Anderson-Ketron Disposal Site Trawl Study

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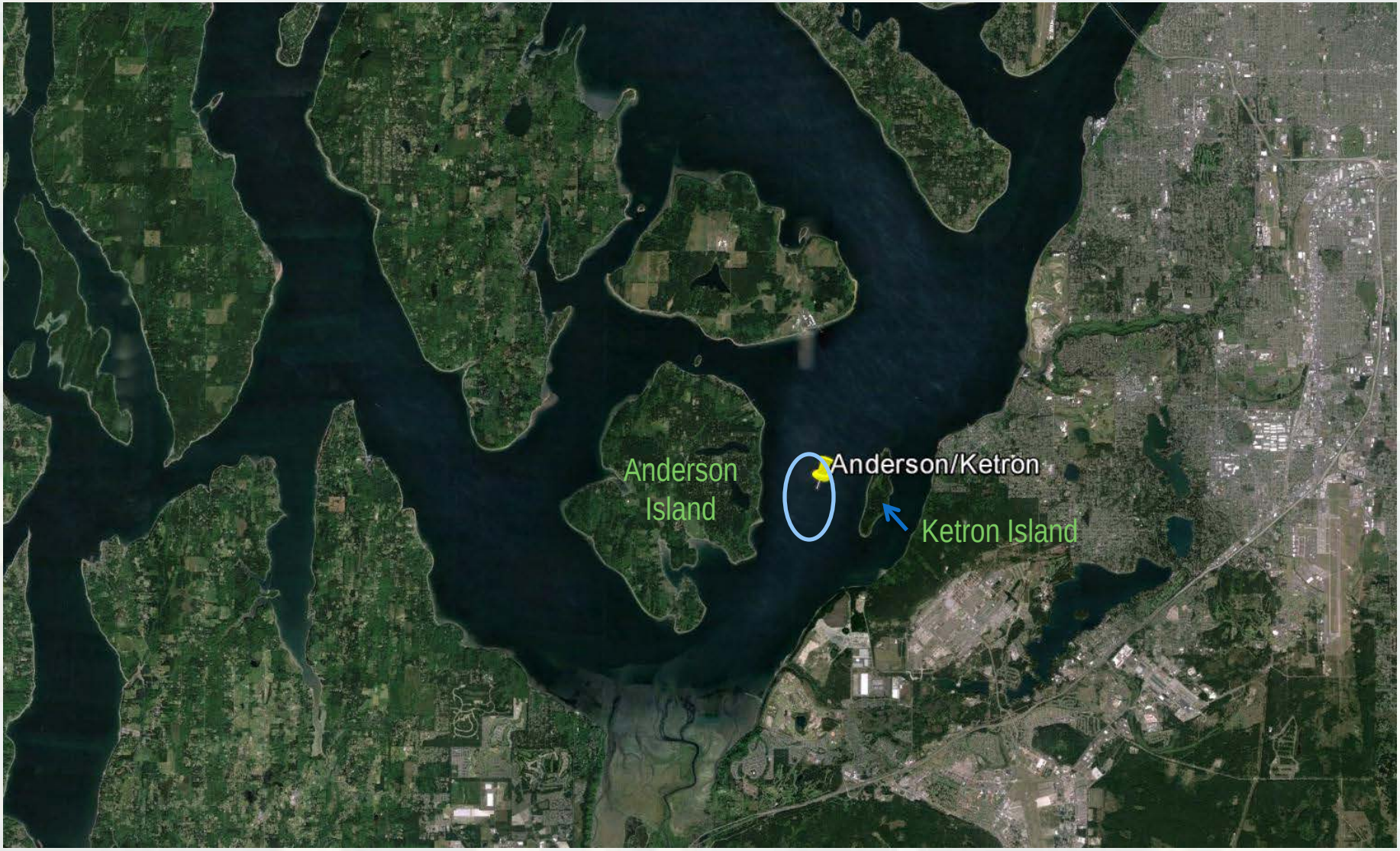
US Army Corps of Engineers

