

RESOLUTION NO. 15-0013

**A RESOLUTION OF THE MANHATTAN BEACH CITY COUNCIL APPROVING
A GREEN STREETS POLICY**

RECITALS

1. On November 8, 2012, the Los Angeles Regional Water Quality Control Board (Regional Board) adopted the fourth NPDES Permit under the Federal Clean Water Act for discharges from the municipal separate storm sewer systems (MS4) within the coastal watershed of Los Angeles County (Permit). The Permit became effective on December 28, 2012. The Permit identified conditions, requirements and programs that municipalities must comply with to protect regional water resources from adverse impacts associated with pollutants in stormwater and urban runoff.
2. The City of Manhattan Beach (City) is a named Permittee subject to the permit. A condition of Regional Board approval of the Enhanced Watershed Management Program (EWMP) is that all participating Permittees must establish and implement a "Green Streets Policy" and include a reference to it in the City's Municipal Code. Additionally, all participating Permittees must have Low Impact Development (LID) ordinances and Green Street Policies enacted by the time of the draft EWMP submittal.
3. The City is pursuing the development of an EWMP consistent with the Permit and in cooperation with the cities of Hermosa Beach, Redondo Beach and Torrance along with the Los Angeles County Flood Control District.
4. Green Streets are enhancements to street and road projects to improve the quality of storm water and urban runoff through the implementation of infiltration measures such as bioretention and infiltration trenches and dry wells; bio-treatment/infiltration measures such flow-through planters and vegetated swales; treatment Best Management Practices (BMPs) such as catch basin filters and screens; and implementing and maintaining xeriscaped parkways and tree lined streets.

NOW, THEREFORE, THE MANHATTAN BEACH CITY COUNCIL HEREBY DETERMINES, FINDS AND RESOLVES AS FOLLOWS:

Section 1. The City Council hereby adopts as its Green Streets Policy as shown in Exhibit "A," attached hereto and incorporated herein by this reference.

Section 2. The City Council hereby directs the Public Works Director to implement Green Streets for: (1) New public and private street and road construction or private development projects that include street and road construction of 10,000 square feet or more of impervious surface area; and (2) Redevelopment of streets and roads that results in the creation, addition or replacement of 5,000 square feet or more of

impervious surface area on an already developed site following the City's Green Streets Policy, as show in Exhibit "A" which is based on the USEPA's Wet Weather with Green Infrastructure guidance (December 2008 EPA-833-F-08-009).

Section 3. Routine maintenance including but not limited to slurry seals, grind and overlay and reconstruction to maintain original line and grade are excluded from the Green Street Policy.

Section 4. The Public Works Director is authorized to make non-substantive changes to the City's Green Streets policy consistent with the requirements of the MS4 Permit.

Section 5. The adoption of this Resolution and the timing thereof is mandated by the action of the Los Angeles Regional Water Quality Control board ("LARWQCB"). In this case, the City is acting at the direction of the LARWQCB and federal law to protect, maintain, restore and enhance natural resources and the environment. To comply with the requirements of the LARWQCB, the City Council determines that the Green Streets Policy will not have a significant effect on the environment, and finds that the adoption of this Ordinance is categorically exempt from the requirements of the California Environmental Quality Act ("CEQA") pursuant to CEQA Guidelines Sections 15307 and 15308.

Section 6. At a Council Meeting held on April 7, 2015, the City Council determined that the public interest and necessity justify the adoption of the Green Street Policy.

Section 7. The City Clerk shall certify to the passage and adoption of this Resolution.

PASSED, APPROVED, AND ADOPTED at a regular meeting of the Manhattan Beach City Council on April 7, 2015.

Ayes: Lesser, D'Errico, Burton and Mayor Powell

Noes: None

Absent: Howorth

Abstain: None



Mayor Wayne Powell
City of Manhattan Beach

ATTEST:



Liza Tamura
City Clerk

EXHIBIT "A"
MANHATTAN BEACH GREEN STREETS POLICY

Purpose

It is the policy of the City of Manhattan Beach (City) to implement Green Street Best Management Practices (BMPs) as elements of street and roadway projects including public works capital improvement projects to the maximum extent practicable. This policy is implemented to demonstrate compliance with the Waste Discharge Requirements for Municipal Separate Storm Sewer System (MS4) Discharges within the Coastal Watersheds of Los Angeles County, Order No. R4-2012-0175, NPDES Permit No. CAS004001 effective December 28, 2012, and any amendment thereto (Municipal Stormwater Permit).

Green Streets are amenities that provide multiple benefits including water quality improvement, groundwater replenishment, attractive streetscapes, traffic calming, pedestrian and bicycle accessibility, reduction in the heat island effect, and creation of linear or pocket parks. Green streets can incorporate a wide variety of design elements and techniques including the minimization of impervious area through reduction in street width and the application of permeable pavements, street trees and landscaped medians, bioretention, vegetated swales, biofiltration, and/or storage of stormwater. Application of green techniques encourages stormwater contact with soil and vegetation to facilitate natural pollutant removal processes as well as retention and/or infiltration of stormwater to reduce runoff.

Policy

A. **Application.** The City will require the application of Green Street strategies consistent with USEPA guidance regarding Managing Wet Weather with Green Infrastructure—Green Streets (December 2008 EPA-833-F-08-009) to the maximum extent practicable for the following types of projects:

1. New public and private street and road construction or private development projects that include street and road construction of 10,000 square feet or more of impervious surface area;
2. Redevelopment of streets and roads that results in the creation or addition or replacement of 5,000 square feet or more of impervious surface area on an already developed site.

The term "street and road construction projects" applies to projects that are standalone street, road, highway or freeway projects and also applies to such projects within larger projects.

Routine maintenance (as defined in the Municipal Stormwater Permit) and linear utility projects are excluded from these requirements. Routine maintenance includes slurry seals, repaving, and reconstruction of the road or street where the original line and grade are maintained. It also includes road shoulder work, regrading of dirt or gravel roadways and shoulders, and performing ditch cleanouts.

- B. Benefits. The City will consider opportunities to improve stormwater quality, eliminate non-stormwater runoff, replenish groundwater, create attractive streetscapes, and provide pedestrian and bicycle accessibility and safety through new development and redevelopment of streets and roadway projects and related capital improvement projects.

- C. Best Management Practice (BMP) Selection and Design Standard. The most recent version of the County of Los Angeles Low Impact Development Standards Manual will serve as the design reference for selected Green Street BMPs. The Director of Public Works has final authority in decisions regarding project/site-specific technical feasibility for selected BMPs.

- D. Runoff Capture Design Goal. This policy establishes a minimum runoff capture design goal of the runoff produced from a 0.25 inch, 24-hour storm event for green street projects. Designers should pursue greater volume mitigation at project sites where it is practical. Project area is defined as the boundary of proposed improvements (construction/reconstruction) within the City of Manhattan Beach right of way. For new median construction/reconstruction projects, the project boundary is limited to the area that is being reconstructed. New pervious areas within the project area such as open space, medians, and parkway can be used as credit toward the capture goal. Project areas are not expected to accommodate offsite tributary runoff. Although maintenance projects are exempt from the Green Street Policy, the engineer/planner is encouraged to consider LID features where the conditions are favorable.

- E. Retrofit Scope. The City will use the Beach Cities Enhanced Watershed Management Program to identify opportunities for green street BMP retrofits. Final decisions regarding implementation will be determined by the Director of Public Works based on the availability of adequate funding.

- F. Training. The City of Manhattan Beach will incorporate aspects of green streets into internal annual staff training of targeted staff.