

PORT'S ROLE AS AN ENVIRONMENTAL LEADER

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Sarah Garza, Director of Environmental Planning & Compliance



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Historical Role

- Compliance only
- Combined with other responsibilities and not a primary responsibility
- Often combined in another department such as engineering or real estate/planning
- Not typically pro-active, reactive
- Controversial

Changes In Role

- Voluntary Programs began to gain leverage
- Significant industry events led to public pressure to focus more on environmental
- Communities contesting permit applications and public outreach becoming critical element in project approval
- Regulations becoming more stringent
- West Coast regulations set the bar high

ISO 14001 & AAPA EMS Program

- In 2004 AAPA announced its assistance program for Port's to develop an EMS program modeled after ISO 14001
- Game changer for environmental stewardship
- Plan-Do-Check-Act Framework that allowed Port's to systematically improve
- Pro-active, efficient, prioritization of key issues



Environmental Hot Topics

- Shore Power
- Ozone - air quality attainment/non-attainment areas
- Clean Fleets - electrification / alternative fuels
- Jurisdictional wetlands / mitigation
- Green Power
- Sediment reuse – beneficial reuse
- Endangered species protection
- Water supply
- Ballast water management and other IMO regulations
- Climate change / adaptation / resiliency

Environmental at PCCA

- Environmental under Engineering
- 2007 incident during construction led to Environmental review of construction documents 3 days before advertising
- Over time began to understand need for more involvement sooner in the process
- Community pressures / NOV's at Bulk Terminal led to more proactive environmental measures
- 2015 Environmental Planning & Compliance Department formed
- Directive to get ahead of regulations and not to let regulations drive our environmental program



Adoption & Revised Environmental Policy

2004 – 4C's

- Compliance
- Commit to pollution prevention
- Continual improvement
- Communicate our performance

2016 – 5 Precepts



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- Tenant audit program
- EMS Requirement and scorecard for stevedores
- Design checklists for sustainable development
- GIS Planning and compliance tracking tools
- Environmental recordkeeping software
- Strategic action plan
- Property cleanups
- Clean equipment program / technology advancement program
- Truck stop electrification
- Regional water supply leadership – desalination plant



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The Port is Open for Business

Four Pillars of Success the Port seeks in companies it desires to do business with:

- ✓ Job Creation & Economic Growth
- ✓ Environmental Stewardship & Sustainability
- ✓ Educational & Workforce Development
- ✓ Safety & Corporate Social Responsibility

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Thank You!



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