BUILDING STRONG®

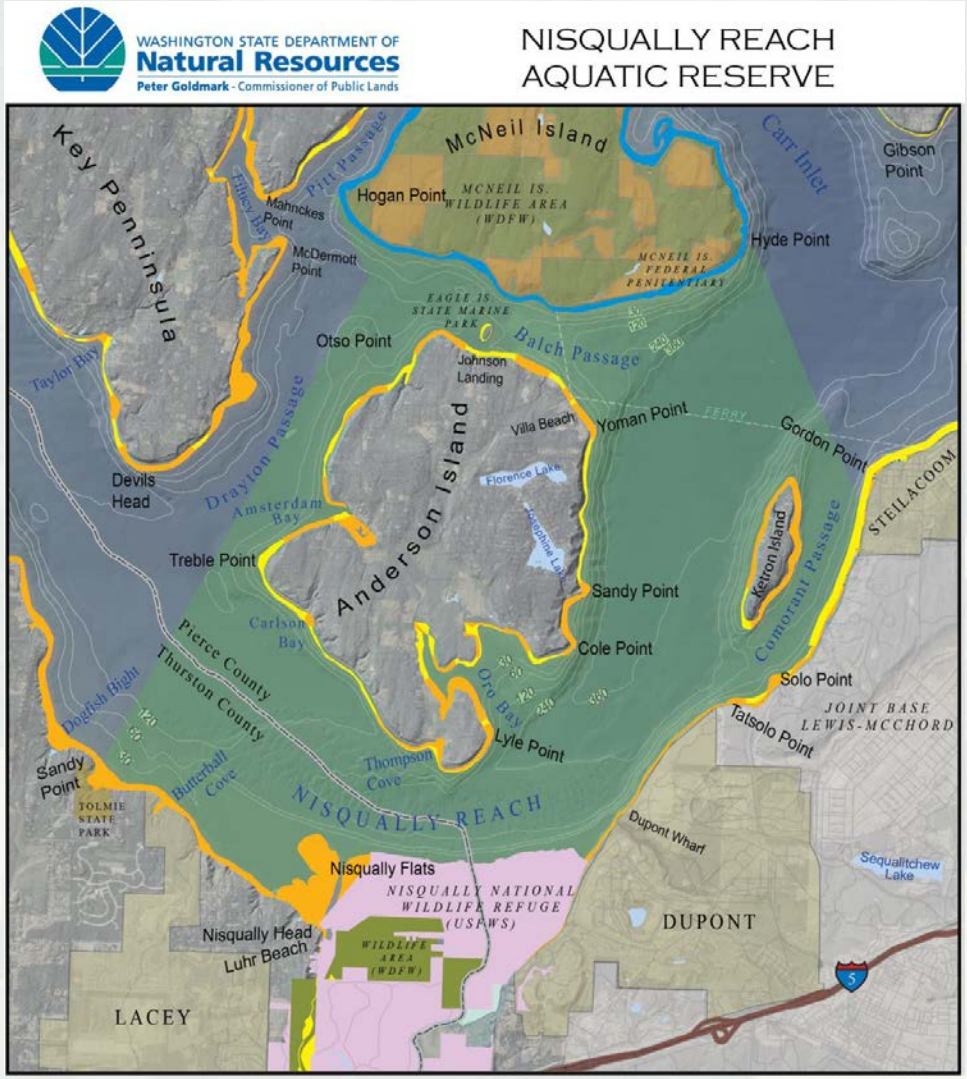
Puget Sound Disposal Sites

Anderson/Ketron Site



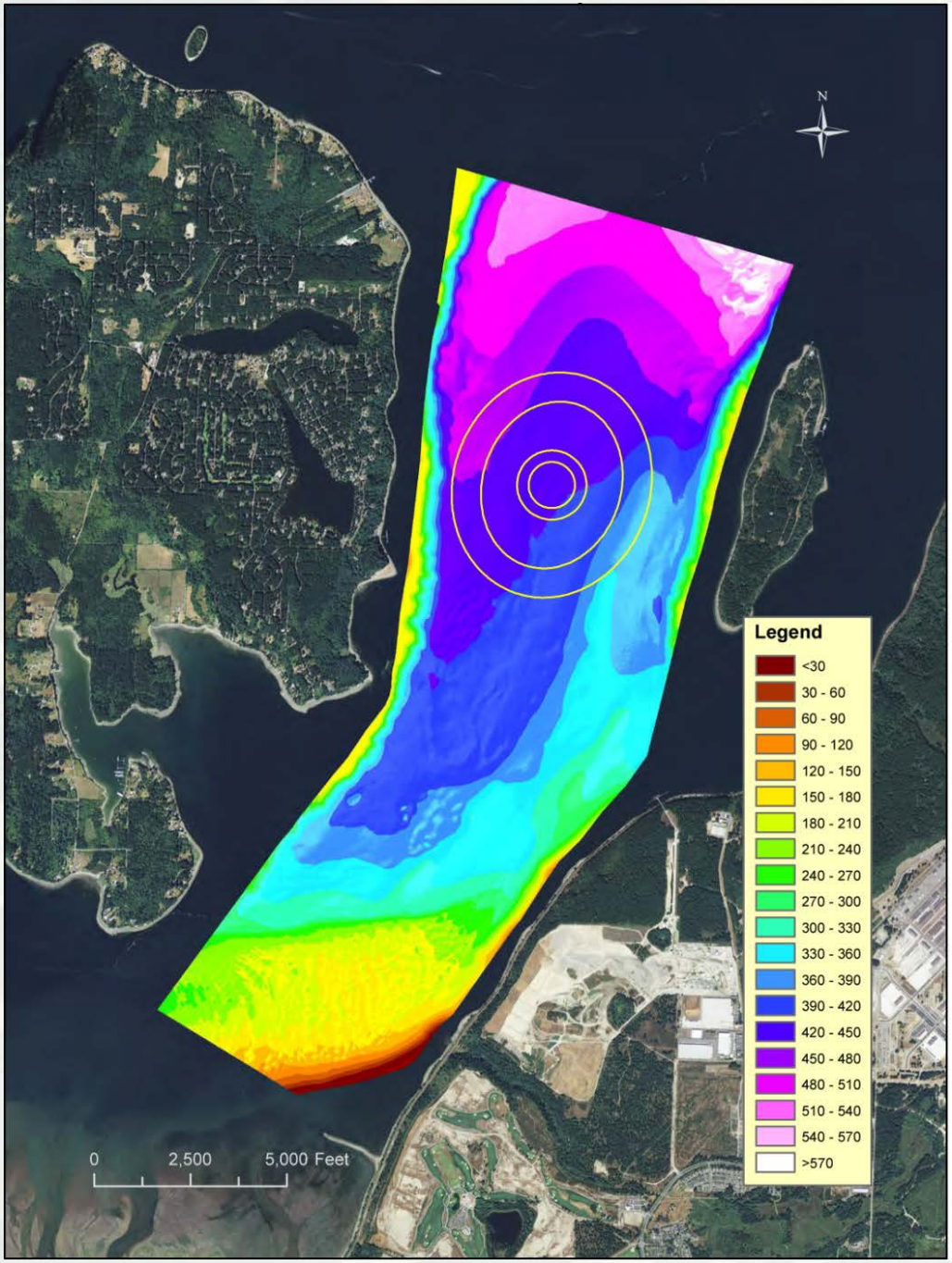
A/K Site Permitting

- Shoreline Permit renewal needed from Pierce County
- Nisqually Reach Aquatic Reserve established in 2011
- Site reassessment: Were original studies for site placement accurate?



