

Section 1: Environmental Leadership (EL)

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL1 The facility has a written environmental policy that has been publicly communicated.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL2 The facility promotes best environmental practices to its tenants and users.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL3 The facility has implemented an external system for verifying the environmental compliance of port operations.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL4 The facility has implemented a voluntary system that encourages tenants / users to establish environmental objectives
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL5 All new leases and contracts executed by the facility contain environmental clauses. A. General appearance factors (trash/debris collection), transportation right-of-way improvement/maintenance (access roads, railroad trackage), and potential community impacts (odors, emissions, noise, light, dust) should also be addressed in any lease or contract
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL6 Amending or reviewing a current lease agreement provides the facility an opportunity to require or encourage the lessee to adopt or implement strategies and technologies for better protection of the environment (e.g., reducing diesel air emissions, controlling stormwater runoff)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL7 The facility has implemented an environmental management system
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL8 The facility publishes an annual report providing details of its environmental performance
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL9 The facility uses a variable fee schedule based on the environmental participation of users
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL10 1% or more of the facility's net revenues are used to finance environmental or social projects linked to the facility's environmental footprint.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL11 The facility has completed a project within the last 3 years that provides public access to shorelines
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL12 The facility has completed a project within the last 3 years that restores natural habitats (must not be linked to a mandatory compensation measure)

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EL13 The facility has introduced new technologies designed to reduce the environmental footprint of port activities A. Provide shore power for ships B. Install renewable energy systems at the facility C. Convert at least 50% of its fleet of vehicles to more environmentally friendly technologies (bio-fuels, hybrids, etc.)

Section 2: Stormwater Control (SC)

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC1 Review the port's or its municipality's EPA/state stormwater pollution prevention plan and NPDES permit requirements, especially pertaining to erosion and sediment control, and implement the applicable structural and non-structural BMPs
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC2 Practice Low-Impact Development
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC3 Minimize the Amount of Impervious Surfaces
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC4 Divert stormwater around the bulk material piles with channels or impermeable perimeter berms or by raising the storage area above the surrounding terrain
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC5 Install a run-off detention basin with a retention time sufficient to allow settling of pollutants so discharge will be below effluent limits
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC6 Install screens in drainage channels to filter suspended solids and attached heavy metals. Periodically clean the screens and properly dispose of the sediment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC7 Locate storage piles at a distance from the shore of the waterway to avoid the potential of run-off contamination
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC8 Maintain the working face on the shore side of the pile, to continually increase the distance that stormwater run-off must migrate to reach the water
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC9 Construct impermeable storage pads or store materials only on impervious surfaces. Compacted clay is preferred over either concrete or asphalt as it is less likely to crack, which allows groundwater infiltration
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC10 Inspect storage areas after rainfall or snowmelt to observe run-off pathways and implement preventive measures

Section 2: Stormwater Control (SC) Cont.

Yes	No	N/A		Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC11 Control Sediment from Construction Sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM7 Plainly label all stored and containerized material. For hazardous waste, mark the date accumulation begins and the words 'Hazardous Waste' on containers.
			A. Design construction and landscape projects to conform to site conditions such as soils, ground cover, terrain, depth to water table, distance to waterway, stormwater drainage area and pathways	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM8 Store containers on pallets in a protected, secure location away from drains and sources of ignition.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B. Cover disturbed soil with natural ground cover, mulch, river stone or manmade material that will not require chemical or mechanical management	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM9 Routinely inspect storage areas for leaks.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C. Employ simple and inexpensive erosion control BMPs during construction, such as straw mulch, straw bales, silt fence, erosion control blanket, riprap and sediment traps	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM10 Routinely check the date of materials to prevent them from outlasting their shelf life.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	D. Provide suitable storage for "clean" dirt/gravel piles (preferably covered and bermed) to prevent migration with stormwater to the waterway increasing sediment loading	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM11 Call your local fire official to schedule a "basic fire inspection." The inspection will determine whether you are meeting the state fire code, including hazardous material storage requirements.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	E. Install permanent, post-construction BMPs, if suitable, such as a detention or retention pond, swale or constructed wetland, infiltration basin, filter strips, permanent native grass seeding	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM12 Collect hazardous waste only in tanks or containers
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SC12 Stencil Storm Drains	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM13 Surround hazardous waste tanks with impervious, secondary containment that is capable of holding 110 percent of the volume of each tank.

