

**DNR's Mission: In partnership with citizens and governments, the Washington State Department of Natural Resources provides innovative leadership and expertise to ensure environmental protection, public safety, perpetual funding for schools and communities, and a rich quality of life.**



# Update on Land Management Activities Benefiting the Reserve

Dennis Clark and Joelene Boyd  
Orca-Straits District  
June 21, 2017



# Phillips66 Lease Compliance



DNR staff on wharf

June 13, 2017



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# Phillips66 Lease Compliance



View of causeway from wharf

June 13, 2017





# Phillips66 Lease Compliance



Inspecting causeway surface to be repaired

June 13, 2017

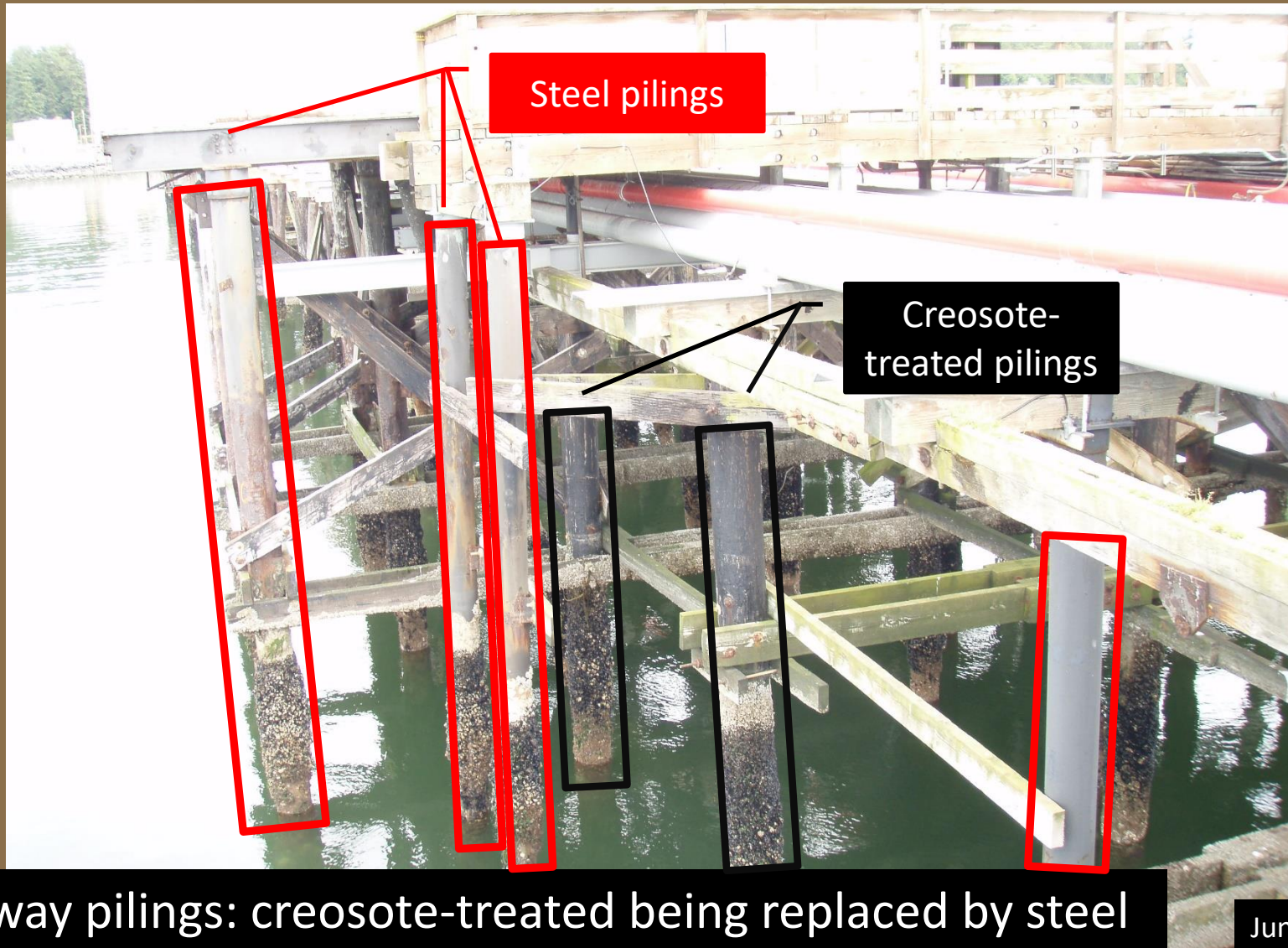


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# Phillips66 Lease Compliance



