

Shoalwater Bay, Dune Restoration Project Tokeland, WA

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**Semi-Annual Dredging Meeting
23 June 2016**



**US Army Corps of Engineers
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Shoalwater Bay



Completed October 2013

Coastal Images/Ron Arel



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Updates

- **Monitoring Work**
- **Sand Fence Pilot**
- **Potential PAS study with WSDOT (FY17)**
- **Future schedule**



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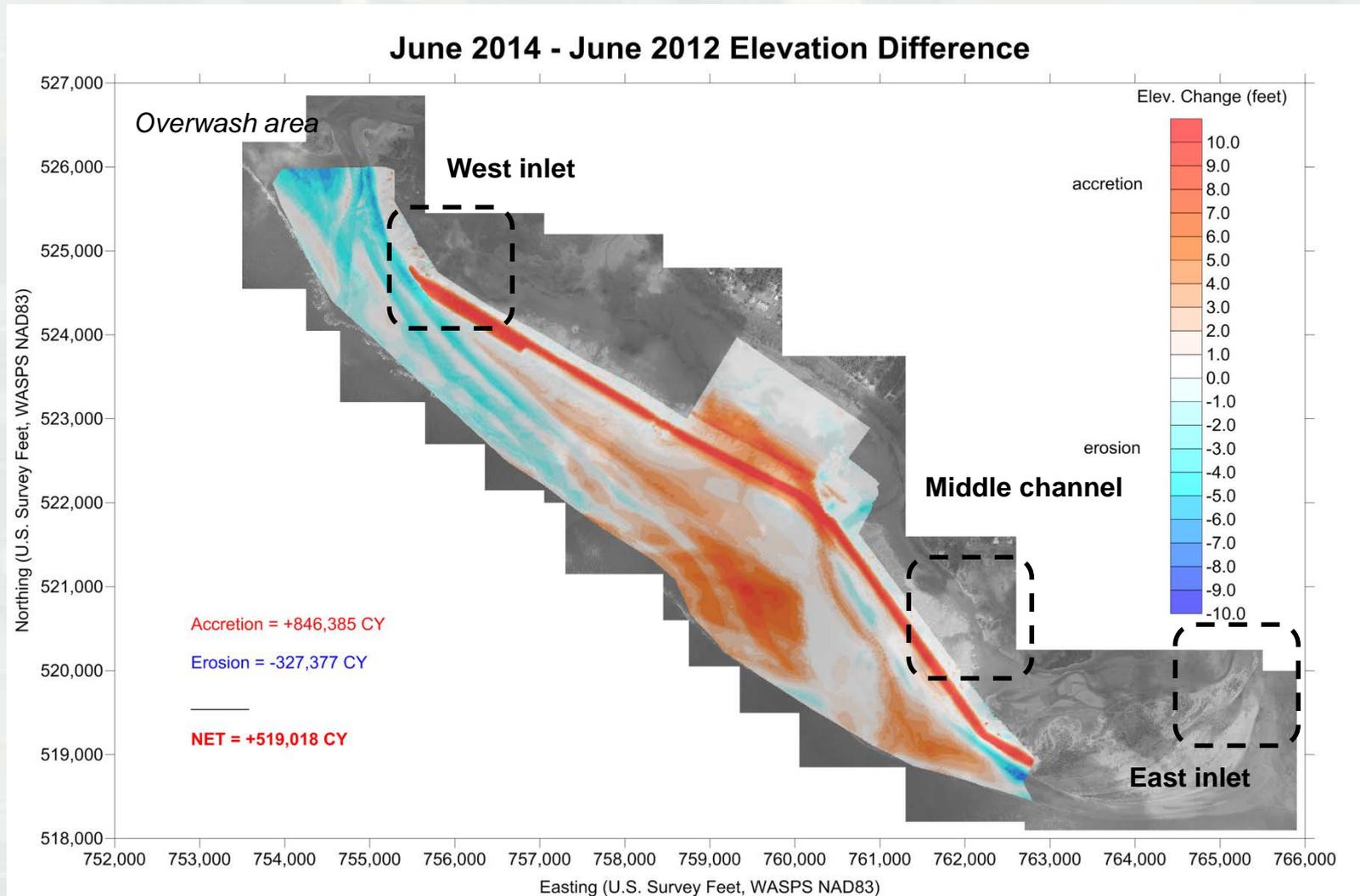
2014-2017 Monitoring

- Co-op agreement with WDoE CMAP group (G. Kaminsky)
- Surveys completed, Sep 14, Apr 15, Sep 15, Apr 16



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Erosion/Accretion areas



Historic tidal marsh and finger wetlands
have been filled in by overwash fans



Dune
North terminus

Sand Fencing

- 4 man crew placed ~1500 LF of fence in 3 days (Feb 15 & Sep 15)
- Low cost / effective method to build dune height during the Summer months.
- O&M of fencing scheduled for 19 -20 September 2016



Schedule

- FY16 –Monitoring & analysis reporting
- FY17 – Plans & Specification for re-nourishment
- FY17 - Planning Assistance to States (PAS) study with WSDOT – shoreline change modeling / alternative development for roadway up/downdrift of SR-105 groin
- FY18 – planned dune re-nourishment construction (pending funding)

