



Projects near water – On the shoreline

Preventing the Introduction of Aquatic Invasive Species

As a project proponent and worker on sites in or near water, **it is your responsibility to implement measures to limit the spread of aquatic invasive species (AIS)**. Derived from the *Fisheries Act*, the *Aquatic Invasive Species Regulations* prohibit the introduction and spread of an invasive species into a body of water where it does not occur naturally.

WHY?

All equipment and vehicles that come in contact with water during work can transport invasive species when they are moved from one site to another. It is essential to properly **CLEAN, DRAIN, DRY** them before moving them.

WARNING!

The more complex the vehicle or equipment, the more rigorous the inspection must be.

CLEAN

Clean all equipment with hot water and remove any visible debris.



DRAIN

Drain any residual water on dry land.



DRY

Completely **dry** all your equipment that came in contact with water before moving it to another water body.

Indicators to maximize AIS destruction

| Treatment | Temperature | Pressure | Surface cleaning time |
|--------------------------|-----------------|-------------|--------------------------|
| Hot water steam cleaning | Steam > 60 °C | 2,600 psi | 10 seconds |
| Hot water spray cleaning | 60 °C | No pressure | 1 minute |
| | | 2,600 psi | 10 seconds |
| Air drying | Ambient > 20 °C | - | 7 days (humidity < 65%) |
| | Ambient < 20 °C | | 15 days (humidity < 65%) |



Clean with hot water when possible, this helps destroy invasive species.