Steel pilings

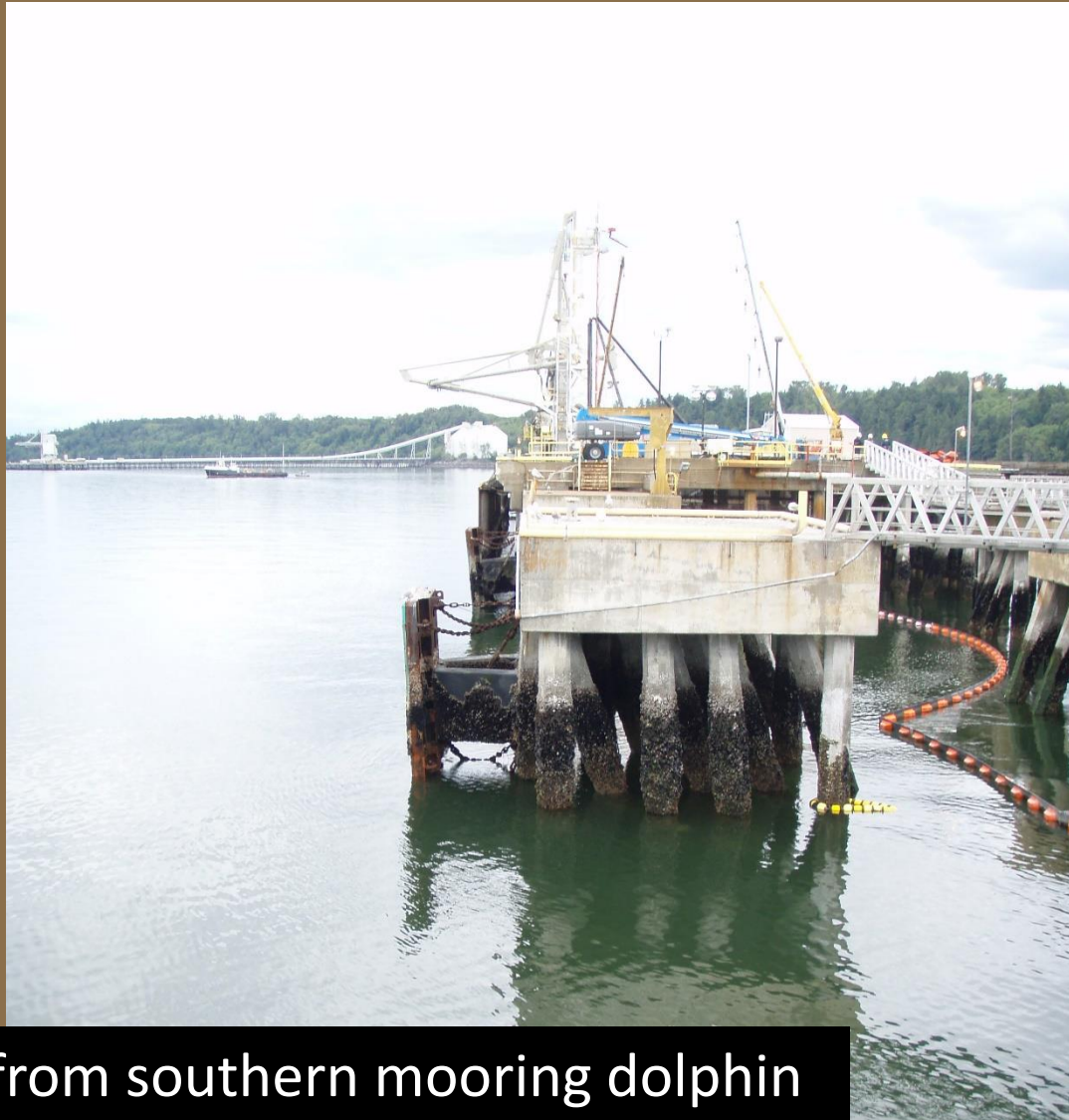
Creosote-treated pilings

Causeway pilings: creosote-treated being replaced by steel

June 13, 2017



# Phillips66 Lease Compliance



View of wharf from southern mooring dolphin

June 13, 2017



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View of wharf and causeway from southern mooring dolphin

June 13, 2017



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View of wharf under marine loading arms

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View of wharf at barge loading valves

