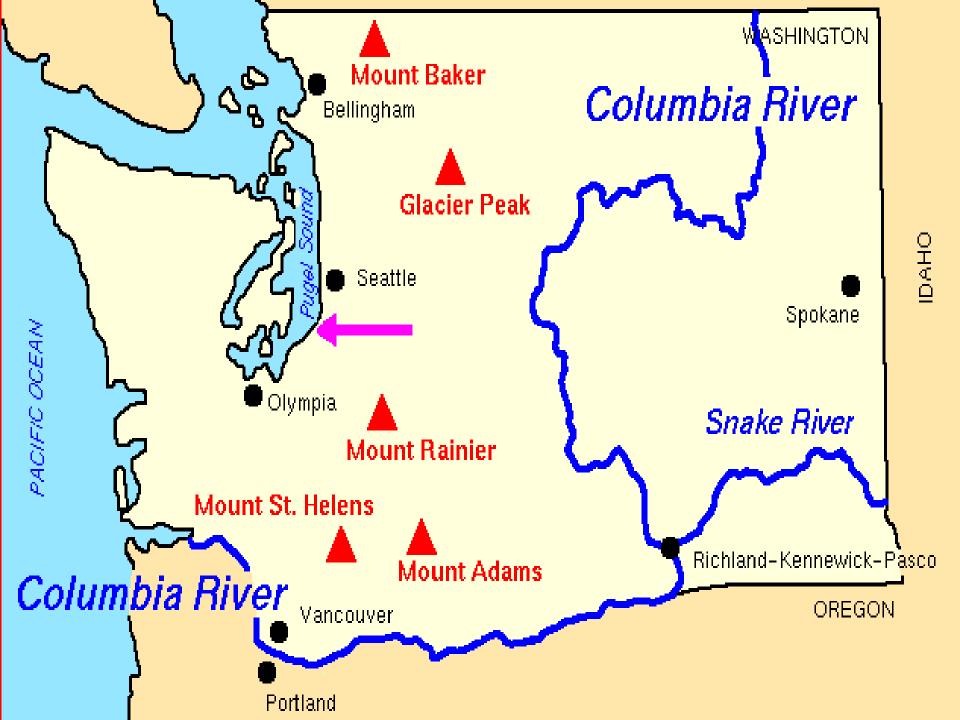


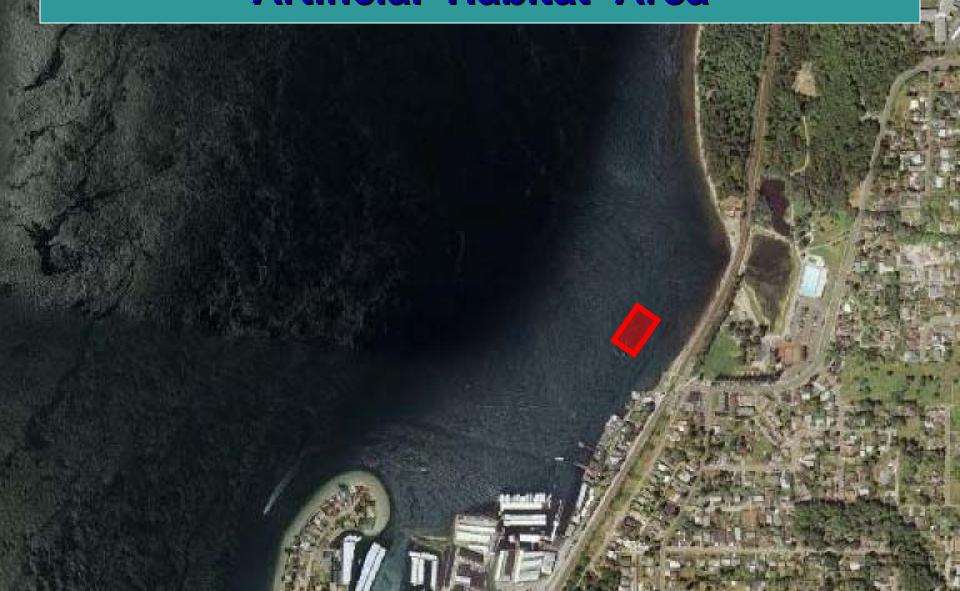
Anna Comfort and Matt Holroyd

Titlow Beach Background

- Marine Preserve
 - Located South of Narrows Bridge, Tacoma WA
- Popular Dive Site
 - Abundant marine life on wooden pilings and old ferry dock
- Pilings are to be removed
 - Toxic chemicals bio-accumulate up the food chain
 - Many animals cannot tolerate the toxic pilings so selective biology on the pilings (Department of Fish and Wildlife)