A/K Recent Special Studies

- Sediment transport model - 2013
- Multibeam bathymetric survey - 2014
- ROV survey – 2014
- Trawl study – 2014 to 2015

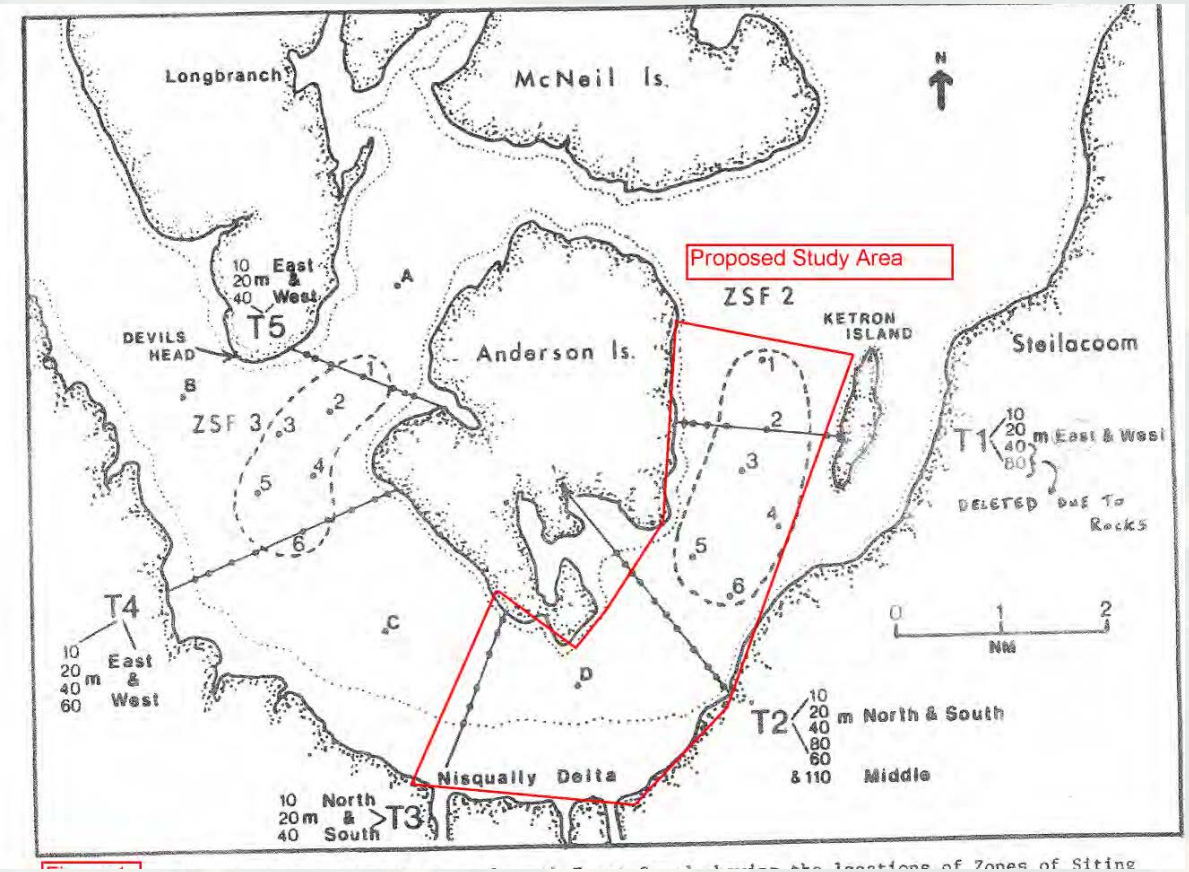


Site Bathymetry

Deepest elevation approximately 145 meters (480 ft.)

