Environmental Regulatory Tool



Linda Longo U.S. Environmental Protection Agency Region 2 (NY, NJ, PR, VI)

Free Tool www.portcompliance.org

- Developed in partnership between the National Center for Manufacturing Sciences and the U.S. EPA Region 2
- Port Compliance Assistance Focus Group

Home Page



-Latest News & Updates Latest news items related to port sustainability

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-Port Operations

Table showing operations and links to applicable regulations

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Federal and State regulations typical to a port facility

-Good Practices Best management practices and green innovations for port sector

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Welcome to Port Compliance.org!

Environmental Compliance for Port Tenants and Authorities



ORT MRLIANCE.org

> This web site was put together as part of a port industry focus group effort (read the "About"). This tool emphases environmental, land-based, regulatory issues facing port tenants and authorities. Included are common port operations cross referenced with regulatory requirements; audit program incentive opportunities; enforcement case studies and updates; inspector checklists. To demonstrate the beyond compliance arena we've included guidance on environmental management systems, diesel retrofit and other good practices and community outreach initiatives. We hope the material within encourages you to network with other ports and authorities who have environmental programs in place. To do so simply click on "Ports & Associations" and/or look for resources produced by ports within the various categories.

<u>Contact Information</u>: For port sector compliance assistance, contact Linda Longo, EPA, Region 2, 212-637-3565, or the EPA Region 2 Compliance Assistance Hotline at 212-637-4050 or Bill Chenevert, The Border Center, 734-995-7989, <u>wchenevert@ncms.org</u>



To get more information about Environmental Border Compliance, please visit The BORDERCENTER.ORG

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To get more information about Environmental Border

Compliance, please visit The BORDERCENTER.ORG

BORDER

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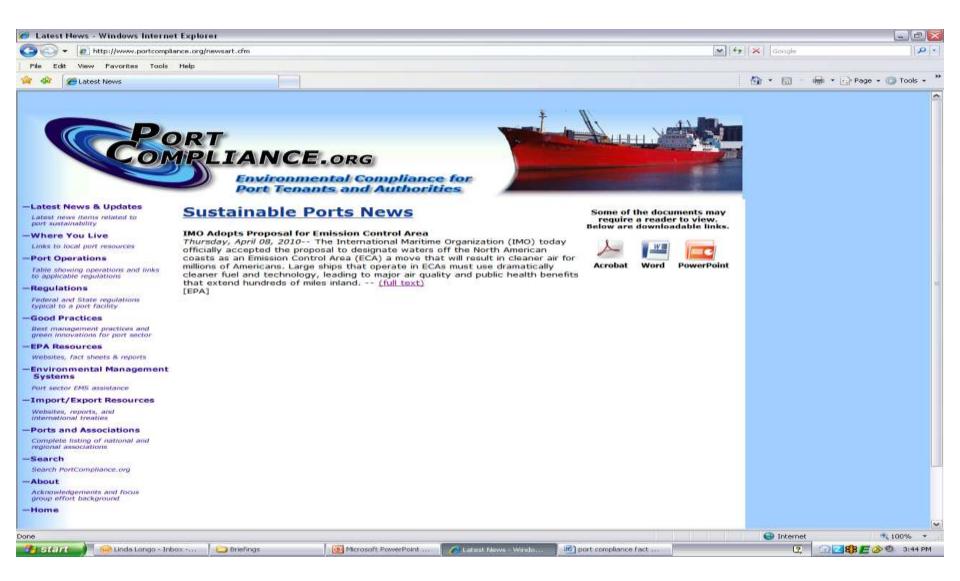
Search PortCompliance.org

