

Best Management Practices (BMPs)

The Good, The Bad & the Ugly
Cindy Callahan

Tarping, Tarping Tarping

- Why tarp?
 - Traps pollutants (i.e. copper particles)
 - Clean daily
 - Low cost BMP
- It is not optional!
 - Required for all upland vessel repair
 - Prevents pollutants release into the environment

Painting – Tarping is required



Tarps Must be Cleaned Daily



This is what is expected



Vacuum Sanders & Grinders



Garbage Cans



Chemical Management i.e. Batteries

****Cover and Containment****



Chemical Management

- Cover and Containment
 - Under cover –
 - Stormwater cannot enter
 - Containment
 - Bermed impervious surface
- Chemical Liquids Storage
 - 10% of the total tank volume
 - 110% of the largest container volume

Chemical Management

Containers should be...

- In good condition
- Non-leaking
- Compatible with waste
- Closed
- Accessible
- Inspected weekly



Correct Chemical Management



Catch Basins



Catch Basins

- What must be done
 - Weekly visual inspection
 - Cleaned on a routine basis
- Filter fabric inserts – sediment traps
 - treatment

Working Over the Water



Working Over the Water

- Requires BMPs
 - Tarping
 - Spill kits
 - Secondary containment
 - Bermed and Impervious

Working Over the Water



Working in/over the water Boat houses



Working in/over the water Boat houses



Shops



Pressure Wash



Pressure Wash

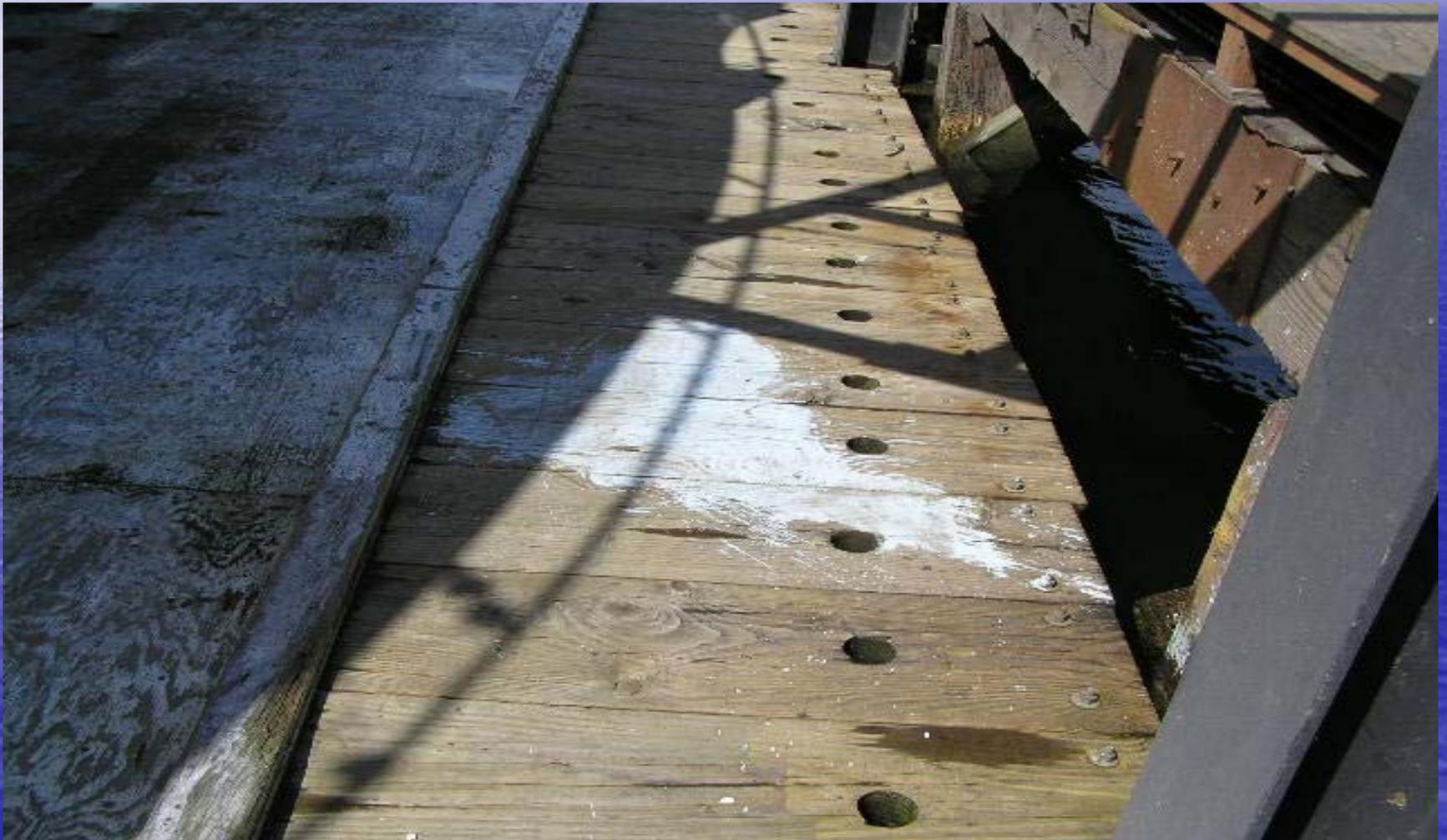
- Clean collection sump routinely
 - Debris and solids
- Bermed and graded
- Employee/ Renter training

Pressure Wash Pads

What's wrong with this pad?



Marine Railways/ Dry docks



Marine Railways/ Dry Docks

- Implement BMPs
 - Tarping
 - Daily Clean up
 - Secondary containment for all chemicals i.e. paints
 - Spill kits

What is wrong with this picture?



What's wrong with this picture?



Reporting spills in Western WA

24 hours a day/7 days a week

- WA State Emergency Mgmt Division
(800) 258-5990
- Ecology - Northwest Regional Office
(425) 649-7000
- Ecology - Southwest Regional Office
(360) 407-6300