Section 3: Waste Management (WM)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM1 Evaluate all wastes generated at the facility to determine if they would be classified as hazardous wastes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM14 Separate hazardous chemicals by hazardous class.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM2 Conduct a waste minimization study to identify sources of current waste streams and alternatives to disposal. Include a perimeter (and beyond) survey of trash to identify its origins	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM15 Prevent hazardous wastes from being thrown in the trash, dumpster, waste pile or onto the ground.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM3 Publish a "Used Materials Exchange" for distribution to tenants and lessees advertising used materials that potentially could be re-used at another facility	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM16 Do not discharge hazardous wastes from maintenance activities into surface waters
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM4 Place marked trash containers at locations convenient to visitors, truck operators and	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM17 Ensure that hazardous wastes are not dumped into sinks, drains or toilets.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM5 Cover and berm trash collection areas and containers (e.g., roll-offs, barrels) to avoid dispersion by wind and stormwater;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM18 Conduct visual inspections of the business to ensure there are no spills, leaks or discharges of hazardous waste.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM6 Ensure proper management of ship waste, if deposited on port property;	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM19 Send all hazardous wastes off-site to a permitted hazardous waste disposal facility or to a recycling facility.
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM20 Store solvents or hazardous materials in fire-safe containers that are UL listed or Factory Mutual approved. Containers must meet U.S. Department of Transportation standards for protecting against the risks to life and property inherent in the transportation of hazardous materials.

Section 3: Waste Management (WM) Cont.

Yes	No	N/A		Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM21 Assign control over hazardous supplies to a limited number of people who have been trained to handle hazardous materials and understand the 'first-in first-out' policy.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP5 Store enough booms to encircle the largest vessel in your facility. Vessel length x 3 = required length of boom
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM22 Keep containers of waste solvents, rags, and paints closed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP6 Provide initial and follow-up training to employees responsible for facility operations and for emergency spill response
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM23 Use only one type of cleaning solvent to simplify disposal.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP7 Regularly inspect fixed and mobile tanks, transfer equipment and piping for drip marks, tank discoloration, puddles of leaked liquid, puddles of water with a sheen (indicating petroleum product), corrosion, localized dead vegetation and stains on the ground, leaks/seepage from valves and seals, deformities (e.g., bulges, cracks, bends) in pipes and tanks
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM24 Use only the minimal amount of solvent needed for a given job.				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM25 For small jobs, pour the needed solvent into a small container in order not to contaminate a large amount of solvent.				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM26 Use soy-based solvents and other similar products with no or low volatility.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP8 Regularly inspect secondary containment structures for cracks, discoloration, corrosion, erosion (of inside walls and outside perimeter), valve leaks, loose mortar, sealer, presence of leaked or spilled material within the containment area, debris within the containment area, and the operational status of drainage valves
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM27 Allow solids to settle out of used strippers and thinners so you can reuse solvents.				
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM28 Adopt alternatives to solvent-based parts washers, such as bioremediating systems that use microbes to digest petroleum.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP9 Periodically conduct integrity testing of above ground storage tanks and leak testing of valves and piping
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	WM29 If using solvents to clean engine parts, do so in a container or parts washer with a lid to prevent evaporation of VOCs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP10 Ensure that secondary containment holds the volume of the largest storage container plus sufficient freeboard for precipitation