A/K Site and the Nisqually

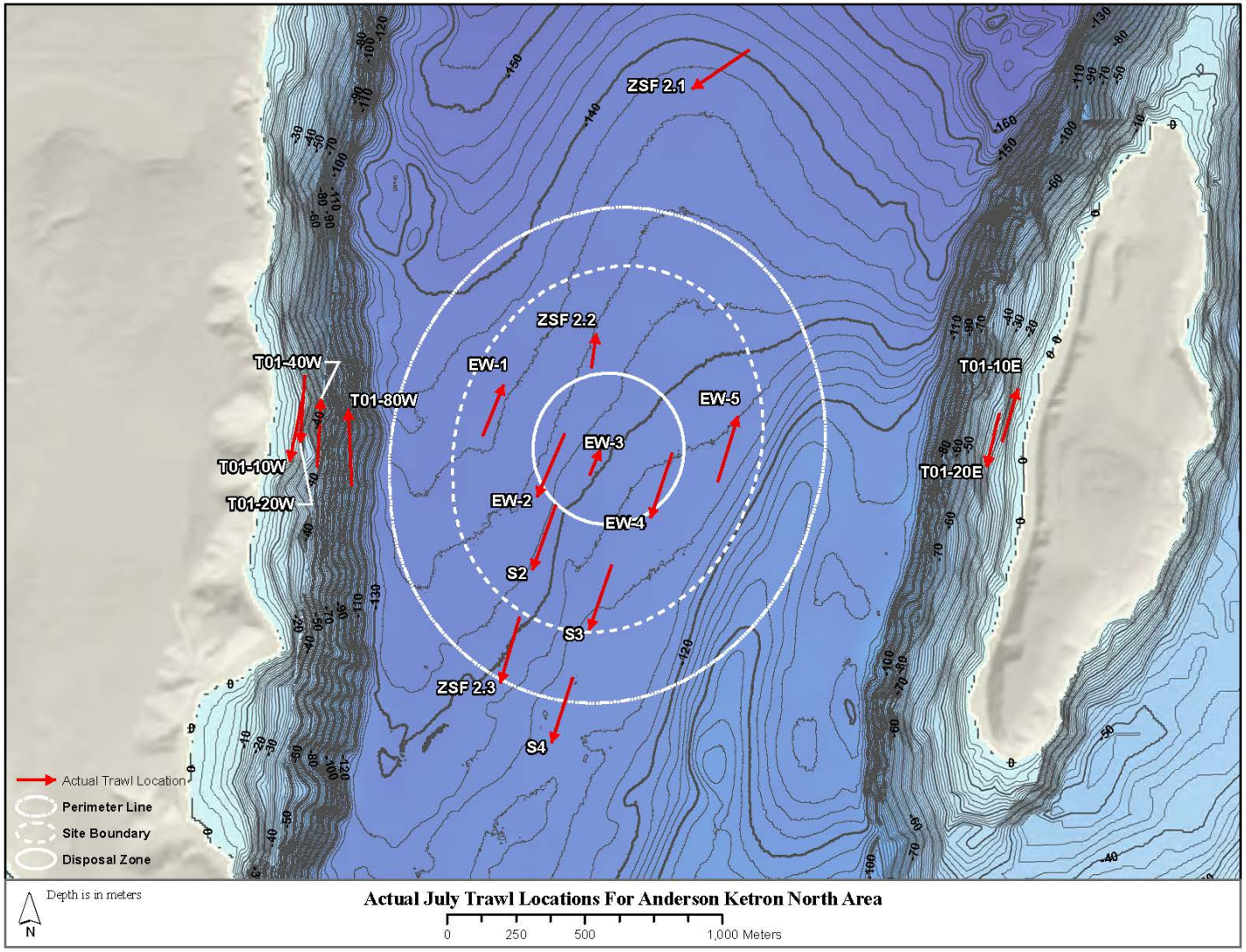
- Study duplicated original siting transects in Nisqually Reach
- 26 year comparison



A/K Trawl Study: Status

- All sampling completed
- Data analysis in progress (contractor)
- Expect report later in summer

February 2015 Trawl Video



Lessons to Date

- Original siting studies put the disposal site in the right place (deep, low habitat value)
- Debris on site: On-site trawls have recovered flippers, bottles, construction materials. ROV survey also detected debris.

Future of the A/K Site

- Use of site included in Nisqually Reserve Master Plan
- Pierce County: Last minute change to Shoreline Master Program prohibits disposal of dredged material in reserve
- Ecology reviewing plan; opportunity for public comment prior to implementation

Take Home Lessons

- DMMP partnering with WDFW a huge success: WDFW brought wealth of experience, knowledge.
- Regardless of future of A/K site, study has deepened awareness of site use by target species as well as humans.

Special thanks to:

- Charlie Eaton
- Chris Hunt
- Tom Putnam