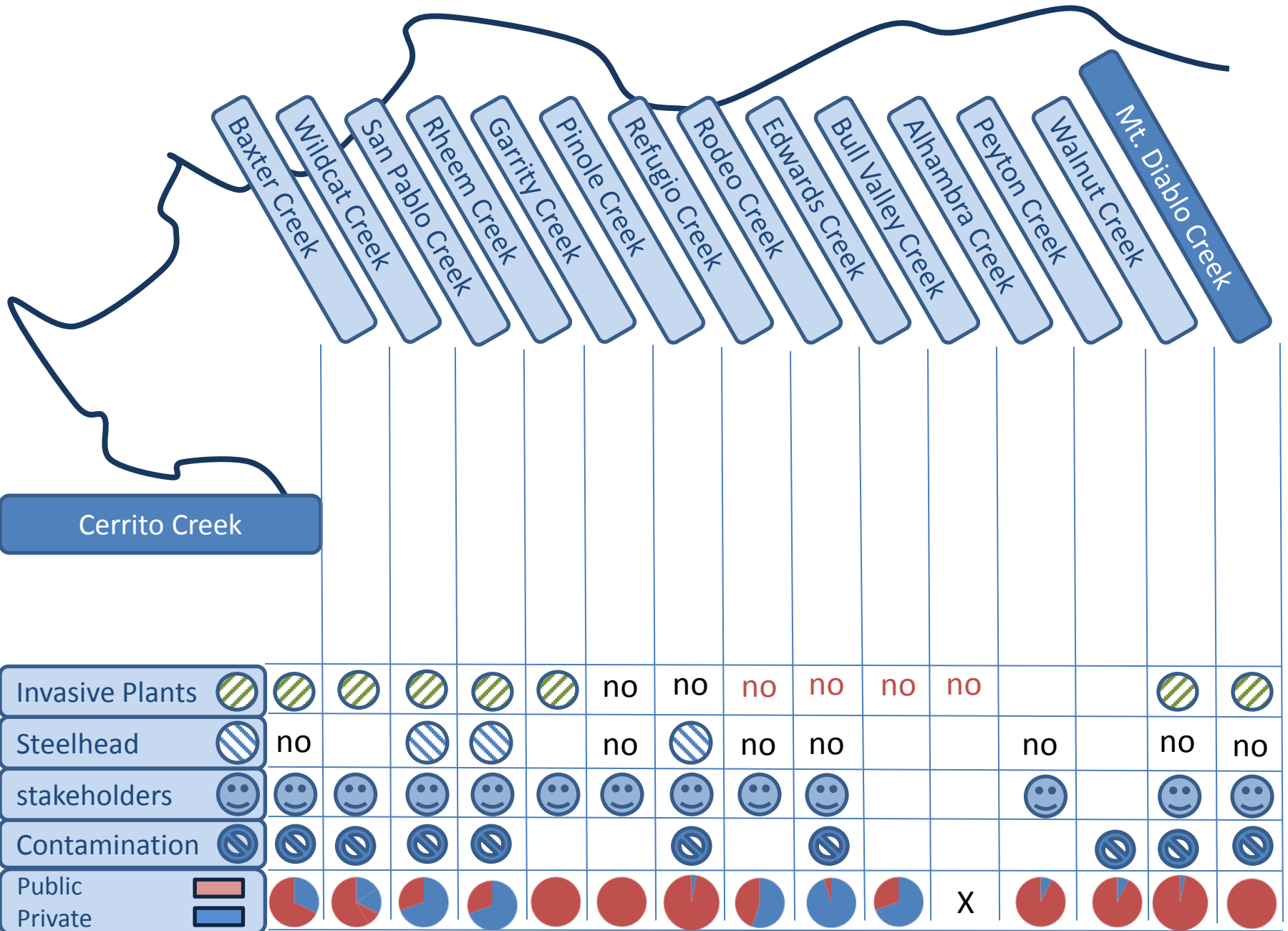
Creek Mouth Table (Tool1)

Narrative Data	Quantitative Data
Descriptions	Creek Mouth Numbers: Length, widths
Interested Parties	Restoration Polygons
Co	
On	

How to represent this data?

