

### Detailed Description of Proposed Minimum Required Best Management Practices (BMPs)

No.	BMP	Justification	Description and Examples	Applica- tion	Source
<b>Containment BMPs</b>					
1	Provide secondary containment to catch spills if storing hazardous materials	Prevents pollutants from potentially entering the storm drain system by keeping them onsite	Use one of a variety of methods (e.g., containers, curbs, vendor products) to provide secondary containment for areas storing hazardous materials in case of leaks or spills	COM IND	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code
2	Use drip pans, etc. to collect leaks/spills	Prevents pollutants from potentially entering the storm drain system by keeping them onsite	Use drip pans or other means (e.g. sealable containers) to capture spills or leaks of oil and other fluids from vehicles during maintenance; dispose of captured fluids per BMP #11 or #12 where applicable. Repair vehicles promptly.	COM IND RES	Commonly Adopted in Other Municipalities, Think Blue
3	Clean floor mats, etc. indoors and discharge to sanitary system	Directs pollutants to sanitary system	Wash kitchen floor mats and entry/exit door mats such that wash water is captured and directed to sanitary sewer system	COM	Commonly Adopted in Other Municipalities, Land Development Manual, Currently in San Diego Municipal Code, Think Blue
4	Properly dispose of process or wash water	Directs pollutants to sanitary system and avoids non-storm water discharge	Collect wash water in permanent or temporary capture facilities and direct to landscape areas for infiltration or pump to sanitary sewer. (Coordinate with MWWDD and obtain industrial discharge permit if necessary.)	COM IND MOB	Commonly Adopted in Other Municipalities, Think Blue, Currently in San Diego Municipal Code

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5	Immediately clean up spills with dry methods	Removes potential pollutants	Use absorbents, sweeping, and other dry cleanup methods to clean up spills and dispose of properly (depending on nature of spill) rather than washing spilled material into the storm drain system. Provide spill kits with dry cleanup materials in readily accessible locations. Train employees in spill response procedures.	COM IND	Commonly Adopted in Other Municipalities, Think Blue
6	Maintain spill cleanup and wet vacuum or similar equipment readily available	Removes potential pollutants	Assure that absorbents and dry cleanup materials are located in close proximity to locations where hazardous materials or potential storm water pollutants are stored or used, and instructions are clearly displayed	COM IND	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code, Think Blue
7	Wash vehicles and equipment in designated areas	Prevents pollutants from potentially entering the storm drain system by keeping them onsite	Designate areas for washing vehicles and equipment that are isolated from the storm drain system	COM IND	Commonly Adopted in Other Municipalities, Land Development Manual, Currently in San Diego Municipal Code
8	Wash vehicles and equipment in designated areas	Prevents pollutants from potentially entering the storm drain system by keeping them onsite	Where feasible, drain wash water (which contains pollutants such as detergents, brake dust, oil, etc.) onto pervious areas, such as a lawn or landscaping, to prevent pollutants from entering the storm drain system. Always use a control nozzle or similar method to prevent unnecessary amounts of runoff.	RES	Think Blue

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9	Properly store and dispose of green waste	Prevents pollutants from potentially entering the storm drain system	Do not dump or leave green matter from landscaping maintenance in the storm drain system. Store waste clippings, compost, etc. in areas that do not drain directly to the storm drain system. Compost or take to green waste section of landfill.	COM IND RES	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code (dumping)
10	Keep animals out of creeks	Prevents deposition of pollutants (nitrates, bacteria, etc.) in drainageway	Fence areas adjacent to channels to keep animals out of creeks and surrounding areas. Provide stock ponds or water tanks away from watercourses.	COM (Animal Facilities)	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code
11	Contain discharge water from fire system maintenance activities	Prevents pollutants from potentially entering the storm drain system by keeping them onsite	Prevent discharge of water during testing of fire maintenance systems by directing water to sanitary sewer system, wet vacuuming from a paved area or directing to area for evaporation and sweeping	COM IND	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code
<b>Pollution Prevention BMPs</b>					
12	Properly store and dispose of hazardous materials	Prevents pollutants from potentially entering the storm drain system	Store hazardous materials (paints, solvents, oils, pesticides) such that they will not come into contact with storm water if leaks or spills occur. Dispose of hazardous materials using authorized hazardous material collection services.	COM IND	Commonly Adopted in Other Municipalities, Land Development Manual, Currently in San Diego Municipal Code