Section 4: Spill Prevention

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP1 Develop a Spill Prevention, Control and Countermeasure (SPCC) Plan that contains the following elements: a) Operating procedures to prevent oil spills; b) Control measures installed to prevent a spill from entering navigable waters or adjoining shorelines; c) Countermeasures to contain, cleanup, and mitigate the effects of an oil spill that impacts navigable waters or adjoining shorelines.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP11 Inspect and record inspection results of stormwater released from any drainage system in the bulk tank storage area directly to waterways
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP2 Store materials in an enclosed container or bin that is accessible to all staff, especially those who handle the fueling operations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP12 Regularly inspect and test liquid level sensing devices and audible alarms on each storage tank to ensure proper operation
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP3 Store the equipment where the greatest threat of an oil spill exists: fuel receiving and fuel dispensing areas.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP13 Inspect valves that permit the outward flow of tank or secondary containment contents to ensure that they will remain closed when not operating
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP4 Mark the storage site with a sign reading 'Oil Spill Response Kit.' Include instructions for deploying pads/booms and spill notification	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP14 Inspect starter controls for pumps within secondary containment to ensure that they will remain locked in "off" position when not operating
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP15 Inspect loading/unloading connections of pipelines to ensure that they are securely capped or blank flanged when not in service

Section 4: Spill Prevention (SP) Cont.

Yes	No	N/A		Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP16	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC6
Inspect valves and valve operation, piping, flange joints, expansion joints, valve glands, catch pans, pipeline supports and metal surfaces				Promote sustainable transportation practices by employees.			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP17	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC7
Inspect drains and outlets on tank cars/trucks prior to filling and departure and tighten, adjust or replace as necessary				Promote "short sea shipping" and increase rail and barge transportation of cargo that would normally be transported by truck, to reduce traffic congestion and emissions			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP18	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC8
Ensure that transfers are supervised by facility employees who are thoroughly familiar with normal and emergency operations procedures.				Implement measures to reduce congestion and idling during periods of heavy activity			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP19	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC9
Ensure that buried piping has protective wrapping or coating and is catholically protected or otherwise meets corrosion protection requirements				Expand operating hours to reduce truck queuing, idling and traffic congestion			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP20	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC10
Ensure that the loading/unloading area drains to a catchment basin or other similar containment structure. The capacity of the containment structure must be equivalent to the largest compartment of a tank car or truck loaded/unloaded				Include incentives for emissions reduction in leases and contracts with tenants, contractors and transportation service providers			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP21	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC11
Use physical barriers, warning signs, wheel chocks or vehicle brake interlock systems to prevent tank cars/trucks from departing before complete disconnection of transfer lines				Implement an educational program for tenants to inform them of strategies and options for reducing diesel emissions			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP22	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC12
Use pans or containers to catch drips/spills when making or breaking connections with hoses, nozzles or other transfer equipment				Inform or, when necessary, issue warnings to ships which emit excessive amounts of smoke.			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	SP23	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC13
Install and maintain vapor recovery systems for product transfer to bulk tanks				Change to advanced clean diesel fuel, such as low or ultra low sulfur diesel (LSD) (ULSD), emulsified diesel, bio-diesel, compressed natural gas, liquefied natural gas, liquefied petroleum gas			

Section 5: Emissions Control (EC)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC15
Conduct an emissions inventory to quantify air quality impacts of the current operations and assess potential impacts of port expansion and/or growth in port activities				Rebuild and properly maintain engines			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC16
Completion of an annual report on Greenhouse Gas emissions				Replace an older engine with a newer, cleaner engine, especially one that can use alternative fuels and/or has been manufactured to stricter on-road emission standards			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC17
Does the port or company comply with existing GHG regulatory requirements				Replace older vehicles or machines with one built to stricter emissions standards			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC4	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC18
Adoption of an energy performance plan that has quantifiable objectives				Investigate the feasibility of using hydraulic hybrid vehicles as replacements for diesel engine equipment			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	EC5	Section 6: Aquatic Invasive Species Control (AIS)			
Implement an anti-idling policy and distribute information to tenants and transportation providers about idle reduction technologies							

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AIS1	Launching of a registry of invasive species found on port territory, to be conducted in collaboration with sampling activities			
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Section 6: Aquatic Invasive Species Control (AIS) Cont.