-Import/Export Resources

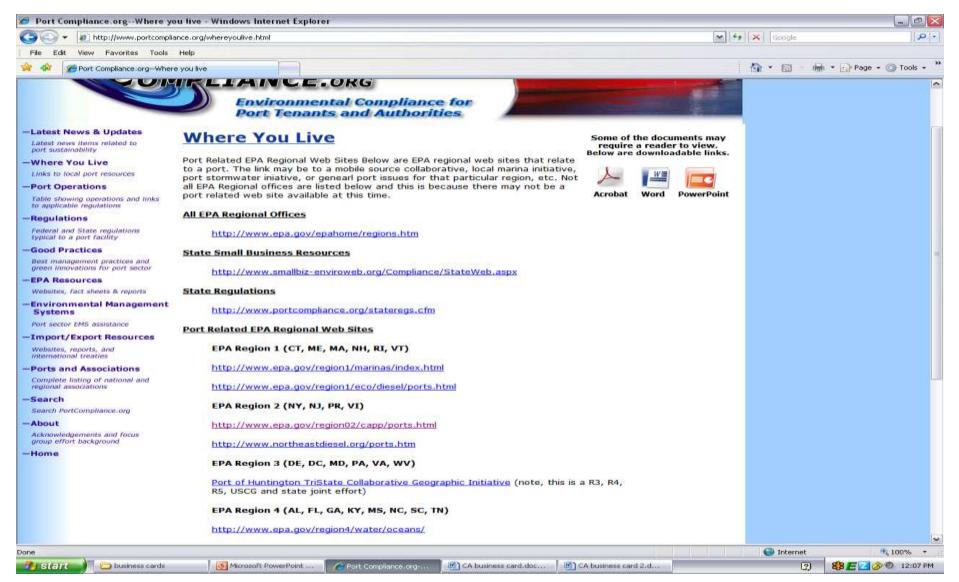
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Latest News & Updates



