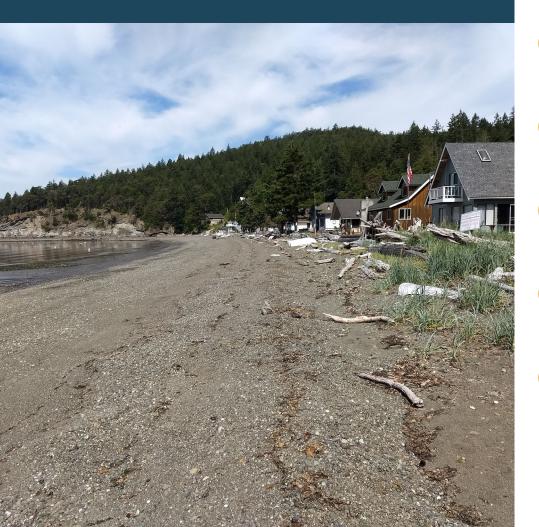


Strawberry Bay Restoration

Neighbor Presentation 2/13/2023



AGENDA



- Welcome Introductions/Sign-In/Chat in Teams
- Project Background/Objectives
- Existing Environmental Conditions
- 4 Conceptual Restoration Design
- Questions

Introductions



Tina Mirabile, MS, PWS
Herrera Project Manager
Senior Wetland Ecologist/
Permitting