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AIS2 Do all ocean-going vessels have a Ballast Water Control Permit from the State of Michigan?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	AIS3 Is there an educational campaign to raise awareness among recreation boaters and anglers on the spread of aquatic invasive species?

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM12 If not recovered, ensure that cargo residue sweepings are disposed of in a proper way and not swept into surface water
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM13 Wash down or spray the underside and tires of trucks transporting dry bulk materials on to public roads to reduce dust and "track out."
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM14 Implement a preventive maintenance program targeting dry cargo handling equipment.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM15 Regularly inspecting dry bulk storage piles, facilities and handling equipment to ensure proper operation is maintained

Section 7: Bulk Materials Handling (BM)

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM1 Does the company comply with existing regulatory requirements?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM2 Adoption of a Water and Land Pollution Prevention Plan.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM3 Systematically cover dry bulk piles when they are likely to blow away by the wind or to leach out on the ground. Piles are covered with an impervious tarpaulin as soon as possible after unloading and adjusting the cover as material is removed.

Section 8: Bulk Storage (BS)

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS1 Locate outdoor storage areas on impervious surfaces with no storm drains and within berms low enough to permit equipment access but capable of containing spills/releases
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS2 Outdoor storage areas can be constructed with a slightly sloping surface to a deadend sump to collect precipitation. Sump pumps should be manually operated
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS3 Locate long-term storage areas under cover and within a secondary containment structure capable of holding the contents of the largest container plus at least 10 % of its volume
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS4 Erect barriers at the perimeter of storage areas to prevent vehicle collisions, but that will permit access by loading/unloading equipment
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS5 collected precipitation should be closely examined and tested, if necessary, to ensure there is no contamination from the contents of stored drums
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS6 if no contamination is observed or analyzed, collected precipitation can be pumped to the stormwater collection system
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS7 precipitation should be pumped to a drum or other container and managed as a hazardous waste
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS8 for outdoor storage areas for containers of petroleum product, pumping the precipitation through an oil-water separator will then allow the water portion to be discharged to the stormwater collection system [Note: oil-water separators will not remove chemical pollutants from water].

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM4 Maintaining pile size/volume consistent with customer demand, transportation schedules and materials cost to reduce the amount of material exposed to weather conditions;
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM5 Adapt loading and unloading operations in cases of abnormal dust emissions due to wind.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM6 Suspend unloading and handling operations during unfavorable weather conditions (precipitation, wind) that could, otherwise, increase run-off or blowing dust
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM7 Use enclosed conveyors or chutes and telescoping arm loaders or other similar equipment to reduce spillage and dust.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM8 Use dust suppression, baghouse, screw conveyors, vacuum collecting equipment or other similar equipment in the handling of fine, granular or powdery material.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM9 If practical, spraying a light mist for dust control during handling operations.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM10 Prevent water contamination while loading and unloading operations (example: Use canvas between ships and docks when unloading).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BM11 Scheduling regular mechanized sweeping of the bulk storage and access/egress areas to recover cargo residue

Section 8: Bulk Storage (BS) Cont.

Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS9 Segregate chemicals and chemical products by compatibility; store flammables in a separate area and usually, per local codes, at a greater distance from the property line
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS10 Do not dispense product from containers in the storage area - - this should not be necessary or permitted for cargo in transit
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS11 Store drums upright (bungs-up), not horizontally, to prevent leaks from improperly closed or poorly fitted bungs and possible movement (rolling) on the storage area surface or from a horizontal storage rack
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS12 Palletized or un-palletized drums should not be stacked more than two high within a storage area
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS13 Forklifts equipped with drum grapplers should be used to move individual drums; pallets of drums should be moved only when the drums are securely banded together
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS14 Move single drums only with a drum dolly, never roll drums on their side or bottom edge
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS15 Locate "overpak" drums (usually 80 gallons) with spill response equipment into which leaking drums can be placed and their contents contained
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS16 Restrict double-stacking plastic totes to those with a volume of 300 gallons or less
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS17 Forklift drivers need to employ caution in lifting and moving totes and be particularly observant of the location and configuration of the top fill portal and (on some totes) a discharge valve near the bottom
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS18 Frequently inspect equipment used to unload/load containers off/on vessels, trains and trucks
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS19 Employees handling chemical containers should ensure labels, placards and other identification affixed to containers is not removed or defaced
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	BS20 Frequently inspect tote storage areas for leaking valves (if totes are equipped with these).

