

Implementing a Best Achievable Protection (BAP) Review Process in Washington State

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Best Achievable Protection

What is BAP?

BAP is achieved through requiring best achievable technology, staffing levels, training procedures, and operational methods in oil spill contingency plans.



Best Achievable Protection Review Cycle WAC 173-182-621

Requires review of the regulations at five year intervals to ensure the maintenance of best achievable protection to respond to a worst case spill.

The five-year review cycle ensures that the planning standards are updated to include proven new response technologies and response processes.



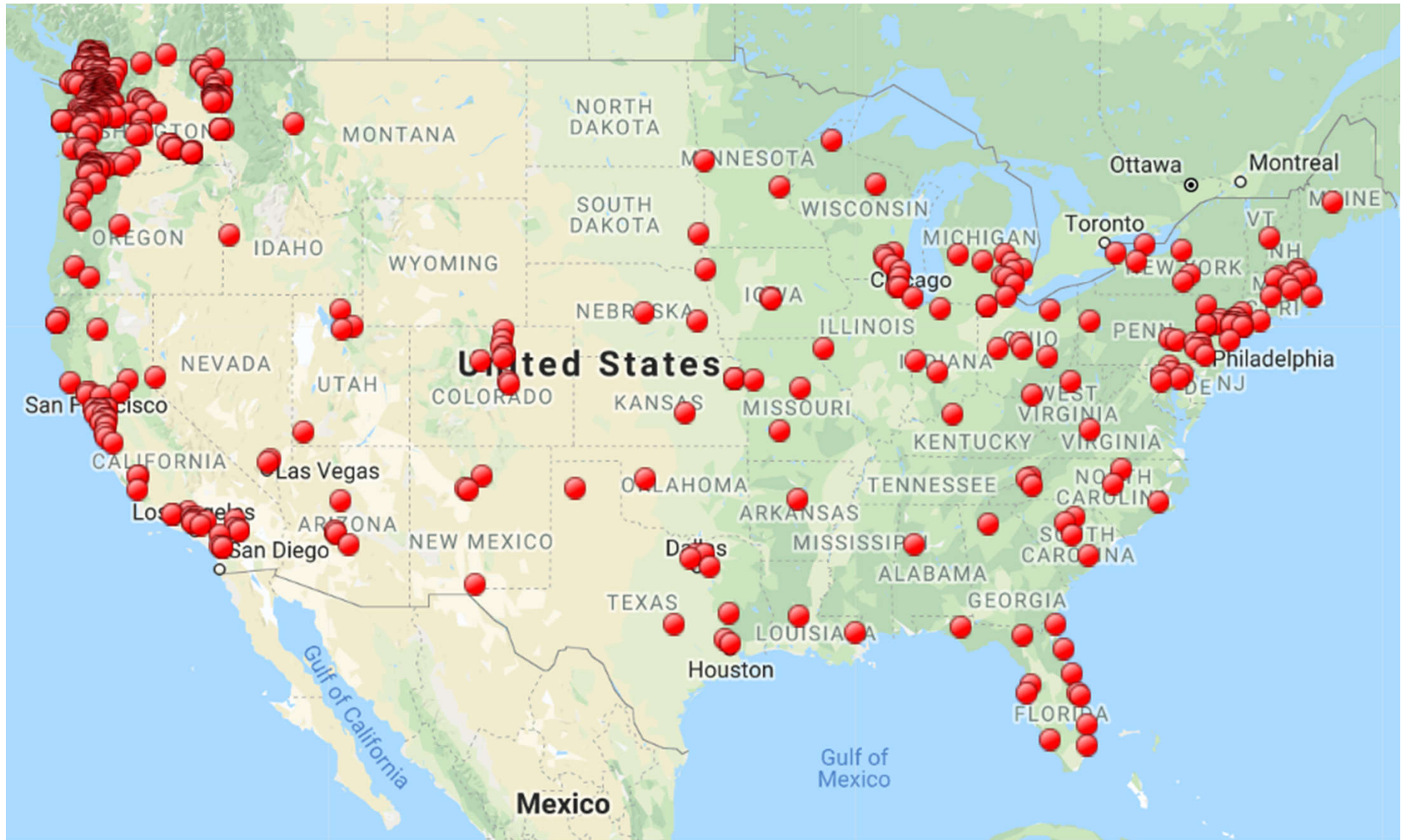
We use the BAP 5-year review cycle to:

Ensure a coordinated and collaborative approach

Help remove technical or regulatory barriers to the implementation of new technologies.

Ensure transparency.





