TABLE Q-2.—STATISTICS FOR CONVENTIONAL POLLUTANTS AND STORM WATER I (IN mg/L UNLESS OTHERWISE INDICATED)

Pollutant Sample type		No. of Fa-		f Sam-	Mean		Minimum		Maximum		Median		95th Percentile		99th Percentile	
		Comp	Grab	Comp	Grab	Comp	Grab	Comp	Grab	Comp	Grab	Comp	Grab	Comp	Grab	Comp
BODs COD Nitrate + Nitrite Nitrogen Total Kjeldahl Nitrogen Oil & Grease PH (s.u) Total Phosphorus Total Suspended Solids Aluminum	15 15 15 15 15 15 15 15 15 4 4	14 14 14 14 14 N/A 11 14 14 3 3	15 15 15 15 15 15 15 15 4 4	14 14 14 14 N/A N/A 14 14 3 3	8.6 130.9 4.23 2.64 11.9 N/A 0.27 634 3.1 26.7	6.0 75.8 0.66 9.41 N/A N/A 0.15 224 2.2 5.0	0.0 0.00 0.00 0.00 4.1 0.00 3 0.2 0.2	0.0 10.0 0.00 N/A N/A 0.00 5 0.2 0.4	39.0 500.0 54.00 16.00 96.0 8.8 1.20 4330 6.3 94.0	11.0 203.0 1.61 118.00 N/A N/A 0.32 944 5.4 8.9	7.0 93.0 0.60 1.60 2.0 7.0 0.10 135 3.0 6.3	6.0 50.5 0.65 0.75 N/A N/A 0.17 68 1.0 5.7	36.3 588 8.61 9.72 40.9 9.5 1.32 3906 24.4 N/A	13.4 254.8 1.89 16.96 N/A N/A 0.51 1116 14.2 40.6	76.3 1327.6 23.9 20.67 109.9 10.8 3.19 1635.2 81.2 40.9	18.7 496.8 3.07 51.31 N/A N/A .90 3351 40.9 122.8
Lead	4 4	3 3	4 4	3 3	0.2 0.7	0.1 0.4	0.0 0.1	0.0 0.2	0.7 2.2	0.1 0.9	0.1 0.2	0.1 0.2	N/A N/A	.1 1.3	N/A N/A	0.2 2.4

¹ Mean, Maximum, Minimum, Median, and Percentiles include all detects and nondetects. ¹¹ Composite samples. Note: There is no information for 95th percentile columns.

3. Options for Controlling Pollutants

The measures commonly implemented to reduce pollutants in storm water associated with water transportation vehicle maintenance and/or equipment cleaning operations are generally simple to implement and are uncomplicated practices. Table Q–3 identifies Best Management Practices (BMPs) associated with different activities that routinely take place at water transportation facilities with vehicle maintenance and equipment cleaning operations.

TABLE Q-3	NDUSTRIAL A	ACTIVITIES AND	POTENTIAL BE	ST MANAGEMENT	PRACTICES
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Activity	BMPs						
Pressure washing	Collect discharge water and remove all visible solids before discharging to a sewer system, or where permitted, to a drainage system, or receiving water. Perform pressure washing only in designated areas where wash water containment can be effectively achieved.						
	Use no detergents or additives in the pressure wash water. Direct deck drainage to a collection system sump for settling and/or additional treatment						
	Implement diagonal trenches or berms and sumps to contain and collect wash water at marine						
	Use solid decking, gutters, and sumps at lift platforms to contain and collect wash water for possible reuse.						
Surface preparation, sanding, and paint re- moval.	Enclose, cover, or contain blasting and sanding activities to the extent practical to prevent abrasives, dust, and paint chips from reaching storm sewers or receiving water. Where feasible, cover drains, trenches, and drainage channels to prevent entry of blasting de-						
	bris to the system.						
	Prohibit uncontained blasting or sanding activities performed over open water. Prohibit blasting or sanding activities performed during windy conditions which render contain- ment ineffective.						
	Inspect and clean sediment traps to ensure the interception and retention of solids prior to en- tering the drainage system.						
	Sweep accessible areas of the drydock to remove debris and spent sandblasting material prior to flooding.						
Painting	Collect spent abrasives routinely and store under a cover to await proper disposal. Enclose, cover, or contain painting activities to the maximum extent practical to prevent overspray from reaching the receiving water.						
	Prohibit uncontained spray painting activities over open water.						
	Prohibit spray painting activities during windy conditions which render containment ineffective. Mix paints and solvents in designated areas away from drains, ditches, piers, and surface wa- ters, preferably indoors or under cover.						
	Have absorbent and other cleanup items readily available for immediate cleanup of spills. Allow empty paint cans to dry before disposal						
	Keep paint and paint thinner away from traffic areas to avoid spills.						
	Recycle paint, paint thinner, and solvents.						
	Train employees on proper painting and spraying techniques, and use effective spray equip- ment that delivers more paint to the target and less overspray.						
Drydock maintenance	Clean and maintain drydock on a regular basis to minimize the potential for pollutants in the storm water runoff.						
	Sweep accessible areas of the drydock to remove debris and spent sandblasting material prior to flooding.						
	If hosing must be used as a removal method, collect wash water to remove solids and poten- tial metals.						
	Clean the remaining areas of the dock after a vessel has been removed and the dock raised.						
	Remove and properly dispose of floatable and other low-density waste (wood, plastic, insula- tions, etc.).						
Drydocking	Use plastic barriers beneath the hull, between the hull and drydock walls for containment.						
	Use plastic barriers hung from the flying bridge of the drydock, from the bow or stern of the vessel, or from temporary structures for containment.						