

Appendix B – Best Management Practices

BMP SC09	BUILDING AND GROUNDS MAINTENANCE	
PURPOSE: Prevent or reduce the discharge of pollutants to storm water from building and grounds maintenance by washing and cleaning up with as little water as possible, preventing and cleaning up spills immediately, keeping debris from entering storm drains, and maintaining the storm water collection system.		TARGETED ACTIVITIES: ➔ Building Maintenance ➔ Grounds Maintenance
POLLUTION PREVENTION:		POLLUTANTS of CONCERN:
	<p>Implement the following pollution prevention practices and BMPs to prevent discharges of pollutants from building and grounds maintenance to the storm water collection system:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Regularly clean paved surfaces that are exposed to industrial activity. Use “dry” cleaning techniques, such as sweeping, whenever possible. <input type="checkbox"/> Clean any catch basins that receive runoff from maintenance areas on a regular basis. Use a vacuum truck to remove accumulated materials. Do not flush wastes into the storm drain system. <input type="checkbox"/> Minimize use of pesticides, herbicides, and fertilizers and use according to directions. Seek less harmful/toxic products to replace ones currently used. <input type="checkbox"/> Reduce the exposure of galvanized metal structures to rainfall. Possible actions to reduce exposure include; application of a coating of inert paint to the metal surface, replace uncoated galvanized metal fence with vinyl coated galvanized steel or polyester coated galvanized steel. <input type="checkbox"/> Investigate the use of downspout filters on roof downspouts to minimize pollutants in roof runoff. <input type="checkbox"/> Use safer non-toxic products for the outside painting of buildings and grounds maintenance. Recycle residual paints, solvents, lumber, and other materials (such as landscape waste) as much as possible. <input type="checkbox"/> Reduce the exposure of galvanized metal structures to rainfall, by using coated galvanized structures or coating or painting existing structures with non-toxic paints or coatings. <input type="checkbox"/> Encourage proper xeriscaping management and landscaping, including the use of native vegetation, to reduce irrigation needs. <input type="checkbox"/> When applying pesticides, use the following practices: Do not use pesticides if rain is expected or is occurring, do not mix or prepare pesticides for application near storm drains, and apply pesticides only when wind speed is low. <input type="checkbox"/> Prohibit over-irrigation of landscaped areas 	<ul style="list-style-type: none"> ➔ Pesticides/Herbicides/ Fertilizers ➔ Oil and Grease ➔ Sediment ➔ Landscape Waste ➔ Metals ➔ Cleaning Solutions ➔ Bacteria

Appendix B – Best Management Practices

BMP SC09		BUILDING AND GROUNDS MAINTENANCE
OPERATIONS:		APPLICABLE TENANTS/DEPARTMENTS:
Sub-BMPs - 01 <input type="checkbox"/> Landscape, re-vegetate, or install erosion and sediment controls in areas of exposed soil. - 02 <input type="checkbox"/> Use hand weeding when practical. - 03 <input type="checkbox"/> Implement integrated pest management methods, minimize the use of pesticides, herbicides, and fertilizers and use according to directions. - 04 <input type="checkbox"/> Use temporary BMPs such as portable booms and vacuum trucks to contain water from outdoor building or structure washdown activities. Use reclaimed water, where possible, and collect and properly dispose of all waste water through a permitted connection to the sanitary sewer. - 05 <input type="checkbox"/> Compost or recycle grass trimmings, leaves, sticks, or other collected vegetation, where possible, or dispose of appropriately. - 06 <input type="checkbox"/> Remove temporary stockpiled materials at the end of the day or place away from watercourses and drainage inlets, and berm and cover stockpiles to prevent material releases to the storm drain. - 07 <input type="checkbox"/> Clean pavement or sidewalk (using dry methods or reclaimed water) of any residual materials or spills before applying irrigation water, and capture and properly dispose of any wash water. - 08 <input type="checkbox"/> Repair damaged asphalt when degradation is observed. - 09 <input type="checkbox"/> Reduce the exposure of galvanized or rusty metal structures to rainfall, where possible.	→ Allied Aviation → American → ARFF → Bradford → Cartwright → Conrac → DHL → FedEx → Flagship → Menzies → SDCRAA → Signature → Southwest → UPS	
SEE ALSO BMP SC12		
STRUCTURAL TREATMENT BMPs: Refer to BMP TC01 for information on structural treatment BMPs.		
BMP FREQUENCIES/EQUIPMENT/TOOLS: Building and grounds maintenance occurs on a daily basis. Equipment/tools to implement BMPs include portable booms, vacuum trucks, tarps, and fiber rolls.		
AUTHORIZED BUILDING AND GROUNDS MAINTENANCE LOCATIONS:		
<input type="checkbox"/>	To implement BMPs for the prevention of discharges or pollutants from buildings and grounds maintenance, perform maintenance activities within the designated areas as shown in the attached map.	
Date:		Version: 2.0

Tenants Implementing SC-09 BMP:
Building & Ground Maintenance

2 - Allied Aviation

4 - American

6 - ARFF

7 - Menzies

12 - FedEx

19 - SDCRAA

21 - Southwest

22 - FlagShip

24 - UPS

38 - DHL

40 - Bradford

77 - Conrac

78 - Signature

96 - Cartwright

Buildings

SDCRAA

SDIA Boundary

Aerial Image Source:
Aerotek Mapping Inc.
ATM # C0116-008
Aerial Flight Date: 8/22/2016

<div>PROJECT NO.: 5025-18-2002</div> <div>DATE: JANUARY 2019</div> <div>DRAWN BY: CAB</div> <div>CHECKED BY: AA/NP</div>	<div></div>	<div><div>025050010001500</div><div>Feet</div></div>	<div></div>	<div>STORM WATER MANAGEMENT PLAN AT SAN DIEGO INTERNATIONAL AIRPORT</div> <div>San Diego, California</div>	<div>SC-09 BMP: Building & Ground Maintenance</div>	<div>FIGURE</div> <div>SC-09</div>
--	-------------	--	-------------	--	---	------------------------------------

Individual BMP From:

Appendix B – Best Management Practices

Intentionally Left Blank