R & D

Rules

&

Drills



Identified Areas of BAP/BAT focus

- Submerged oil equipment and response tactics.
- Aerial surveillance, remote sensing, and other detection technologies for oil spills.
- Common operational picture and situational awareness tools.
- Alternatives to the concept of Effective Daily Recovery Capacity (EDRC).
- Response system effectiveness.
- How much is enough?



BAP Processes

The following processes to inform and update BAP in the planning standards:

- Convening an advisory committee(s)
- Sponsoring a technology conference
- Conducting or reviewing studies, including analyses appropriate to the consideration of new technologies, plan evaluation methods including EDRC, or best operational practices





WASHINGTON
BEST ACHIEVABLE
PROTECTION
TECHNOLOGY CONFERENCE

May 20-21, 2015
Henry M. Jackson Federal Building, Seattle



Challenges

- Phased in implementation of rule updates
- Legislative pressures occur annually
- How to regulate technology adoption?



BAT Equipment

NOFI Current Buster



DESMI Speed Sweep



Rulemaking

- Update GRPs for risks of non-floating oil spills
- Certify Spill Management Teams
- Apply the concept of BAP to all plan holders, and require ANOTHER LARGE DRILL



Reported spills

Oil trains

GRPs

Restoration sites

Equipment

Tug call outs

Facilities



Pipeline locations

Oil transfers

share

Statewide response plans

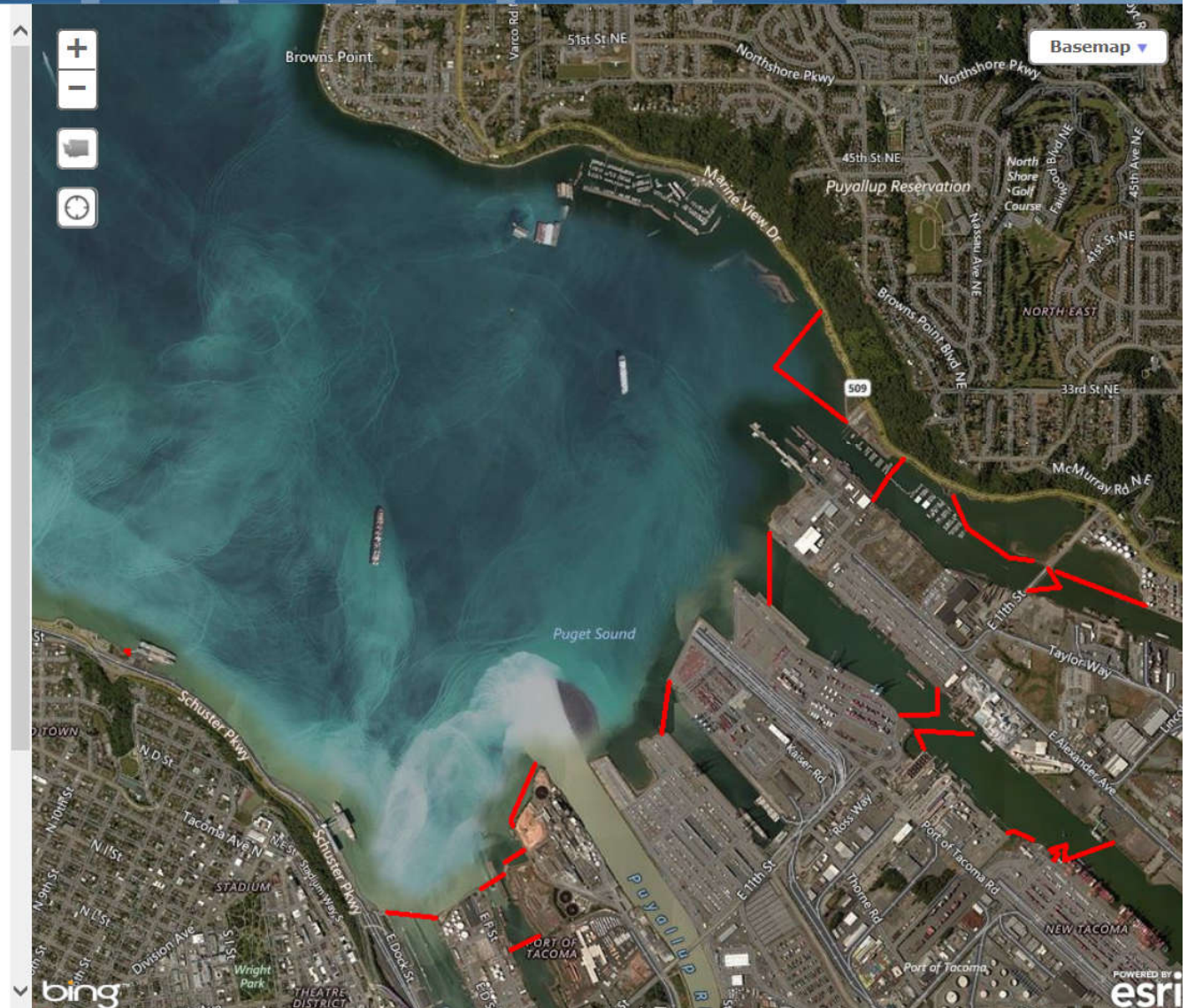
Geographic response plans have been created to guide the response and protection of valuable areas in case of a spill.