County & Creek Mouth Level

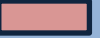
Contra Costa Creeks



Creek Mouth level

Creek Mouth Query

Public land



Private land



Land Use

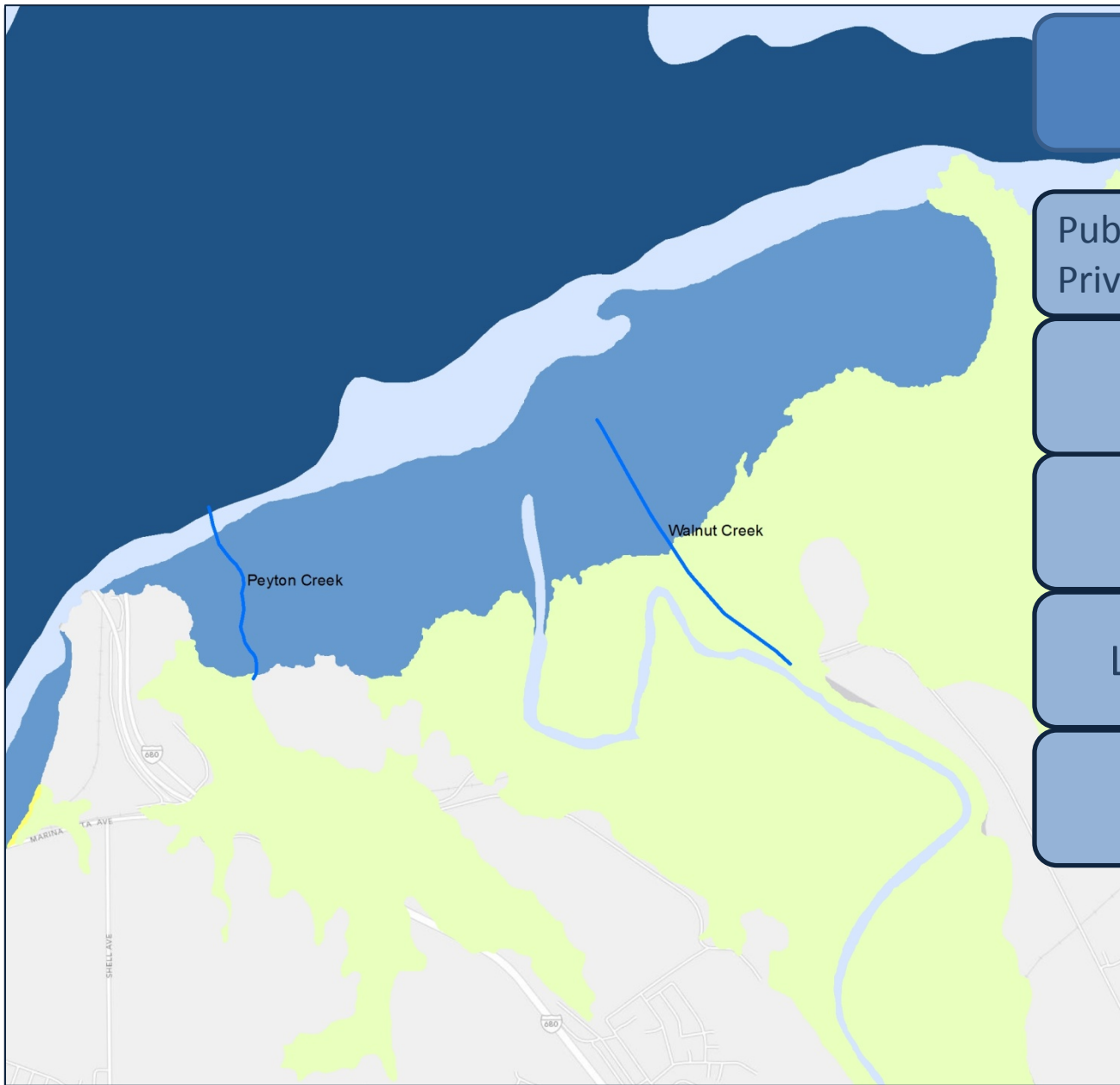
Restoration Projects

Levees + Wetlands Data

Historical Ecology

Peyton Creek

Walnut Creek



Today



Pilot Project: Marin County

First step to test the project, then all around the Bay, \pm 80 creeks

Data gathering!

GIS treatment is a work in progress

One year project

Phase 2: Online Tool

Thank you!