

# Former Custom Plywood Mill Site Cleanup Project Coastal Engineering and Implementation

11/05/2015

*Vladimir Shepsis, Ph.D, P.E; Principal Coastal Engineer,  
Coast & Harbor Engineering, Division of HMM  
and*

*Joel Darnell, P.E., Senior Coastal Engineer, ESA*



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Fidalgo Bay



**Port of Anacortes Former  
Scott Paper Mill Site**

**Former Custom  
Plywood Mill Site**

Google earth

Imagery Date: 8/25/2011 48°29'45.14" N 122°34'51.51" W elev 2 ft eye alt 26307 ft



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# Port of Anacortes Former Scott Paper Mill Site



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# Port of Anacortes Former Scott Paper Mill Site

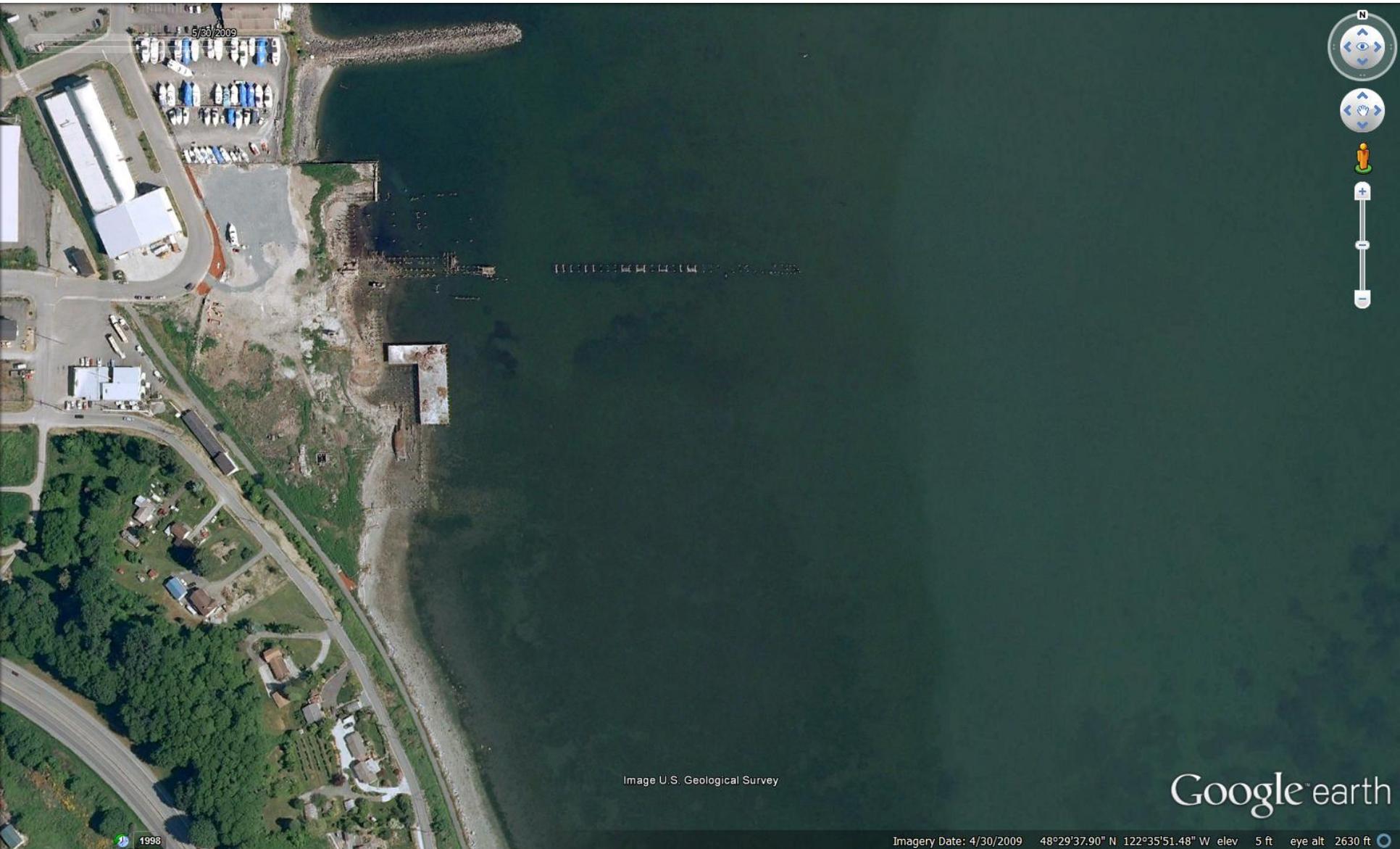


# Completed Project – Recreational Improvements



Co

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5/30/2009



Image U.S. Geological Survey

Google earth

1998

Imagery Date: 4/30/2009 48°29'37.90" N 122°35'51.48" W elev 5 ft eye alt 2630 ft





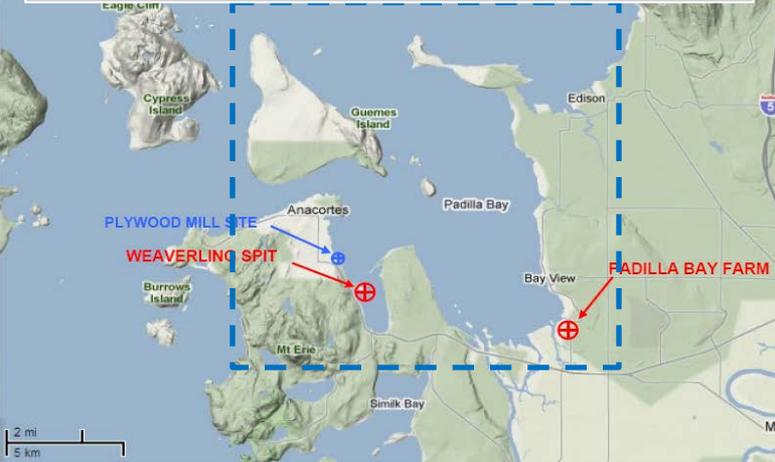
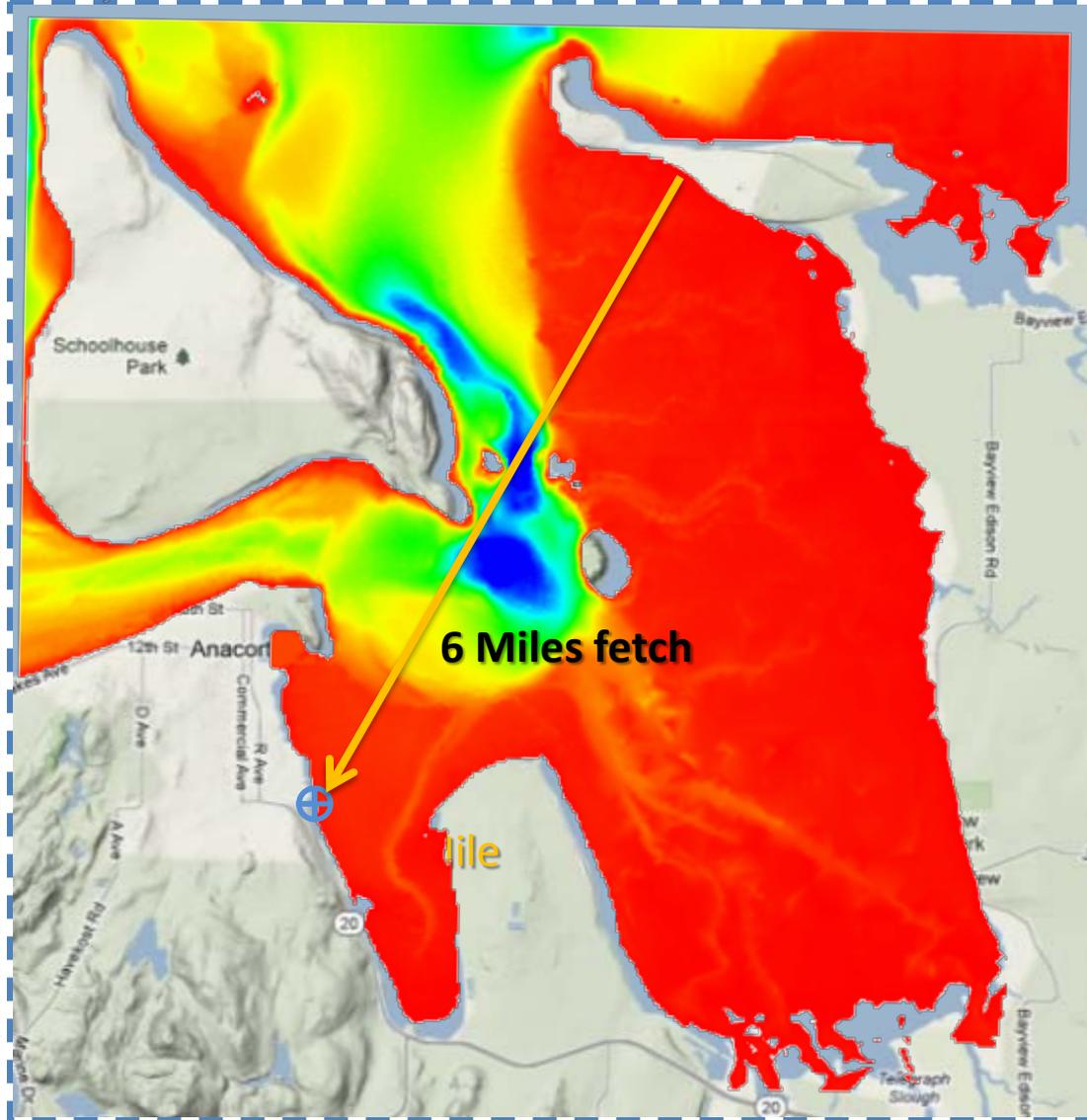
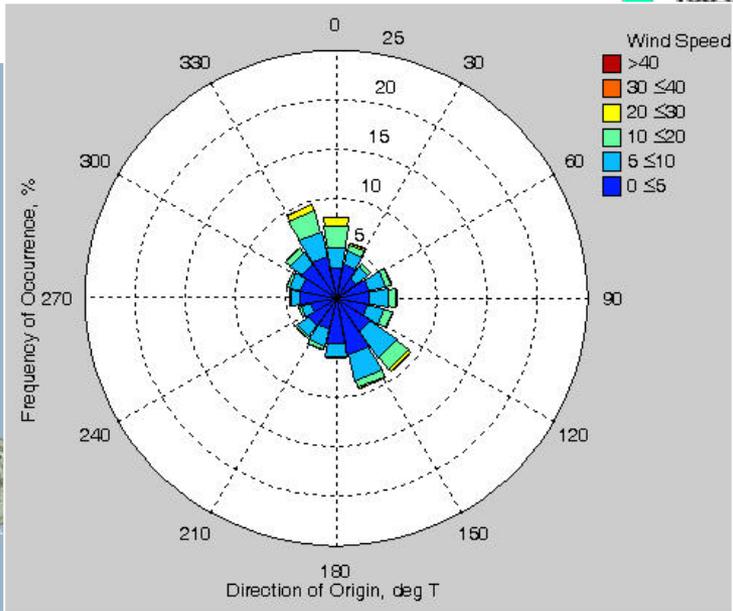


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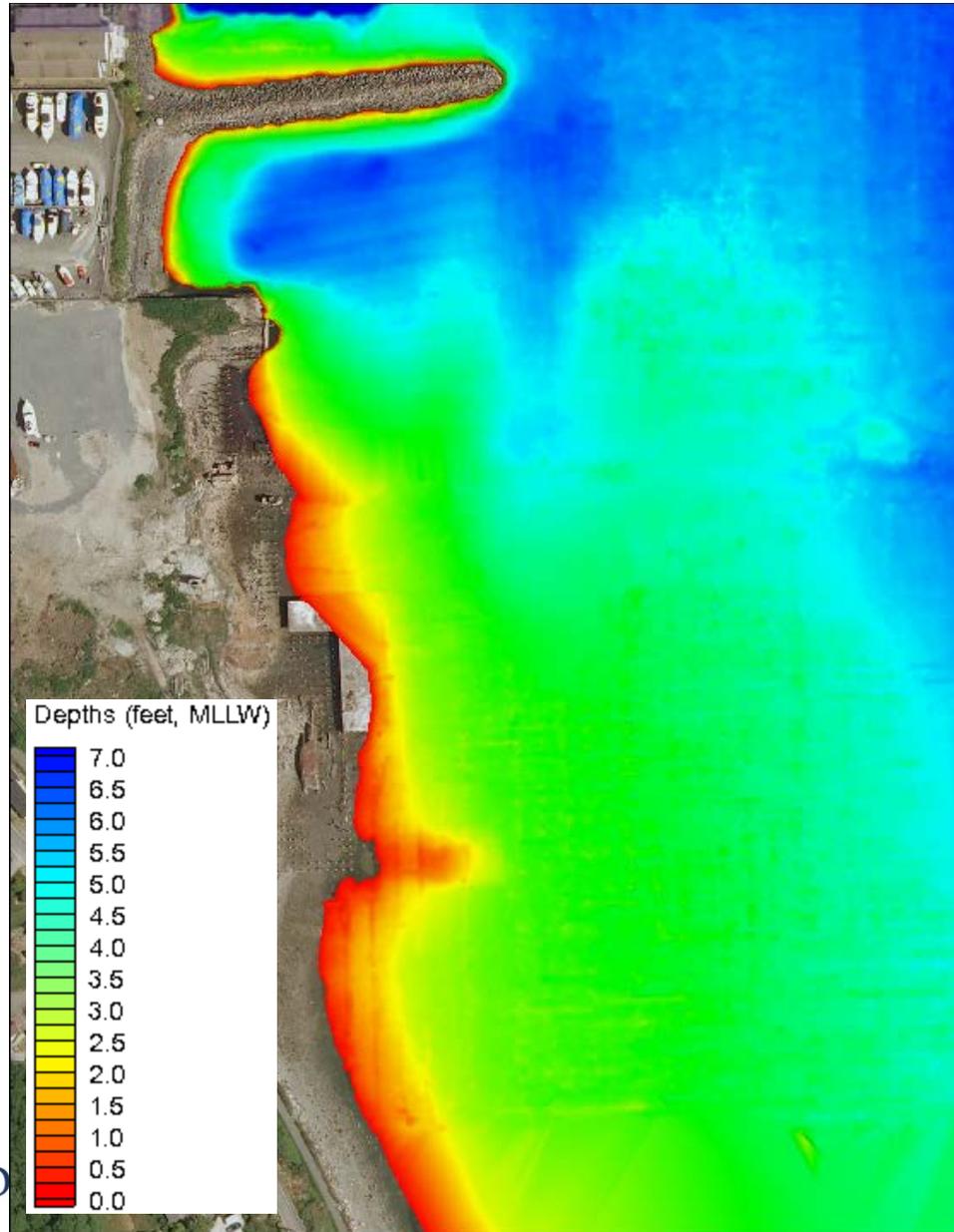
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# Water Depth and Wind-wave Exposure