- Response strategy show
- ◆ Collection strategy
- └─┘ Boom location hide
-  Boat launch show
-  Staging area show
- N Notification strategy show
- GRP sectors show

[Download data >](#)



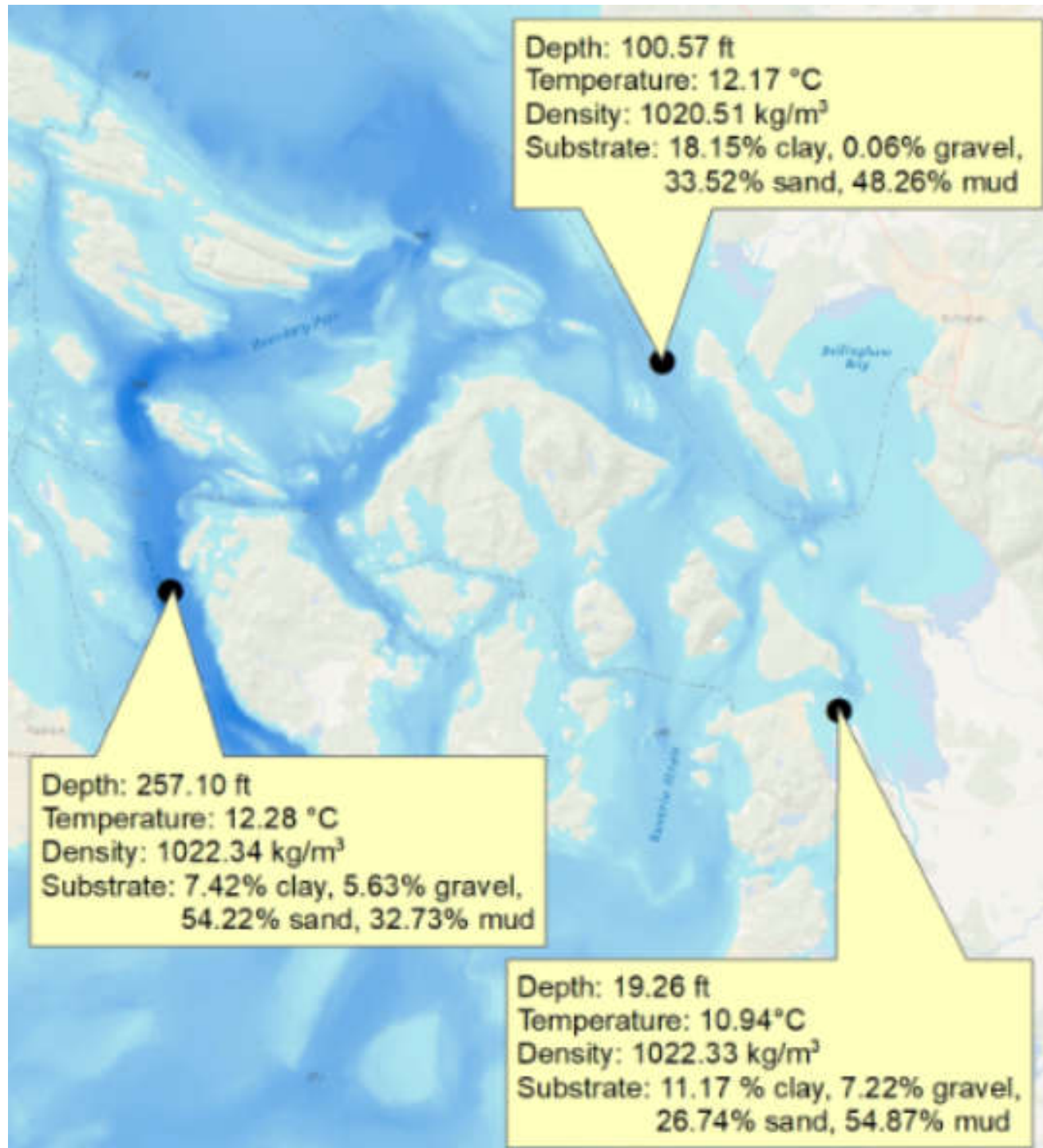
What is a geographic response plan?

