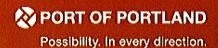
In Search of the 100th Monkey— EMS at 10 Years

Marla Harrison
Environmental Manager
Port of Portland
September 22, 2009









Where are we now?

EMS nearly a decade old

Fence line aligns with our property line—starting to partner with long term tenants to implement EMS to minimize liability

Time for a tune-up

- · Policies being revisited
- · Programs changing:
 - Now 5: Air, Waste, Energy, Water, Nature
- · Staff changing
- · Processes being revisited
- · Training delivery changing
- Implementation changing













100th Monkey







Why EMS?



Localized impacts and linkages to region



Integration of environmental programs into budget cycles, projects, and culture



Need for increasing staff involvement in environmental compliance



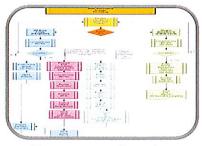
Reducing liability and cost of compliance



Better document and communicate environmental performance



Provide clearer environmental focus



Ensure ever changing compliance requirements are known, incorporated, and maintained



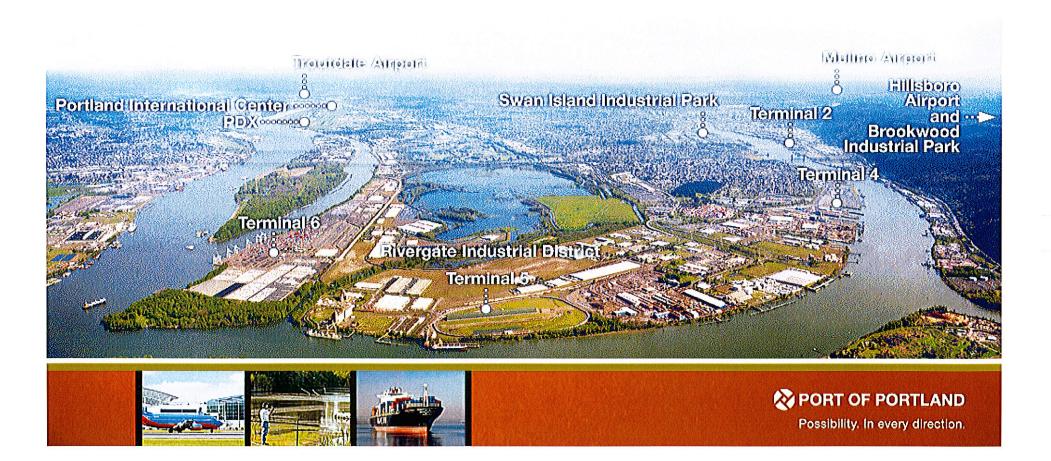
Historical Liabilities





Port of Portland Facilities

Four airports, four marine terminals and six business parks



Aspects and Impacts











Did the dream come true?

Localized impacts and linkages to region

Integration of environmental programs into budget cycles

Need for increasing staff involvement in environmental compliance

Better document and communicate environmental performance

Provide disense environimental focus

Reducing liability and cost of compliance

Ensure ever-changing compliance requirements are known, implemented, and monitored

Integration of environmental programs into projects and culture

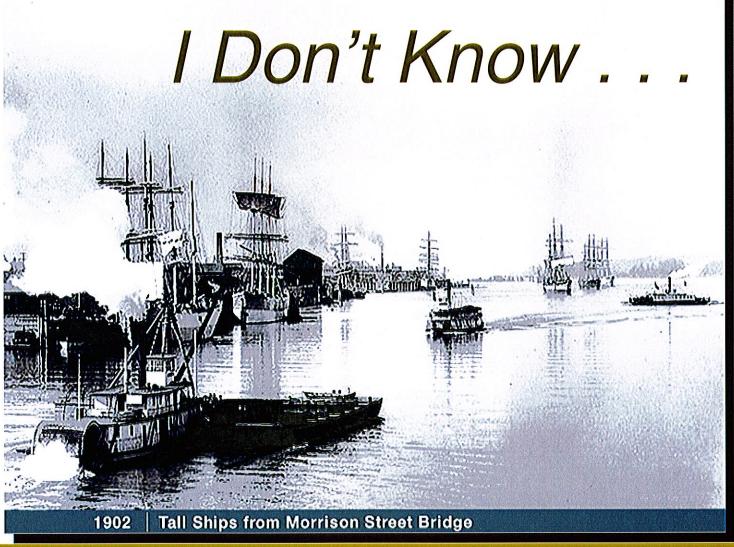








Has Compliance Improved?











What worked? What didn't?

Top-down structure

Strong leader(s)

Strengths/ Weaknesses

Objectives & Targets Process









Lesson Learned

There is no "Right" way

- What works today, may cause problem tomorrow, and vice versa
- The organization, and the people will dictate the process

The process is iterative

- It cannot only be top-down or bottoms-up—it must be both
- Expect that it won't magically happen as planned with the first attempt

People are difficult

- Use the standard to put a system in place to let people get out of their own way
- Try to find a way to not make it so tragically serious
- Be prepared to tell people 6 different time and 6 different ways

givier a tringymin.

- Individuals
- learn
- Organizations require systems and structure







Questions?



Marla Harrison 503-240-2033 971-409-9759 (cell) Marla.harrison@portofportland.com