Depth (Feet MLLW)

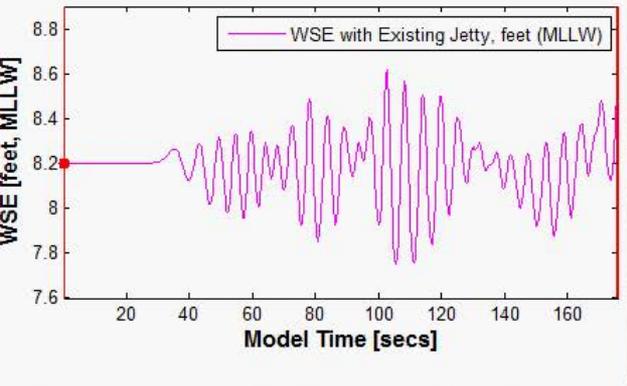


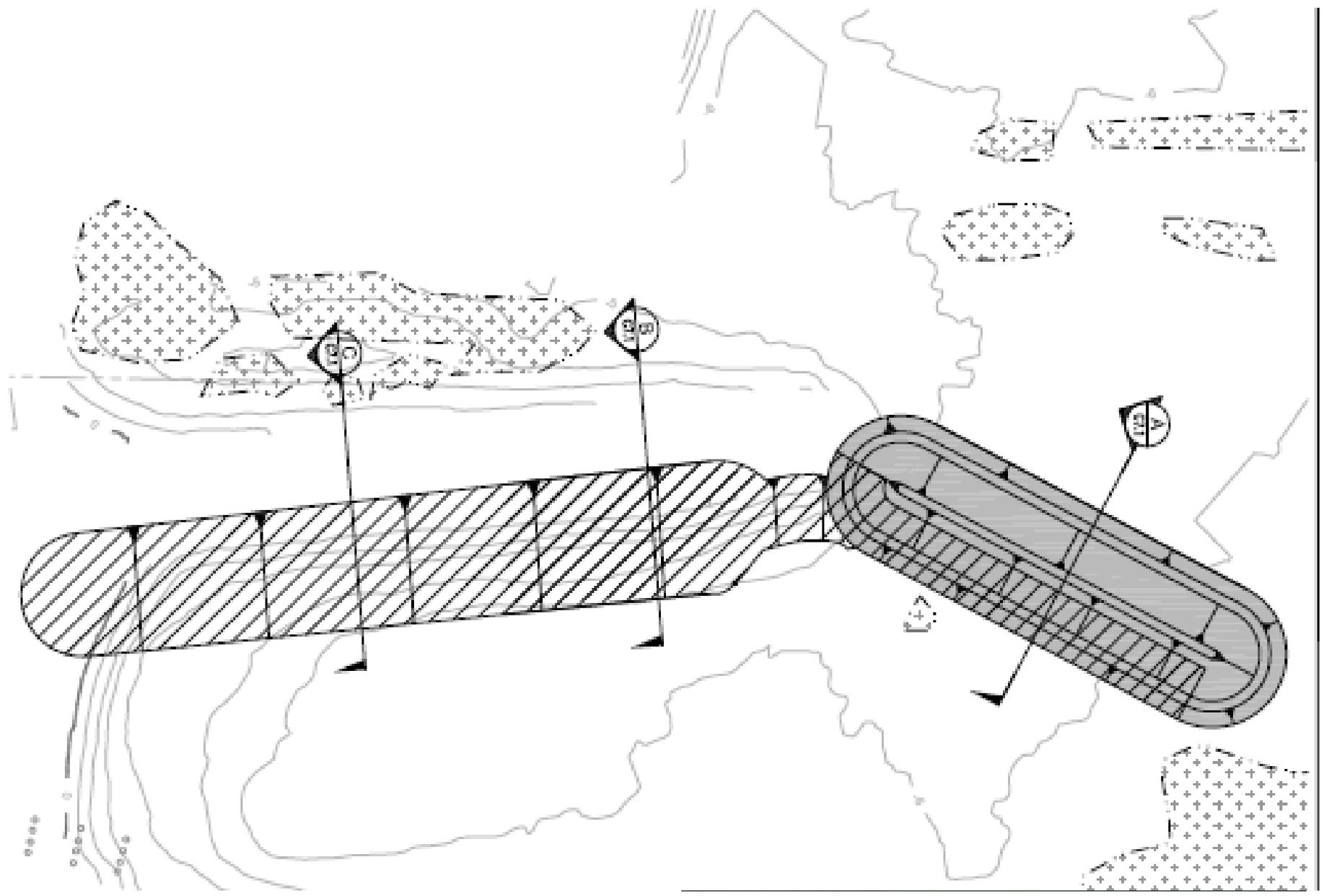
# Nearshore Modeling Grid (Resolution 2x2m)



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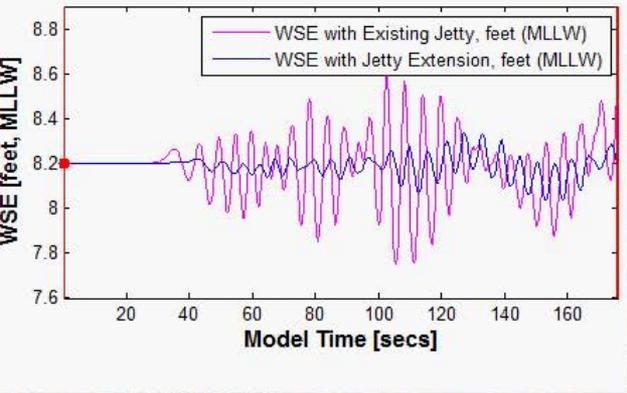