Where You Live



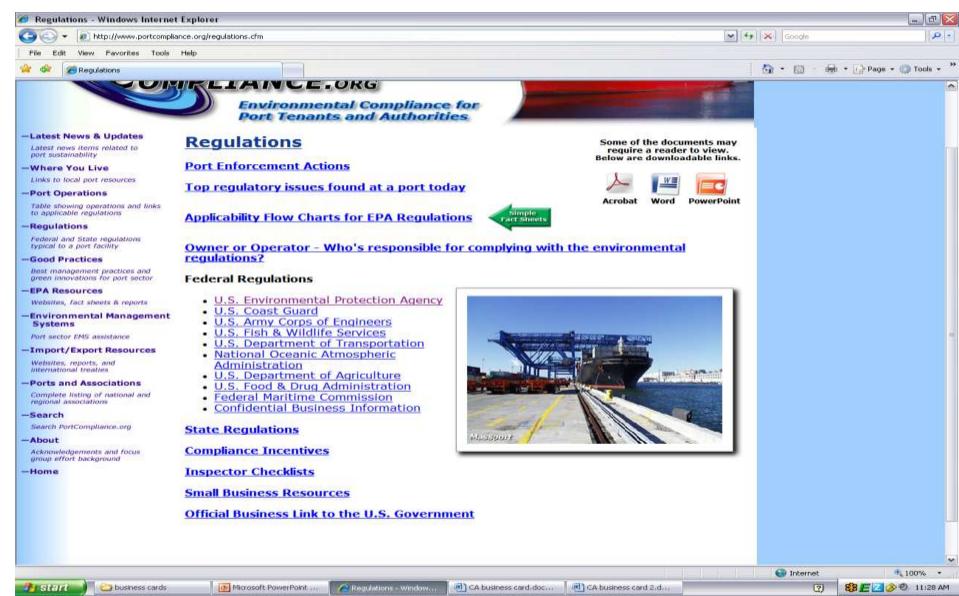
Port Operations



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	Common Port O	perations	Federal Regula	tory Consideration	IS				٦
	Air Conditioning Maintenance	е	Environmental Protection A	gency (EPA)					=
	 Repair, maintenance o or industrial process re Repair, maintenance o Repair, maintenance v 	efrigeration office units	• CAA - CFC (refrigera	tion)					
	Auto Port		Environmental Protection A	gency (EPA)					
	 New and used cars arr rolled off ("ro-ro") of v Maintenance, leaky oil roof installation, paint services, fueling. Vehicles are stored at company transport off port. Typical co-located use boat engine repair, paint 	vessels. I, car washing, sun ing, machine shop : port and trucking f site and around es could include	CWA - Industrial Store CAA - Paint stripping RCRA CZMA (non-point source) Other U.S. Department of Import/exporting issues	and coating urce pollution) Transportation					
	fueling, and sewage d		<u>CCAR-Greenlink: Con</u> If co-located uses, regulat vary.	opliance Assistance Cent					
	Auto Salvage		Environmental Protection A	gency (EPA)					
	 Stock piles of used au Auto salvage facility Recycling of auto part Management of fuels, spent liquids 	s	<u>CWA</u> - Industrial Store <u>RCRA</u> <u>Tanks & Spills (UST,</u> <u>CZMA (non-point source</u>)	AST, SPCC)					
			Other						
			ECAR Center: Compli	ance Assistance Center					
	Ballast Water Management		Environmental Protection A	gency (EPA)					
	 Ships take in water fo before voyage. Once its destination this wa 	the ship arrives at	<u>CWA - Vessel Genera</u> <u>RCRA</u> <u>Tanks & Spills (AST,</u>						~
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	Construction Activities	Environmental Protection Agency (EPA)				<u>~</u>
	 Demolition, repair, construction of structures, warehouse, pipelines, piers, public space, roadways, rail spurs, infrastructure required by new tenants, barges, utilities, etc. 	 <u>CWA</u> - Construction Storm Water <u>CAA</u> - <u>Good Practices:</u> mobile sources/diesel retrofit <u>Dredging</u> <u>Dredging - Good Practices:</u> Dredged Material Beneficial Use (see dredged material beneficial use) <u>CAA</u> (asbestos, lead, CFC, boilers) <u>CZMA (non-point source pollution)</u> 	:			
		Other • <u>CICA Center: Construction Compliance Assistance</u> <u>Center</u>				≣
	 Container Terminal Crane operation Trucking, drayage trucks, yard hustlers Rail car operations Vessel discharge containers and backload containers Truck delivery containers and pickup containers Project cargo that is larger than normal cargo and requires special cranes (e.g. a cooling tower for a power plant) Maintenance of cranes and trucks Vessel wastes - bilage Hour of operation can affect surrounding neighborhoods with noise and air pollution. 	 Environmental Protection Agency (EPA) <u>CWA</u> - Industrial Storm Water <u>CAA</u> - Good Practices: mobile source/diesel retrofit (stationary source depending on state regulations) <u>RCRA</u> (used oil and other maintenance chemicals, bilge wastes) <u>Tanks & Spills (bilge wastes, SPCC)</u> <u>CZMA (non-point source pollution)</u> Other <u>U.S. Coast Guard</u> (bilge wastes, ballast water) <u>U.S. Fish & Wildlife Services</u> (ballast water; oil spill preparation & response) <u>Federal Maritime Commission</u> 				
	 Cruise Ship There are "port of call" ships are destined for another port and there are "home port" ships that begin and end at your port. Landside transportation, tour busses, taxi service Take on drinking water Discharge sewage Fueling 	 Environmental Protection Agency (EPA) <u>CWA</u> - Industrial Storm Water <u>CWA Effluent Limitations</u> <u>CWA</u> - Vessel General Permit <u>CAA</u> (ocean going vessels, dry cleaning, ship emissions while docked) <u>RCRA</u> (waste coming off the ship when docked), photo processing, etc. <u>CZMA (non-point source pollution)</u> 				
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Regulations



EPA Regulations

- Clean Water Act (CWA)
 - Vessel General Permit
 - Industrial & construction stormwater
 - Individual discharge permits
 - Pretreatment
 - Wetlands

EPA Regulations

- Clean Air Act (CAA)
 - EPA Rule for Ocean Going Vessel Emissions
 - Paint stripping and coatings
 - Fuels; Gasoline dispensing
 - Vehicles & Equipment
 - Plain English Guide
 - Clean Air Technology Center
 - Asbestos; CFC; Lead; Boilers
 - Etc. . .

EPA Regulations

- Resource Conservation & Recovery Act (RCRA)
 - Import/Export hazardous wastes
 - Bilge & Ballast Water
 - Cathode Ray Tubes
 - Used oil; Recycling; Solid wastes
 - Generator Status (SQG, LQG, CESQG)
 - Universal Wastes
 - Etc. . .

EPA Regulations Tanks & Spills

- Underground Storage Tanks (UST) is under RCRA
- Aboveground Storage Tanks (AST) and Spill Prevention Control Countermeasure Plan (SPCC) is under CWA
- Reporting spills
- Guidance, etc. . .