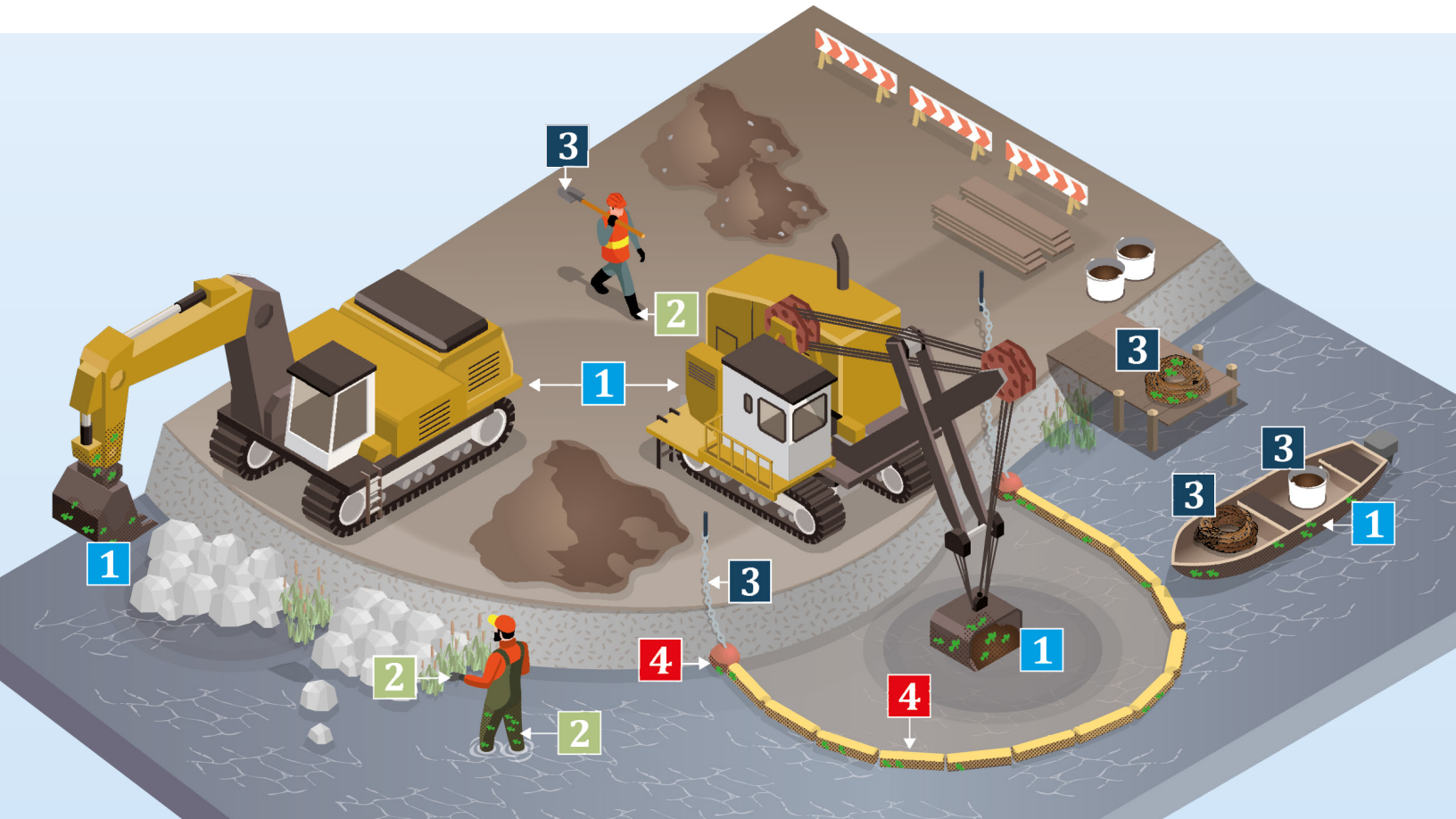


If cleaning is not possible, it is essential to remove any visible debris (mud, plants, animals, etc.) and completely dry equipment before working in another water body.

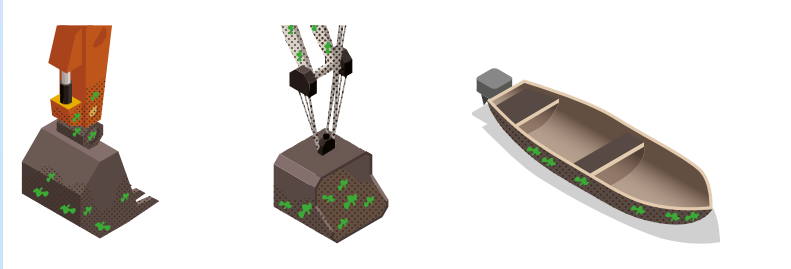


Keep a minimum distance of 30 m between the cleaning site and the water body, to prevent runoff water from flowing into it.

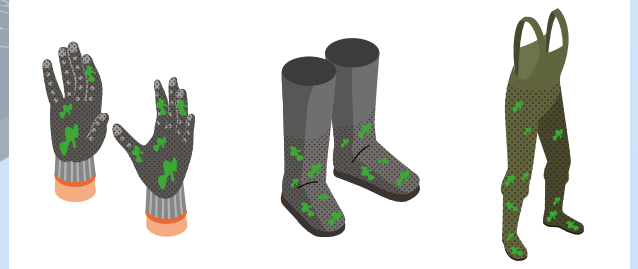
Clean your equipment



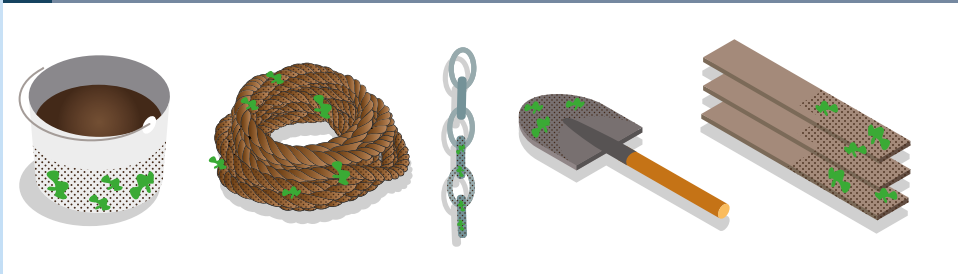
1 Heavy machinery and boats



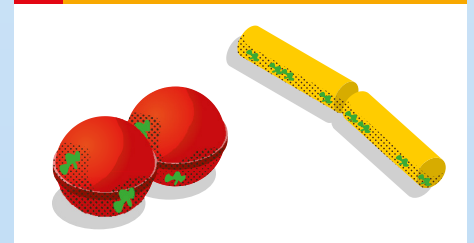
2 Work gear



3 Field equipment



4 Booms and turbidity curtains



For **more information** on aquatic invasive species and the measures to prevent their spread, consult: qc.dfo-mpo.gc.ca/en/aquatic-invasive-species