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13	Properly store and dispose of hazardous materials	Prevents pollutants from potentially entering the storm drain system	Store household hazardous materials (paints, solvents, oils, pesticides) such that they will not come into contact with storm water if leaks or spills occur. Dispose of household hazardous materials at household hazardous collection center and/or autoparts stores.	RES	Commonly Adopted in Other Municipalities
14	Schedule during dry weather any outdoor activities that could release pollutants	Reduces potential for washing pollutants into storm drain system	When there is flexibility, schedule outdoor activities such as vehicle washing and maintenance, handling of hazardous materials, mobile cleaning operations, etc. for non-rainy days. Or, move activities indoors.	COM IND MOB RES	
15	Label containers and maintain up-to-date inventory to prevent mishandling of hazardous materials	Prevents pollutants from potentially entering the storm drain system	Keep accurate inventory of potentially hazardous materials, especially those stored in outdoor areas. Clearly label containers with contents and any special handling instructions.	COM IND	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code
16	Drain and properly dispose of fluids from inoperable vehicles	Prevents pollutants from potentially entering the storm drain system	Drain oil, antifreeze, and other fluids from vehicle stored outside for storage or salvage. Dispose of waste per BMP #11 and #12 where applicable.	COM IND RES	Commonly Adopted in Other Municipalities,
17	Provide pollution prevention signage for storm drains, material storage, etc.	Reduces potential for employees to inadvertently introduce pollutants into storm drain system	Provide concrete stamping or equivalent on all onsite drainage inlets and catch basins with prohibitive language (e.g., "No Dumping – Drains to Ocean"). Provide signage indicating nature of materials stored onsite, particularly hazardous materials.	COM IND	Commonly Adopted in Other Municipalities, Land Development Manual
18	Properly manage pesticide/fertilizer use	Reduces introduction of pollutants to areas that generate runoff	Apply pesticides and fertilizers in strict accordance with manufacturer's guidance. Safely store chemicals in closed/covered areas. Dispose of waste products per BMP #11. Use integrated pest management principles (plant selection, biological controls, habitat manipulation) to reduce use of chemicals.	COM IND	Commonly Adopted in Other Municipalities, Land Development Manual

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19	Properly manage pesticide/fertilizer use	Reduces introduction of pollutants to areas that generate runoff	Apply pesticides and fertilizers in strict accordance with manufacturer's guidance. Safely store chemicals in closed/covered areas. Dispose waste products per BMP #12. Encourage reduction of chemicals through integrated pest management principles (plant selection, biological controls, habitat manipulation).	RES	Commonly Adopted in Other Municipalities
20	Protect landscaped areas from erosion by maintaining vegetative cover	Reduces erosion and associated pollutants	Plant and maintain healthy ground cover on exposed soils to reduce runoff and erosion of soils that may contain or transport pollutants	COM IND RES	Commonly Adopted in Other Municipalities, Land Development Manual, Currently in San Diego Municipal Code (land development)
21	Protect storm drains from non-storm water discharges	Prevents non-storm water and contaminated storm water from entering storm drain system	Use temporary covers, straw wattles, mats, drain inserts, sand bags, or other methods to prevent non-storm water from entering storm drain system, or provide BMP-level treatment during mobile washing activities or other temporary water use	COM IND MOB	Commonly Adopted in Other Municipalities, Think Blue
22	Minimize over irrigation runoff	Reduces potential for non-storm water to enter storm drain system	Adopt watering practices that minimize irrigation water from entering the storm drain system. Examples are responsibly maintaining irrigation systems, making drought tolerant choices when installing plants, and abiding by local watering restrictions. Minimize runoff resulting from over watering.	COM IND RES	Commonly Adopted in Other Municipalities, Currently in San Diego Municipal Code (watering restrictions)