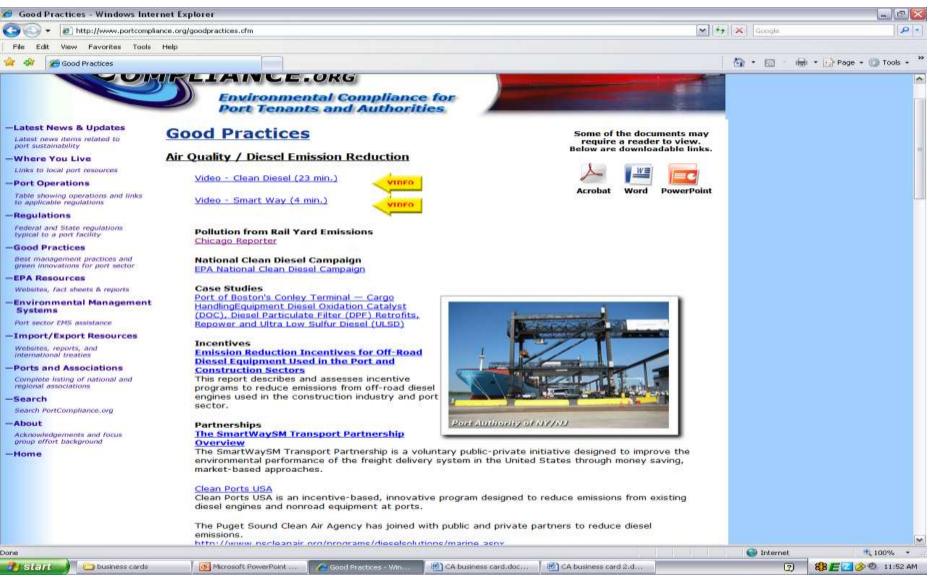
More EPA Regulations

- CERCLA (Brownfields, Superfund)
- Dredging (EPA, FWS, COE, NOAA, USGS, DOT)
- EPCRA (Emergency planning, TRI)
- FIFRA (pesticides)
- Marine Protection Research & Sanctuaries Act (disposal of vessels)
- Pollution Prevention Act
- Safe Drinking Water Act
- TSCA
- CZMA

Other Federal Regulations "Related to ports . . ."

- Fish & Wildlife Service
- National Oceanic Atmospheric Administration
- US Army Corps of Engineers
- US Coast Guard
- Dept. of Transportation
- Dept. of Agriculture "Related to a port, the U.S. Dept of Agriculture regulates import/export, inspections of food products, labeling guidelines."
- Food & Drug Administration
- Federal Maritime Commission