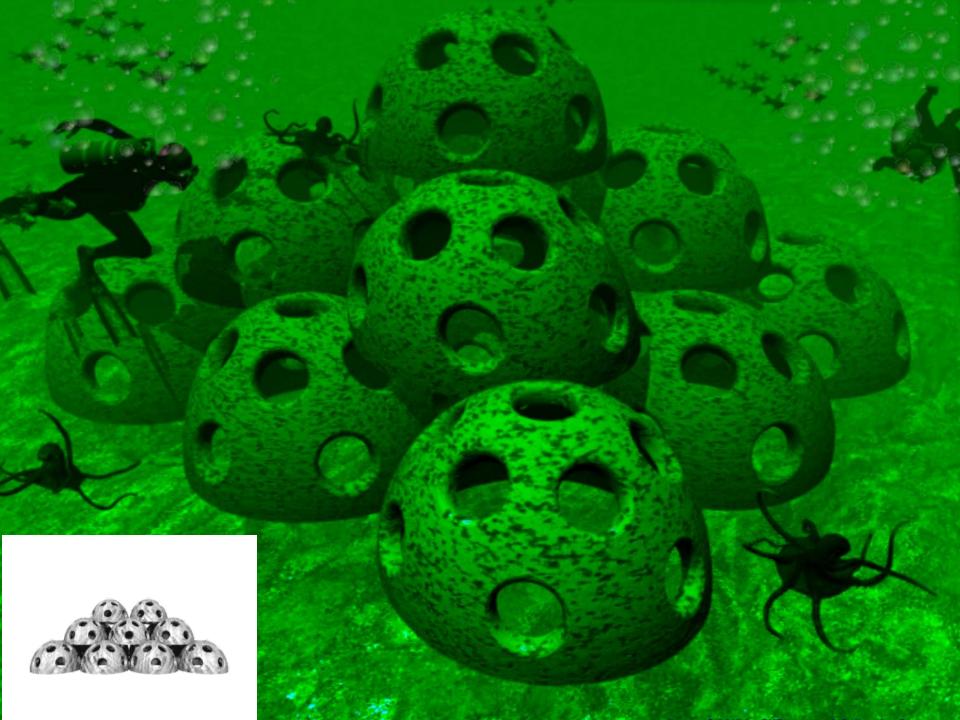


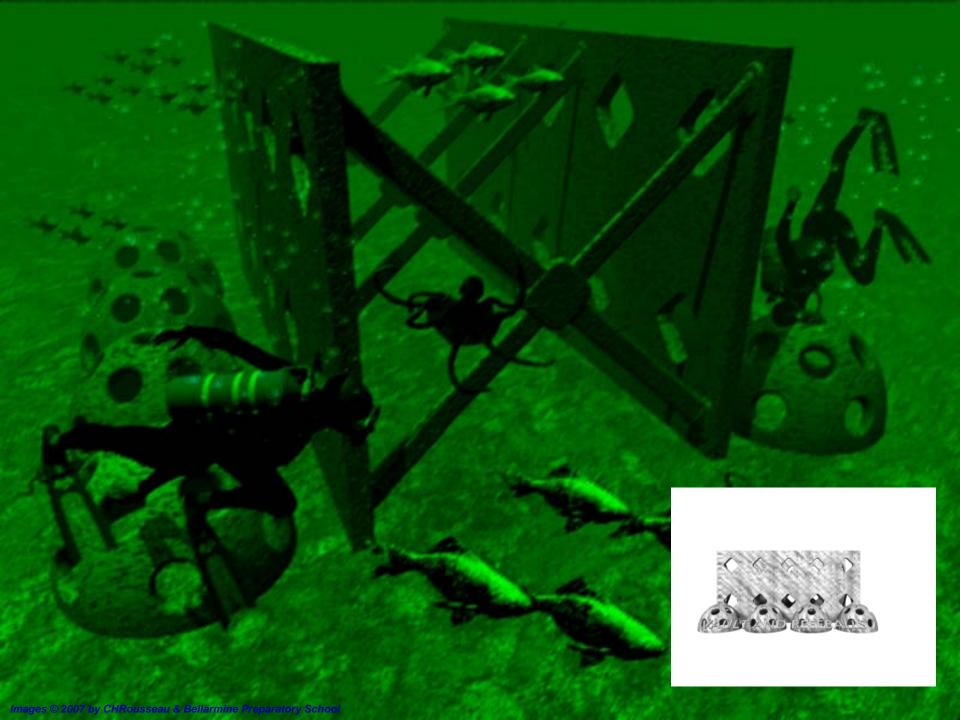
- Initiated by the Washington State Scuba Alliance
- Bellarmine Preparatory School's Marine Chemistry Program
- Endorsed by Metro Parks Tacoma