0 50 100  
Feet



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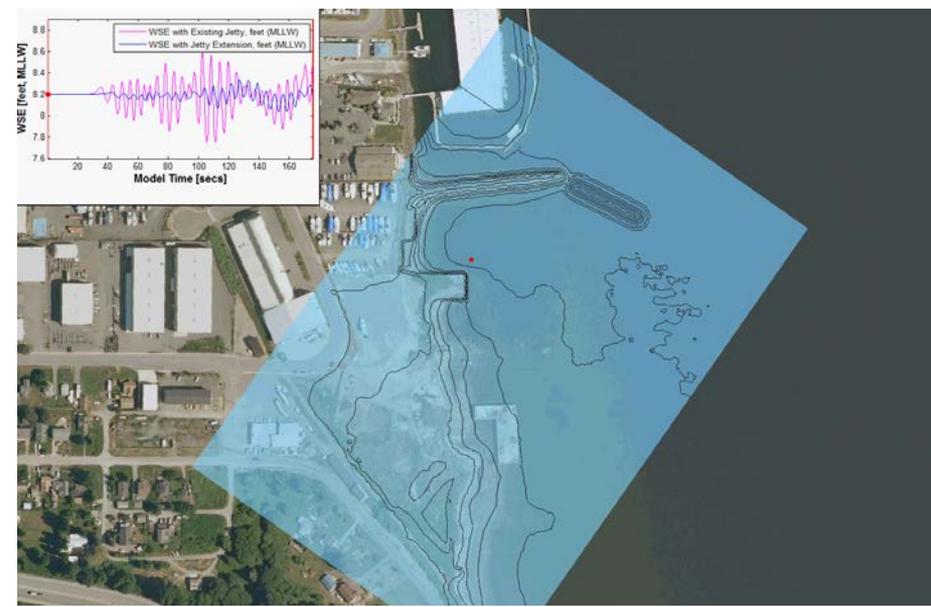
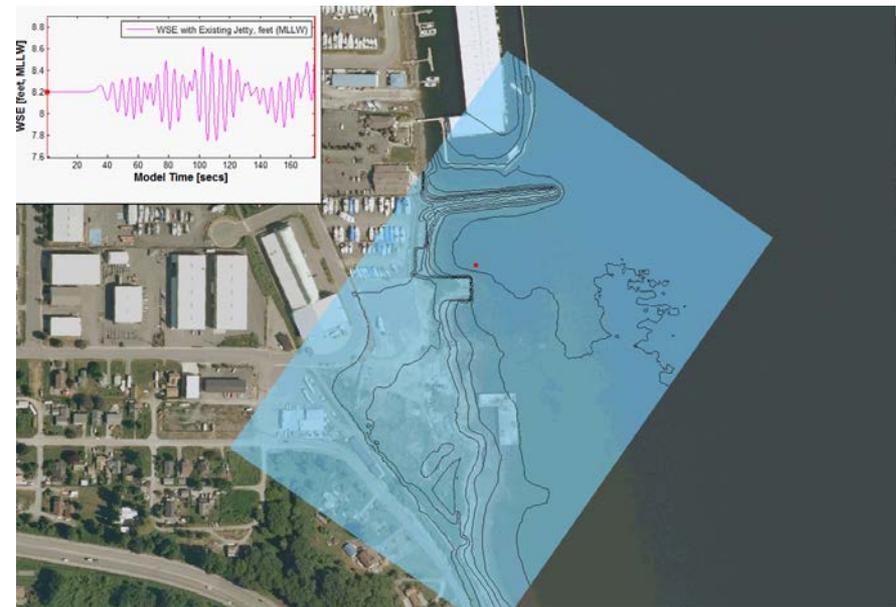
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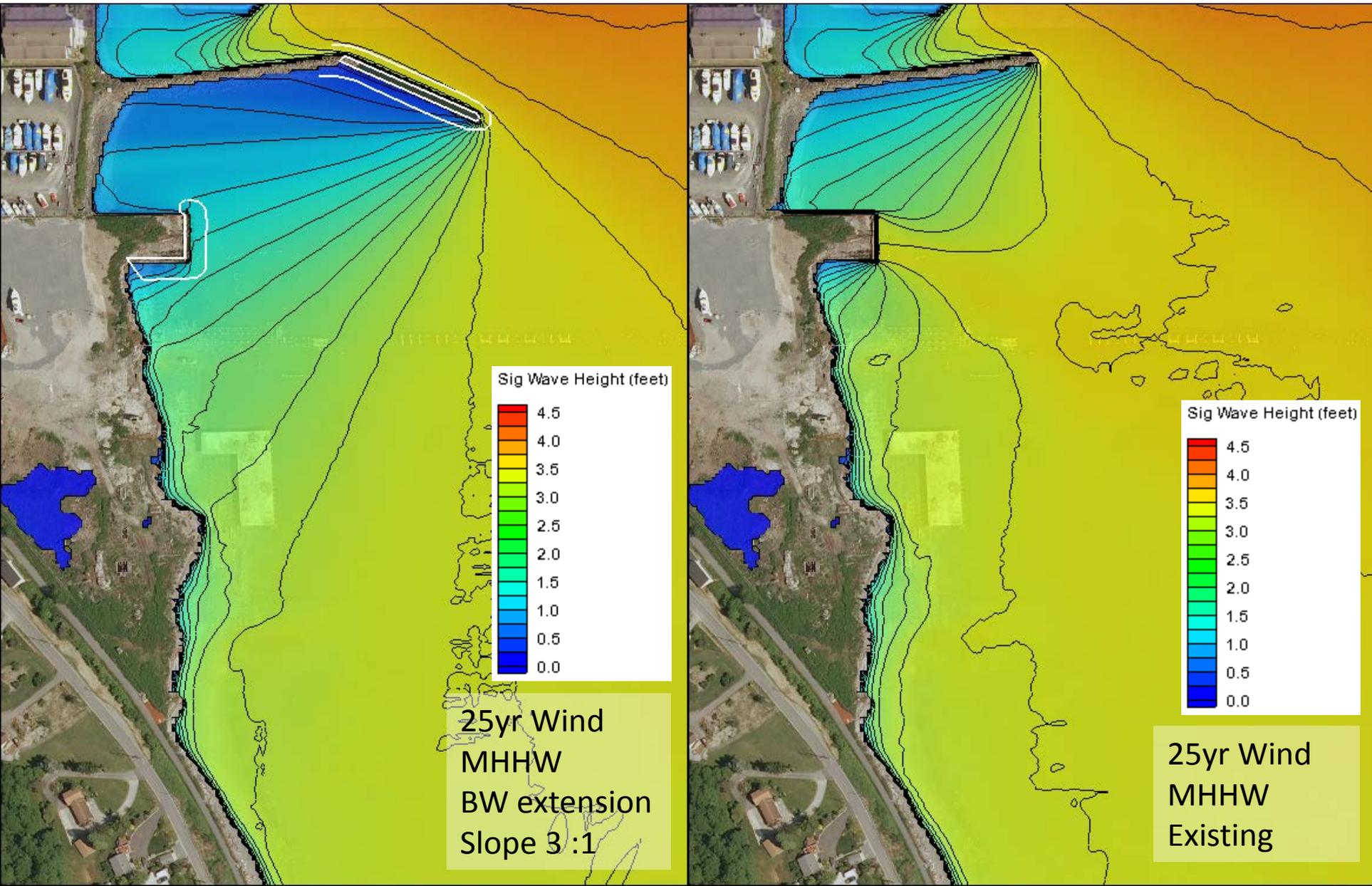
# Compare Existing & Design