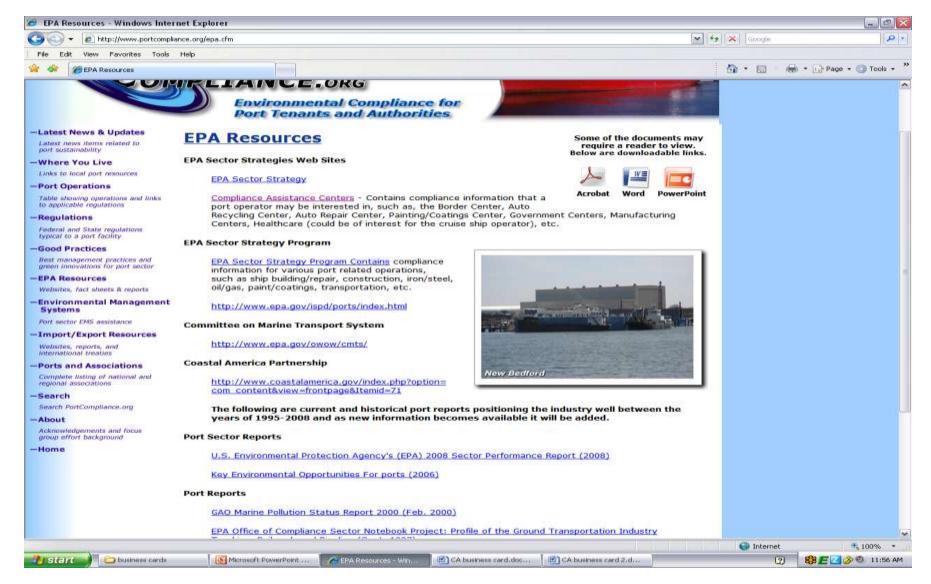
Good Practices



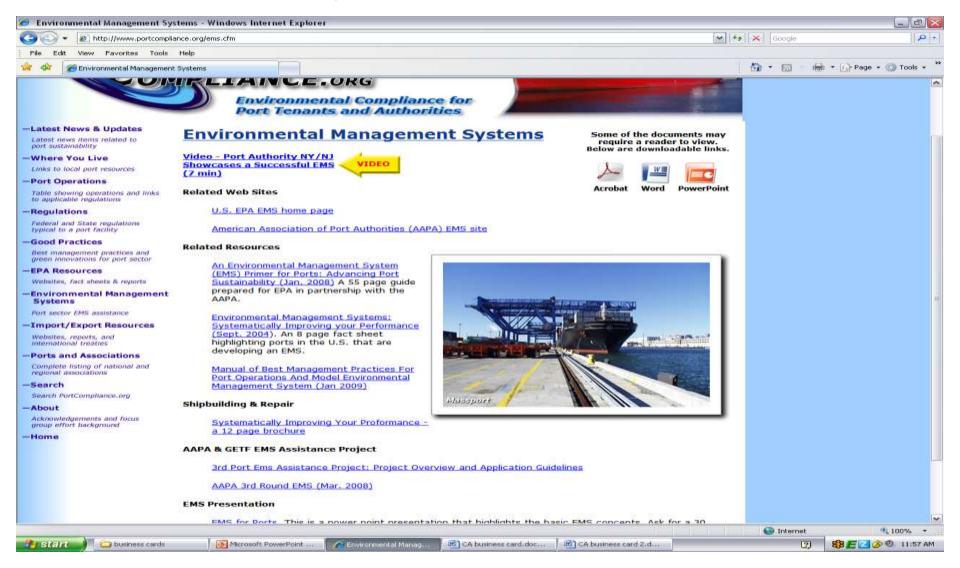
Good Practices

- Air quality diesel emissions reductions
 - Partnerships, incentives, case studies, etc.
- Climate Change
- Community Relations
- Dredged Material Benefitial Use
- Energy Conservation
- Greening Ports
- Local Government Sustainability
- Marinas
- Pollution Prevention
- Solid Waste
- Tennessee Valley Authority (Clean Marina Guidebook)

EPA Resources



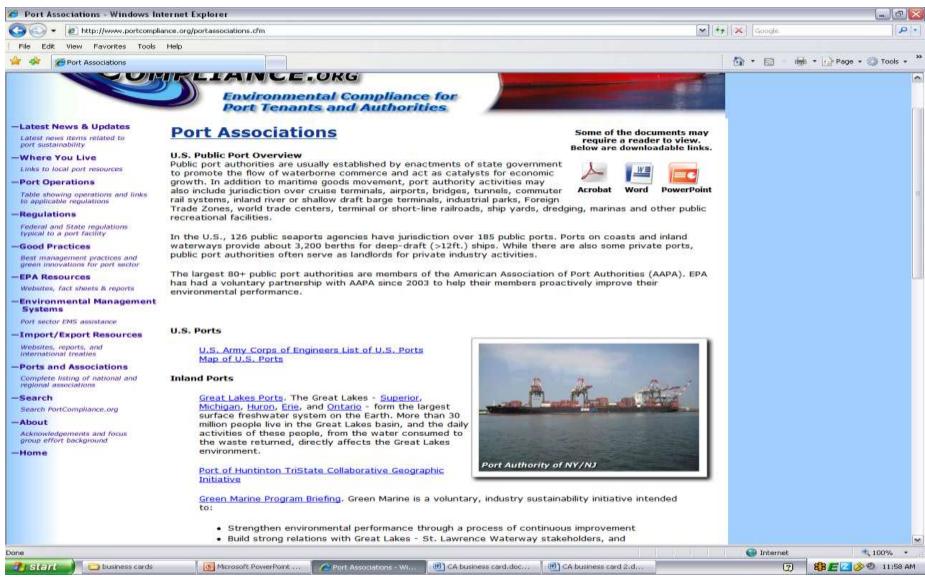
Environmental Management Systems (EMS)



Import Export Resources



Ports & Associations



Ports and Associations

- US ports
- Inland ports
- Port highlights
- Photo gallery
- Port Associations
 - AAPA
 - Regional Port Associations
 - Great Lakes & St. Lawarence Waterway
 - River Ports
 - Other (American Waterways Operators, etc)

Areas for Improvements

- Non-EPA environmental regulations
 - USCG; ACE; FWS; Dept of Ag; Food & Drug, etc.
- Can you find what you are looking for?
 - Is web site layout sufficient?
 - Search mechanism sufficient?
- FIFRA pesticide import/export regulations
- Your case studies, web sites, etc.



U.S. EPA Region 2

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Environmental Tools

- <u>www.portcompliance.org</u> EPA and other federal and state environmental regulations, resources for the port sector
- www.epa.gov/region02/sustainability/greenc ommunities
 Sustainability tools
- <u>www.assistancecenters.net</u> tools for the service sectors, manufacturing, government and state sectors
- <u>www.epa.gov/region02/capp</u> EPA Region 2 compliance assistance resources, including audit policy and enforcement programs