June 13, 2017







Outfall location on causeway

June 13, 2017



# Phillips66 Lease Compliance



Bubbles sign of outfall discharge

June 13, 2017

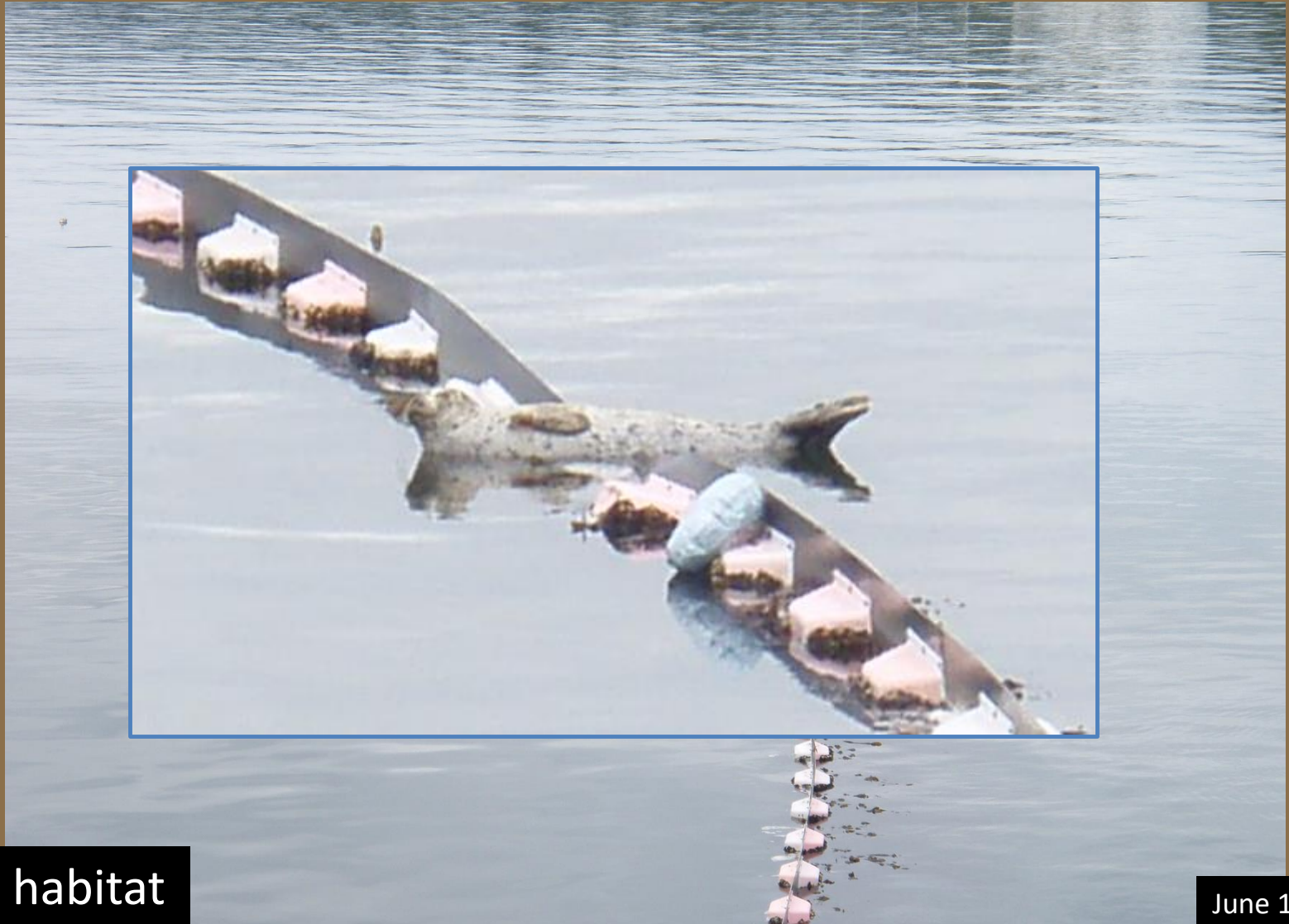


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# Phillips66 Lease Compliance



Wildlife habitat

June 13, 2017



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# Other Lease Management Since November 2016

- 1) BP Refinery compliance (June 13)
- 2) Birch Bay Water & Sewer District:  
reviewed outfall diffuser video and  
water re-use analysis (January–March)
- 3) Petrogas piling replacement/other  
repair plans review and approval  
(February–March, June)





# Birch Bay Buoy Removal



April 28, 2017





# Birch Bay Buoy Removal





# Birch Bay Buoy Removal



DNR staff recording anchor/buoy location

April 28, 2017





# Birch Bay Buoy Removal



Trying to find the anchor . . .

April 28, 2017



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# Removal Steps

- 1) Letter sent to all waterfront property owners: early May
- 2) Buoys “tagged”: May 30
- 3) Removal: July 24



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