## EXISTING

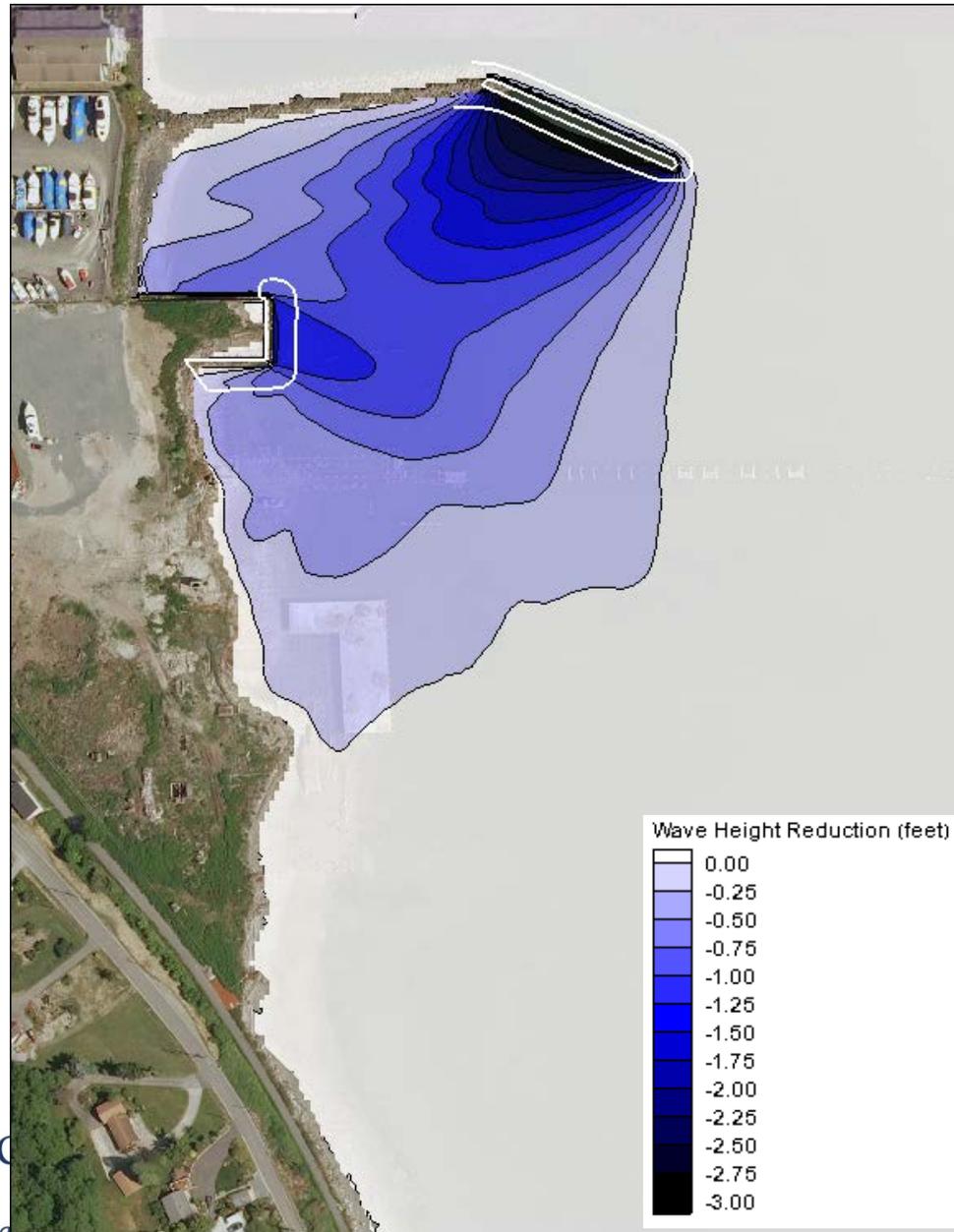
## WITH JETTY EXTENSION



- Wave Modeling Results, NE Waves, MHHW.



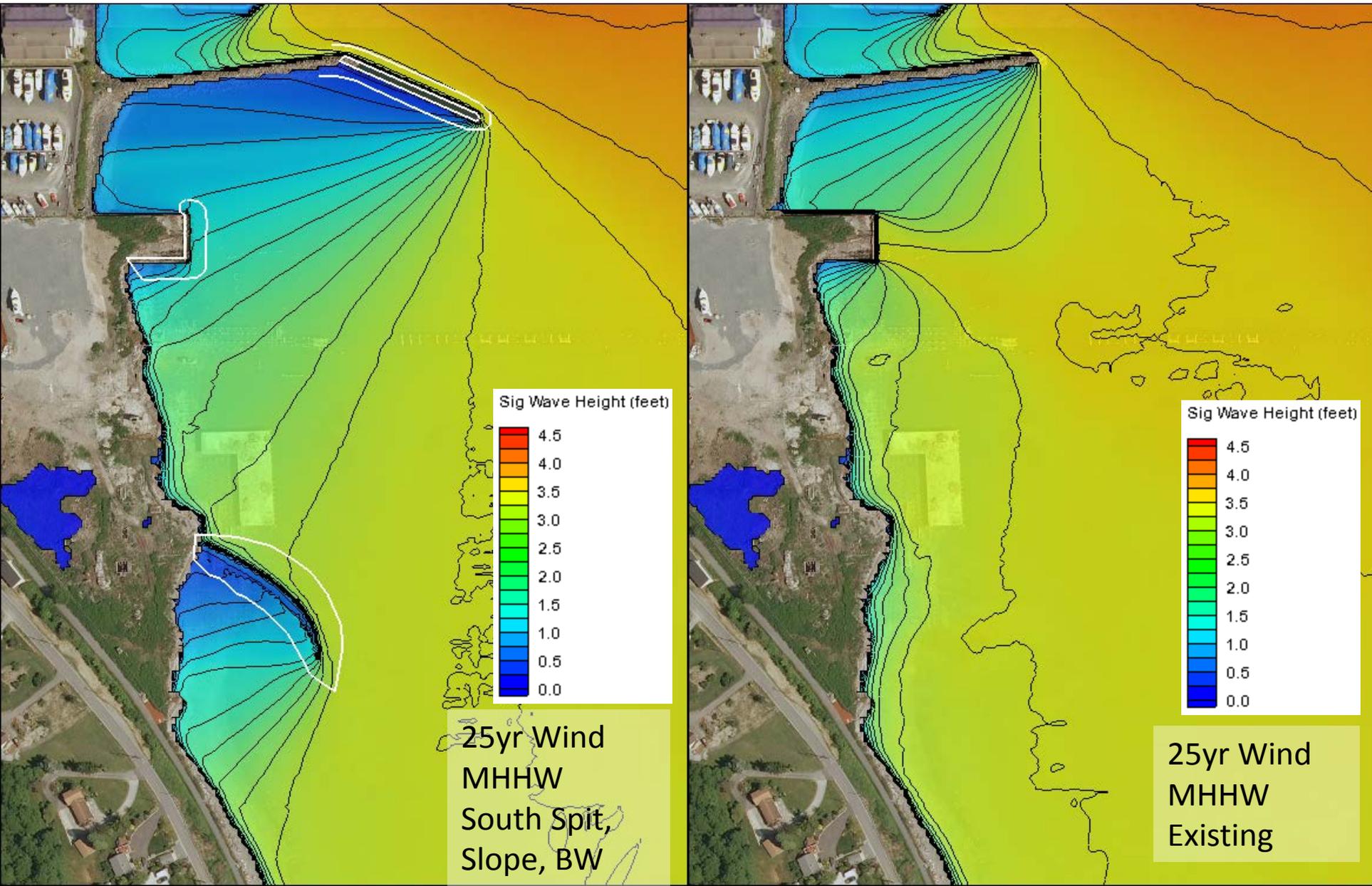
# Wave Modeling Results, Wave Heights Differences