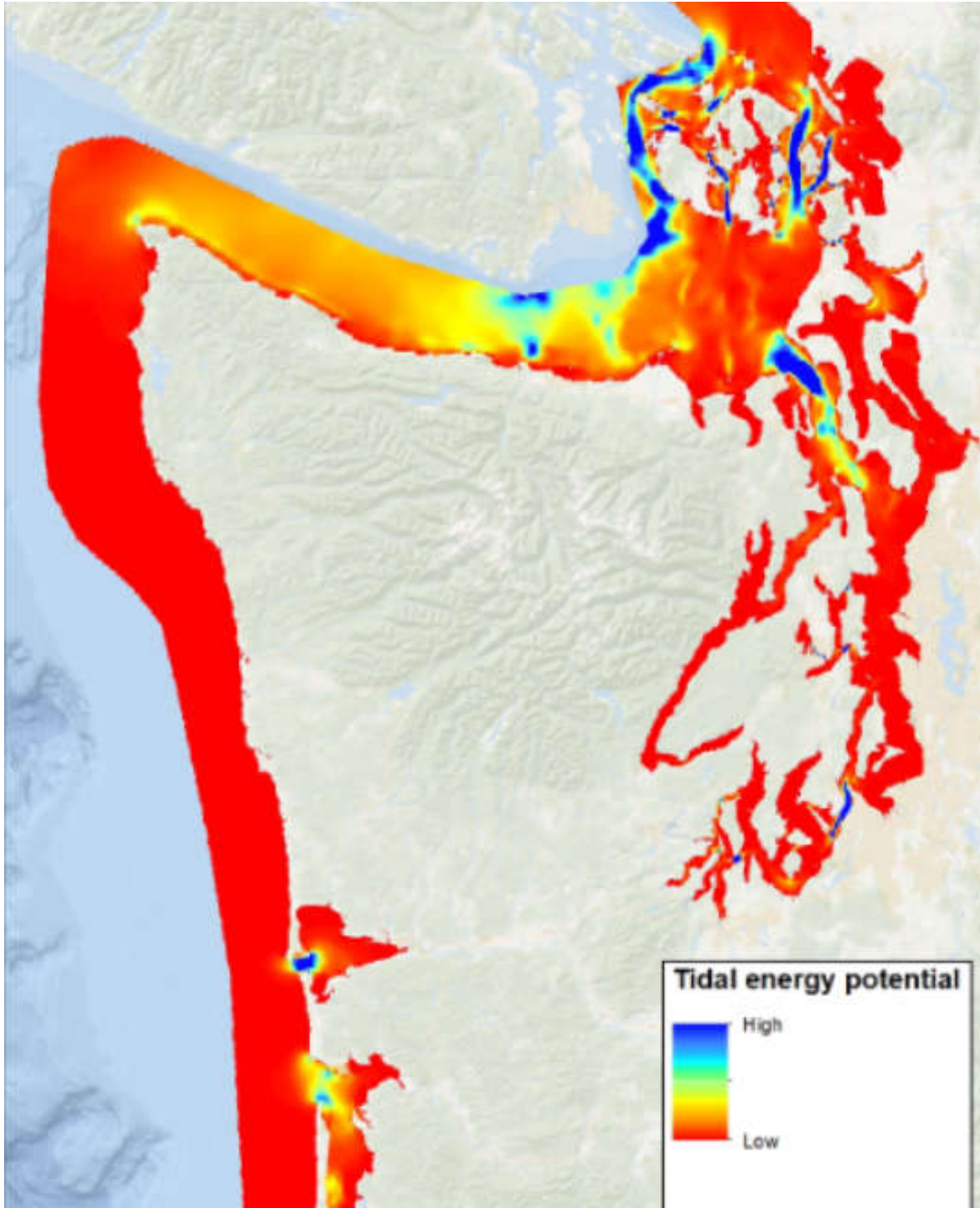


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Identify the potential for oil to Sink

Heavy
Submerged Group 5
Group V Density Asphalt
Conventional Sunken
Non-conventional Bitumen
Diluted API Oil Sands Dilbit





Thank you

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