Yes	No	N/A	
Section 9: Conflicts of Use (CS)			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS1 Does the port or the company comply with existing regulatory requirements?
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS2 Distribute a telephone number to persons residing close to the port in order to permit them to report instances of noise, dust, odor or excessive light
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS3 Once a complaint has been made to the port, the port should move swiftly in dispatching a responsible individual to the site and, to the extent possible, ensuring that corrective measures are taken
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS4 Adoption of a plan for managing conflicts of use, which formally incorporates the best practices. Such a plan is to include a procedure for handling complaints
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS5 Actively participate in neighborhood, community and business organizations to foster better community relations
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS6 Develop rapport with the municipal code (ordinance) enforcement staff to learn about the codes and the level of compliance expected.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS7 Adopt a policy requiring port/tenant employees to report odors they detect to a port manager (odors detected on port/tenant property will be detected on adjacent property)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS8 Investigate the applicability/effectiveness of air pollution control equipment (e.g., "scrubbers") for fixed sources of emissions contributing odors
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS9 Issue a warning that ships' sirens are to be used only to ensure safe movement
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS10 Inform employees of the importance of minimizing sound pollution
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS11 Use quieter warning signals or equipment without compromising safety
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS12 Use equipment to reduce the noise emanating from rail operations at the port
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS13 Impose limits on night time operations, as needed
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS14 Develop a "sound map" of the port which is to be used when planning activities and future expansions

Section 9: Conflicts of Use (CS) Cont.

Yes	No	N/A		Yes	No	N/A			
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS15	Create screens against sound with the help of sound reducing trees or walls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM5	Label all storage containers or tanks with the words used oil.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS16	Adopt measures to hold back dust on roads	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM6	Store used oil in containers or tanks that are in good condition (not rusting, leaking).
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS17	Periodic sampling (at least once in the last two years) of noise and / or emission of dust in the problem areas	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM7	Place containment berms around fixed pieces of machinery that use oil and gas.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS18	Direct lights so they only illuminate the necessary zone	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM8	Place machinery on an impervious pad.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS19	Switch off bothersome lighting at a specific time if there are no operations underway	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM9	Design containment areas with spigots to drain collected materials. Dispose of all collected material appropriately.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS20	Conduct light distribution study, including locations outside the perimeter of port/tenant property	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM10	Cover machinery with a roof to prevent rainwater from filling the containment area.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS21	Incorporate energy efficiency study in lighting study to reduce/eliminate unnecessary lighting and change fixtures to more cost-efficient ones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM11	Prohibit any vehicle maintenance operation (e.g., fluid changes) in the fueling area.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS22	Implement a system for collecting vapours arising from tanker loading operations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM12	Don't throw your used oil on the ground, down the sewer, into a dry well, in a septic tank or down a floor drain.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS23	Direct truck traffic to queue on port/tenant property, only; if necessary, remind rail operators of local/state laws restricting street blocking at railroad crossings	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM13	Don't put liquid used oil in the trash dumpster with your solid waste. Solid waste landfills cannot take liquids.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS24	Survey port/tenant employees' interest in car pooling, to reduce congestion and vehicle emissions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM14	Don't use used oil as a dust suppressant on your property.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS25	Impose speed limits on vehicles in sensitive zones	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM15	Look for ways to recycle used oil. If the used oil can't be recycled, it must be properly disposed of.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS26	Cooperate with local officials in preparing plans to alleviate congestion in the port area	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM16	Make sure you are properly handling and draining used oil filters before disposal. Recycle the collected oil. Recycle the metal canister if possible.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CS27	Ensure that signage, traffic controls and pavement markings on streets/roads near the port and at its entrances conform to state and federal requirements	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM17	Place leak-proof drip pans beneath machinery. Empty the pans regularly, being conscientious to dispose of the material properly (uncontaminated oil and antifreeze may be recycled).