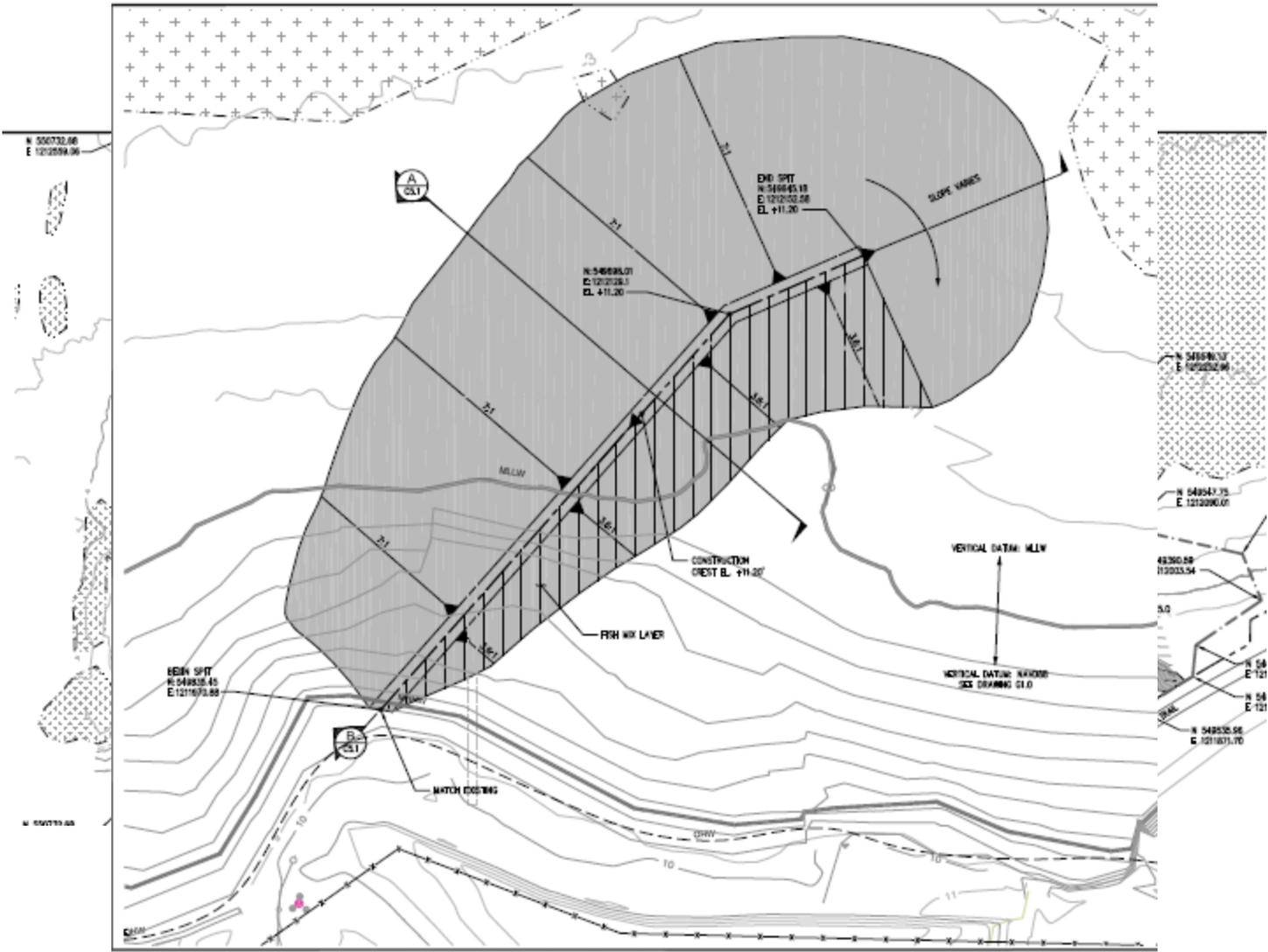


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- **Wave Modeling Results, NE Waves, MHHW.**