Jonathan Waggoner, PE Senior Coastal Engineer



Jeff Parsons, PhD, PE Senior Geomorphologist



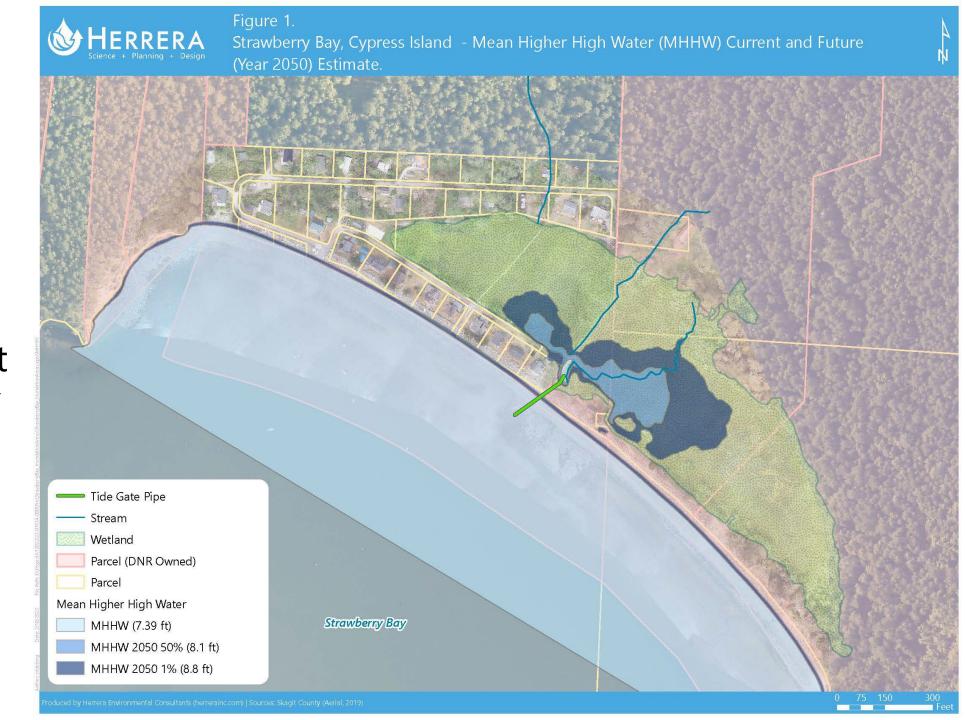
Shawree Zhang
Scientist

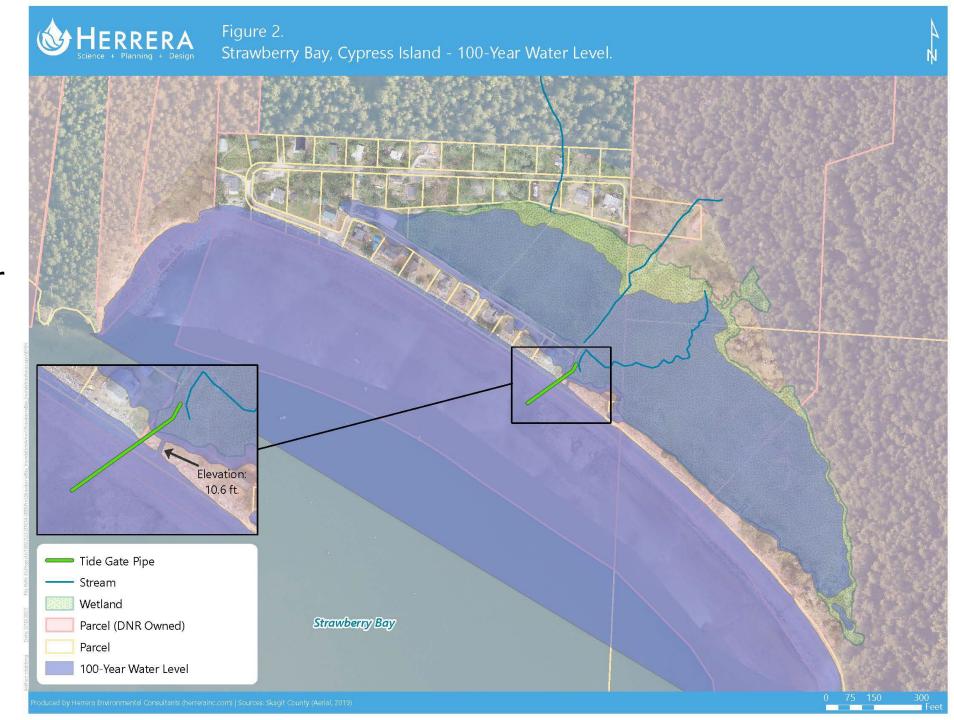
Conditions Today and Future Sea Level Rise (SLR) Scenarios

Year	SLR	MHHW	100-yr
2022	0	7.4	10.6
2050 50%	+0.7	8.1	11.3
2050 1%	+1.4	8.8	12.0
2100 50%	+2.0	9.4	12.6
2100 1%	+4.9	12.3	15.5

Elevations in NAVD88, which is 0.7 ft <u>above</u> Mean Lower Low Water (MLLLW) @ 0.0 eet e.g. Mean Higher High Water (MHHW) = 7.4 ft NAVD88 = 8.1 ft MLLW

Daily tides will flood more of the marsh, but will not be problematic by 2050.

