

**TABLE 4.4.2
POTENTIAL POLLUTION SOURCES AND CORRESPONDING BEST MANAGEMENT PRACTICES SUMMARY**

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Tank farms	Storage and transfer of fuel oil, diesel oil, displacement oil, and Jet A fuel	<ul style="list-style-type: none"> ▪ Spills and leaks during delivery and transfer ▪ Leakage from above-ground tanks ▪ Failure of roof drain hose 	#6 fuel oil; diesel; displacement fuel oil; Jet A fuel	<ul style="list-style-type: none"> ▪ Use of secondary containment around tank farm perimeter, as well as truck unloading areas ▪ Inspection of areas three times per day ▪ Visual inspection and/or laboratory analysis of samples taken in containment areas prior to stormwater discharge ▪ Apply Spill Prevention, Control and Countermeasure (SPCC) plan measures when applicable ▪ Perform regular inspections of fueling area ▪ Maintain spill kit in vicinity of areas in case of spill incident ▪ Provide employee training regarding proper fueling, cleanup, and spill response techniques
Storeroom/ Warehouse	Handling, storage, and delivery of supplies	Spills during delivery	Small quantities of various supplies	<ul style="list-style-type: none"> ▪ Apply SPCC plan measures when applicable ▪ Perform regular inspections of area ▪ Maintain spill kit in vicinity of area in case of spill incident ▪ Provide employee training regarding proper cleanup and spill response techniques
Equipment repair area	As needed repairs of various equipment	<ul style="list-style-type: none"> ▪ Metal shavings ▪ Paints ▪ Lubricating materials 	Small quantities of various supplies used in equipment maintenance	<ul style="list-style-type: none"> ▪ Train contractors using the facility's contractor safety notice program ▪ Encourage housekeeping during and after maintenance repairs
Paint booth/shop	Parts and equipment painting	<ul style="list-style-type: none"> ▪ Spills/leaks of paint supplies ▪ Overspray from paint 	Paints, solvents, and thinners	<ul style="list-style-type: none"> ▪ Use of secondary containment around paint supplies ▪ Use of dispenser drums with containment structures ▪ Keep containers covered and sealed
Sandblasting shack	Sandblasting of parts and equipment	Particulates generated during sandblasting activities	Abrasive blast material (e.g., lead, copper)	<ul style="list-style-type: none"> ▪ Use of baghouse to capture particulates ▪ Daily cleanup of shack ▪ Prohibition of water in shack
Satellite hazardous materials storage	Storage of hazardous materials and waste (e.g., waste oils)	Leaks and spills	Various	<ul style="list-style-type: none"> ▪ Use of secondary containment ▪ Restricted access to personnel ▪ Regular employee training ▪ Regular inspections

TABLE 4.4.2 (Continued)
POTENTIAL POLLUTION SOURCES AND CORRESPONDING BEST MANAGEMENT PRACTICES SUMMARY

Area	Activity	Pollutant Source	Pollutant	Best Management Practices
Plant maintenance shops	Welding/grinding materials	Leaks and spills	Various	<ul style="list-style-type: none"> ▪ Regular employee training ▪ Daily housekeeping required
Wastewater treatment facility	Wastewater treatment	Spills and leaks	Metal cleaning waste	<ul style="list-style-type: none"> ▪ Use of secondary containment ▪ Use of alarms ▪ Regular employee training and use of the SPCC plan, and regular inspections
Trash racks	Seaweed debris removal	Equipment leaks	Oil and grease	<ul style="list-style-type: none"> ▪ Regular maintenance of equipment
Hazardous materials and waste storage	Drum handling	Residue on containers, leaks, spills	Various	<ul style="list-style-type: none"> ▪ Use of mechanical drum handling tools ▪ Inside storage when possible
Transformers and switch yard	Transformer maintenance	Leaks; maintenance activities	Mineral oil (non-PCB)	<ul style="list-style-type: none"> ▪ Regular equipment inspections ▪ Personnel training ▪ Alarms provided on sumps associated with transformer areas
Vehicle parking	Parking/driving	Vehicle fluid leaks	Oil, antifreeze, gasoline	<ul style="list-style-type: none"> ▪ Cleanup of significant stains
Recycle bins	Storage of waste products	Leaching during rainstorms; leakage	Metal shavings; oils	<ul style="list-style-type: none"> ▪ Placement of roll-off bins away from storm drains ▪ Regular housekeeping ▪ Provide covers for bins
Vehicle washing	Not allowed	Not applicable	Not applicable	<ul style="list-style-type: none"> ▪ Employ “dry cleaning” method; no wastewater produced

SOURCE: Brown & Caldwell, 1997a.