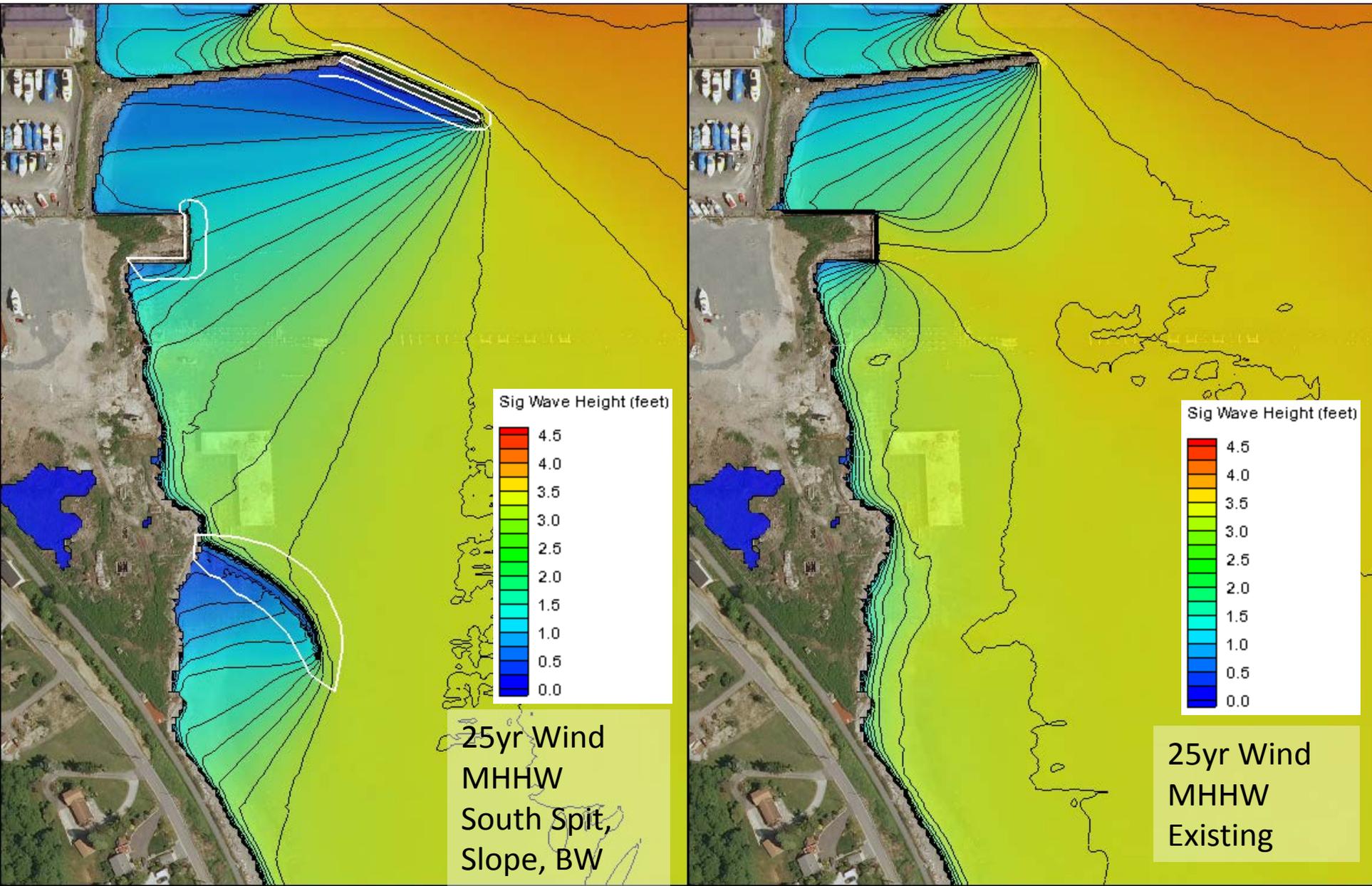




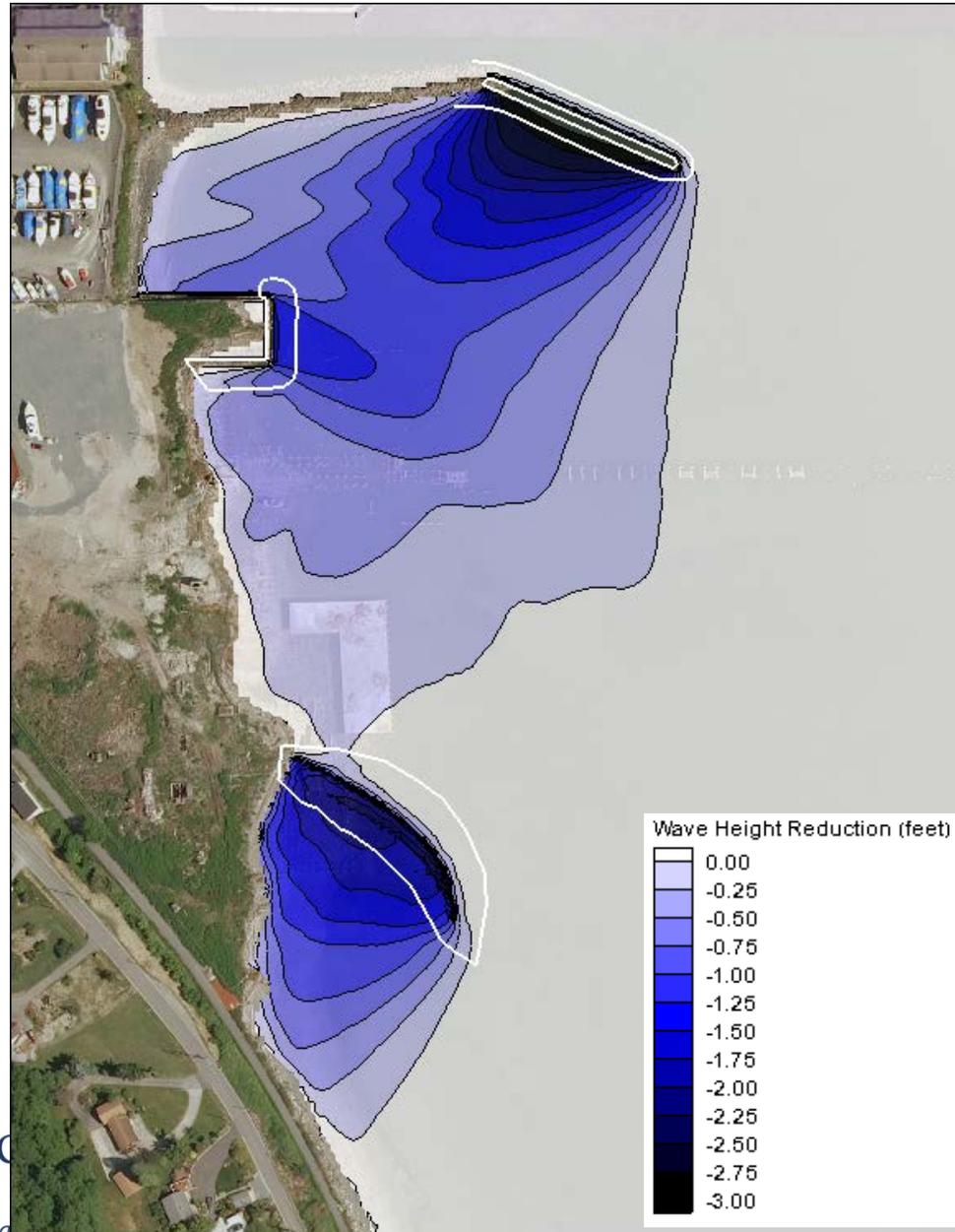
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- **Wave Modeling Results, NE Waves, MHHW.**



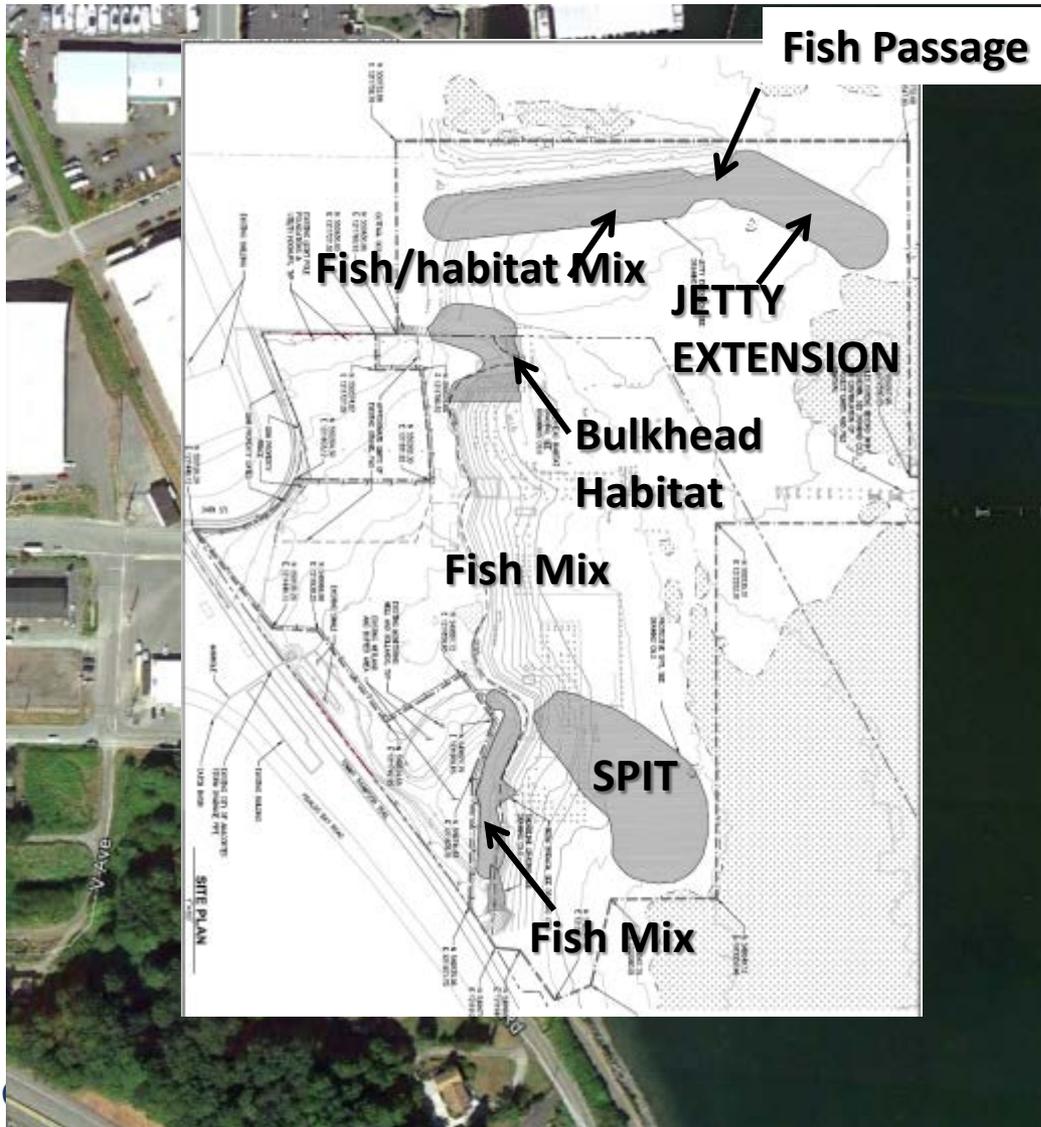
# Wave Modeling Results, Wave Heights Differences