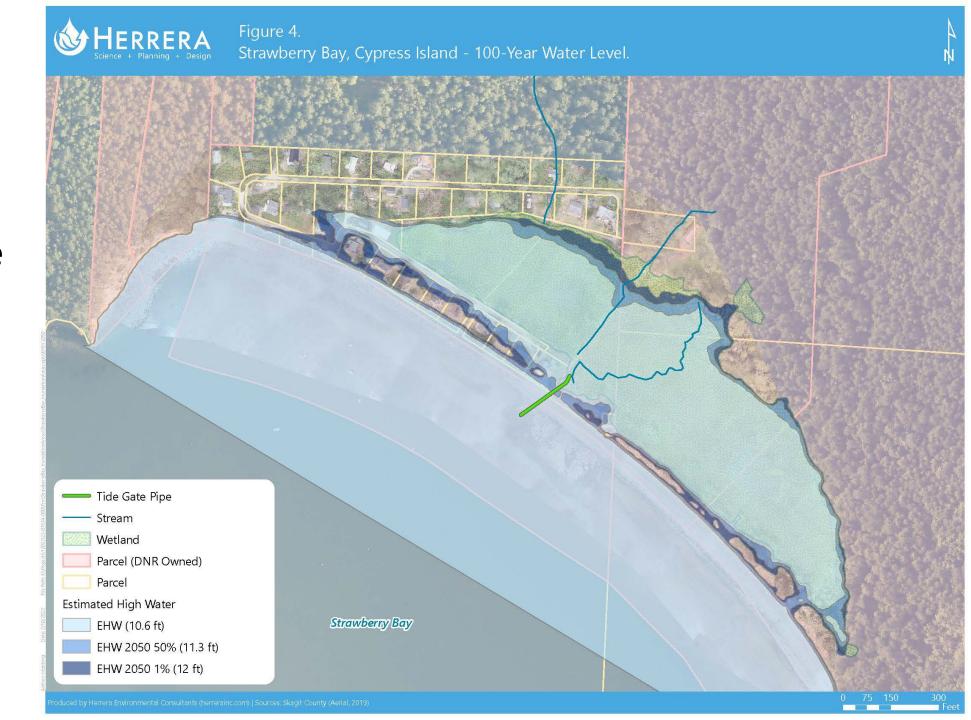




Estimated tide on Dec 27 peaked at 10.9 ft, likely causing extensive flooding of the marsh



The 100-year Tide elevation is expected to worsen and flood from multiple points



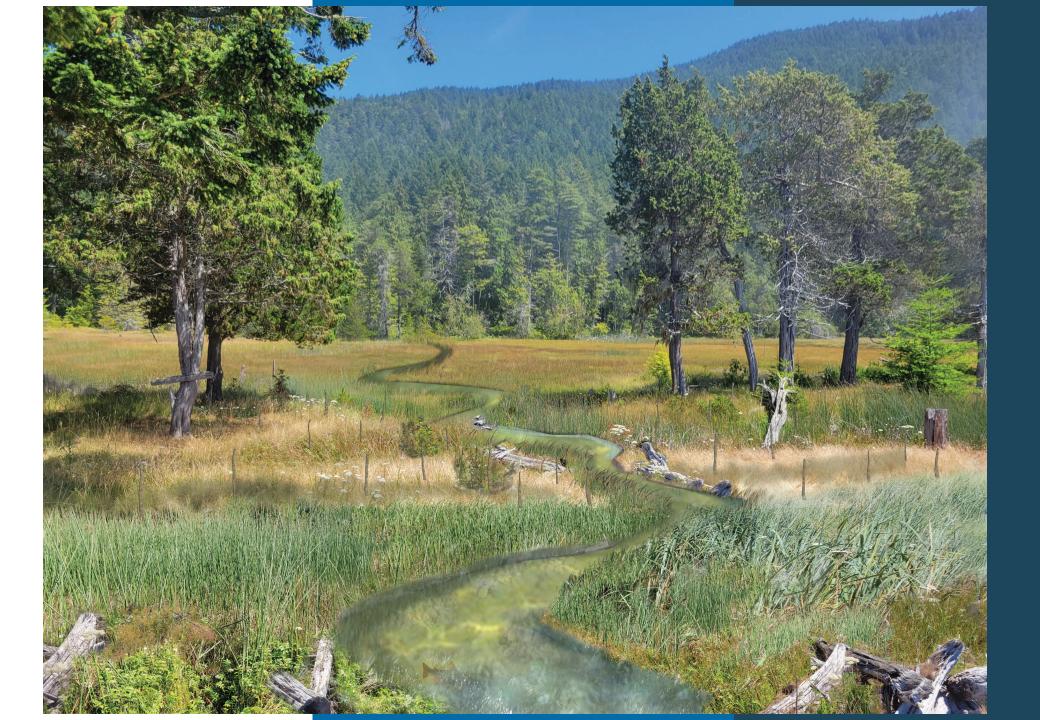














Questions?

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