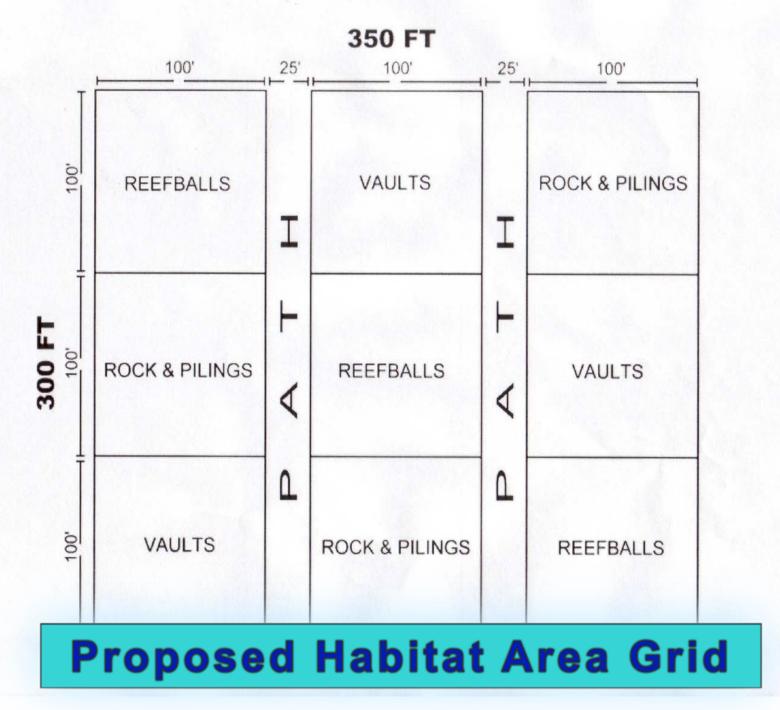
What We Hope to Achieve

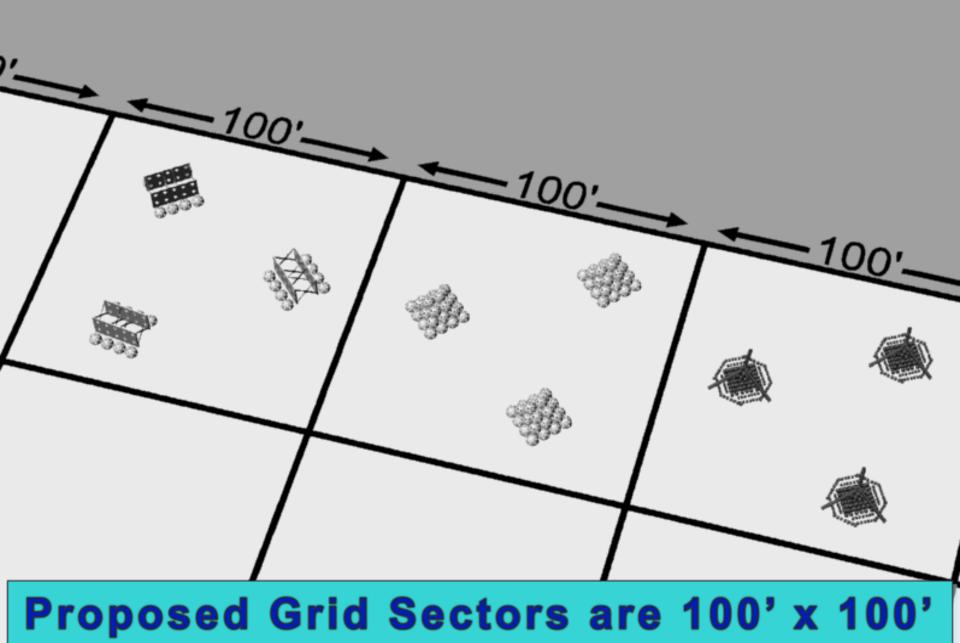
- 1. Replace toxic habitat with environmentally friendly material
- Provide a safe place that is well-liked by divers and marine life
- 3. Provide awareness of Puget Sound's abundant marine life
- 4. Educational opportunity to observe marine life in a natural non-aquarium setting
- 5. Opportunity to statistically compare different habitat structures













Proposed Habitat Area Grid

Advantages of GIS

- Allows for the manual insertion of spatial referenced data
 - Site Boundaries
 - Grid
- Measures and Locates points, lines, and polygons. Takes away manual labor

Advantages of GIS

Can be accessed and itemized for specific users Specific users include: **Divers** Students Local Marine Biologists Primary focus to create an environment for science of all levels