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23	Regularly sweep parking areas	Removes potential pollutants	Sweep (preferably with vacuum sweepers) parking areas and other large paved areas regularly to control trash and debris. generating medium volumes of solid waste once per month; areas generating low volumes of solid waste once per year.	COM IND	Currently in San Diego Municipal Code
24	Protect trash storage areas from contact with storm water	Reduces contact of rain water with potential pollutants, and reduces runoff of potentially contaminated storm water	Trash areas should be either: (1) paved with an impervious surface, designed not to allow run-on from adjoining areas, and screened to prevent off-site transport of trash; (2) contain attached lids that exclude rain; and/or (3) covered to minimize direct precipitation. Locate trash areas downstream of drain inlets where applicable. Keep area free of trash.	COM IND	Commonly Adopted in Other Municipalities, Land Development Manual, Think Blue
25	Properly dispose of swimming pool, spa, fountain, and filter backwash water	Prevents contaminated discharge water from entering storm drain system	Dispose of swimming pool, spa, and fountain water either by (1) discharging water to the sanitary sewer system; (2) draining water to landscaped areas; and/or (3) discharging water to the storm drain system only if the water is dechlorinated, has a pH in 7-8 range, is within ambient temperature, and has no algae or suspended solids. Dispose of filter backwash water to a landscaped area or the sanitary sewer system.	COM RES	Commonly Adopted in Other Municipalities, Think Blue
<b>Good Housekeeping BMPs</b>					
26	Inspect activity/storage area regularly to ensure BMPs are effective	Assures BMPs are operating properly	Inspect BMPs to assure they continue to operate properly. Assure materials are stored properly, out of contact with rain water or run on. Assure site conditions have not changed, requiring new control measures.	COM IND	Commonly Adopted in Other Municipalities

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27	Clean up regularly with dry methods and non-hazardous cleaning products	Removes potential pollutants	Use absorbents, sweeping, and other dry cleanup methods to clean up spills rather than washing spilled material into the storm drain system. Dispose of spilled material properly (e.g., hazardous waste materials per BMP #11). Avoid use of cleaning products containing hazardous substances. Dispose of wash water to landscaped areas or sanitary sewer.	COM IND MOB	Commonly Adopted in Other Municipalities, Think Blue
28	Clean trash disposal areas	Prevents contact of rain water with pollutants	Keep trash in dumpsters and other receptacles; prevent trash from blowing offsite; sweep trash storage areas frequently; check dumpsters for leaks; never place liquid waste in dumpsters; use dry cleanup methods in trash disposal areas.	COM IND RES	Commonly Adopted in Other Municipalities, Think Blue
29	Pick up and dispose of pet waste in yards and right of ways	Prevents pollutants from potentially entering the storm drain system	Pick up and properly dispose of pet waste (toilet or trash).	RES	
30	Train employees on storm water pollution prevention <sup>1</sup>	Reduces potential for employees to inadvertently introduce pollutants into storm drain system	Provide initiation training and annual refresher training for employees involved in activities that could result in spills or discharges to the storm drain system. Assure all employees are familiar with SWPPP if one exists for the site. Designate and train key employees in proper installation, operation, and maintenance of any onsite BMPs.	COM IND MOB	Commonly Adopted in Other Municipalities, Think Blue
<b>Regulatory BMPs</b>					
31	Develop and implement Spill Prevention Plan	Removes potential pollutants	Develop and implement plan for preventing and responding to spills of potentially hazardous materials onsite. Plan should be developed in accordance with guidance provided by State, City, and County emergency management departments. Train employees in spill response procedures.	COM IND MOB	Commonly Adopted in Other Municipalities, Think Blue, General Industrial Permit

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32	Develop and implement SWPPP	Prepares plan to address site specific conditions and pollutant sources	Develop and implement Storm Water Pollution Prevention Plan to provide BMPs pertinent to site conditions and activities. Update plan as site conditions or activities change.	COM IND	Commonly Adopted in Other Municipalities, General Industrial Permit
33	Identify and eliminate illegal connections to storm drain	Prevents pollutants from potentially entering the storm drain system	Assure all process water and drainage from loading areas, vehicle maintenance areas, and manufacturing areas is discharged to sanitary sewer system	COM IND	Currently in San Diego Municipal Code, Commonly Adopted in Other Municipalities

Key

COM = Commercial

IND = Industrial

RES = Residential

MOB = Mobile Business