Section 10: Vehicle Maintenance (VM)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM1	Use a transporter with an EPA identification number to ship used oil off site.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM18	Make available pads, pillows, or booms to your customers.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM2	Require tenants to use and properly dispose of oil absorbent materials as part of your lease agreement.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM19	Place oil-absorbent pads under machinery.
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM3	Train employees on the correct methods for handling used oil.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM20	Locate drip pans and larger containment vessels for immediate access to be placed under vehicle fuel tanks if leaks occur;
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM4	Prohibit any vehicle maintenance operation (e.g., fluid changes) in the fueling area.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	VM21	Use non-water-soluble grease on travelifts, fork lifts, cranes, and winches.

Section 11: Facility Maintenance (FM)

Yes	No	N/A		Yes	No	N/A	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Anticipate Recycling Needs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Collect all maintenance debris. Clean work areas after completing each operation or at the end of the day--whichever comes first. Remove sandings, paint chips, fiberglass, trash, etc. and evaluate to ensure they're not hazardous wastes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Do not activate watering/irrigation systems for a week following pesticide/herbicide application
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Avoid using caustic cleaners such as bleach, ammonia or lye. Do not use petroleum based cleaning products.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Prioritize chemical reduction over grounds appearance by letting grass grow longer, pulling weeds by hand, allowing "natural areas," etc
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Use cleaning products that are environmentally friendly (e.g., non-toxic and phosphate free).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The assessment and management of lead-based paint on surfaces to be scraped/painted and on structures to be demolished should be conducted by a certified lead-abatement professional; dust, paint chips and other debris need to be controlled using tarpaulins, hand-held tools with vacuum attachments, sweepers with vacuum attachments and other similar equipment; debris must be collected, stored in properly labeled containers and managed as hazardous waste
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Follow label instructions for mixing and storing pesticides/herbicides to reduce generation of a hazardous waste stream; apply only at recommended rates and only when needed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Substitute hazardous paint stripping chemicals (e.g., containing methylene chloride) with non-toxic water-based, vegetable-based or citrus-based products
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pesticides/herbicides should be applied only by trained, certified applicators or by personnel under their direct supervision	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Repaint surfaces with coatings free of mercury and lead and use water-based paint wherever practical
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Use pesticide/herbicide container rinsate on the area to be treated; do not empty or clean containers except over or in other containers located in areas with impermeable surfaces and secondary containment or perimeter berms	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Purchase pesticides/herbicides in bulk containers, concentrated form or in packaging that dissolves in solution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Ensure that pesticides/herbicides are applied only to areas that will not cause damage to native habitat or threaten indigenous species	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Avoid pesticide/herbicide application on surfaces sloped to waterways or where groundwater is close to the surface or where it can contaminate stormwater runoff	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Replace or supplement use of chemical pesticides/herbicides and fertilizers with compost, bio-solids and other non-toxic substitutes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Use integrated pest management practices to eliminate pest access to food, water and shelter or use biological controls	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Calibrate fertilizer application equipment to avoid excessive amounts	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Self-Assessment Scoring

Section 1: Environmental Leadership

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 2: Stormwater Control

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 3: Waste Management

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 4: Spill Prevention

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 5: Emissions Control

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 6: Aquatic Invasive Species

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 7: Bulk Materials Handling

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 8: Bulk Storage

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 9: Conflicts of Use

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 10: Vehicle Maintenance

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

Section 11: Facility Maintenance

Total Questions

Total Yes
Total No
Total NA

Scoring %

Clean Marina
Green Marine

- The facility is a good candidate for Clean Marina Certification
- The facility is a good candidate for Green Marine Certification

General

Air Pollu