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# Project Components



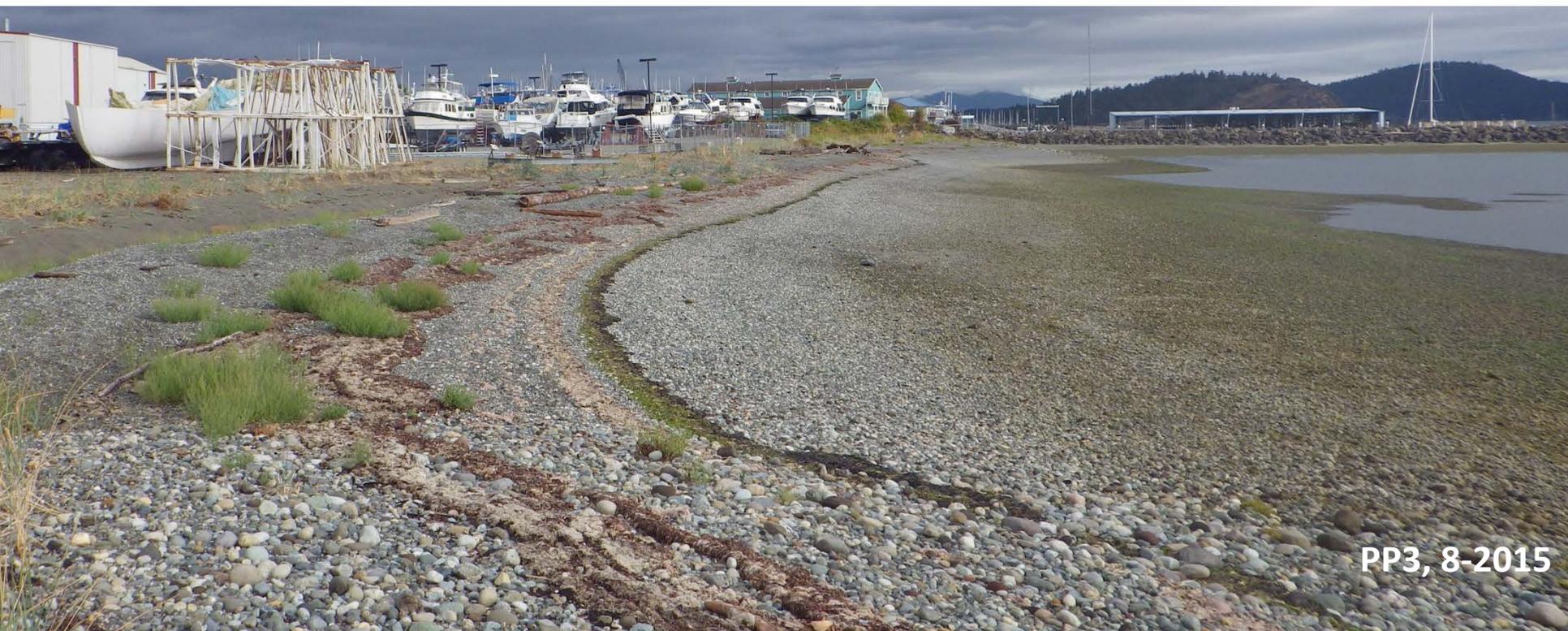








PP3, 9-2014



PP3, 8-2015



PP2, 9-2014



PP2, 8-2015



PP4, 9-2014



PP4, 8-2015



PP6, 8-2015



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PP6, 8-2015

**Before**



**After**



Before



After



Before



After



Before



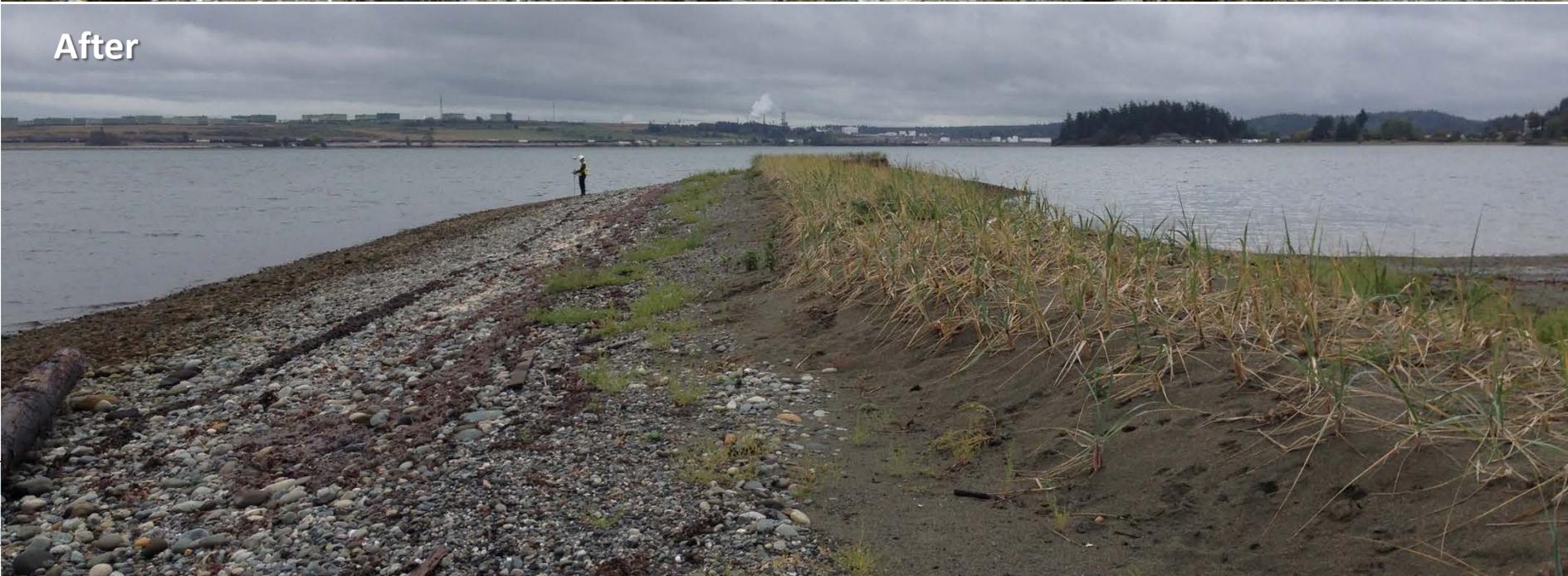
After



**Before**



**After**



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