



## CITY OF MONROVIA MS4 PERMIT / EWMP OVERVIEW

- Stormwater regulations are managed by the State Water Resources Control Board.
- Regulations are adopted by each county in California through a municipal stormwater permit called the MS4 Permit.
  - The MS4 Permit both prohibits and requires the following:
    1. Elimination of non-stormwater discharges.
    2. Implementation of best management practices (BMPs) to prevent / minimize stormwater pollution.
    3. Enforcement of pollutant limits through the establishment of Total Maximum Daily Loads (TMDLs) for 33 specific pollutants. A TMDL establishes the maximum amount of a pollutant that a waterbody can receive and still meet water quality standards.
- The MS4 Permit for Los Angeles County (established by Order No. R4-2012-0175) is the regulatory mechanism that mandates the development and adoption of either a Watershed Management Program (WMP) or an Enhanced Watershed Management Program (EWMP).
  - WMPs and EWMPs outline specific projects / initiatives that need to be implemented in order to ensure that stormwater discharges do not exceed the TMDLs established in the MS4 Permit.
- The MS4 Permit for Los Angeles County has been in effect since December 28, 2012.
- Monrovia is part of the Rio Hondo / San Gabriel River Watershed, which decided to pursue compliance with the MS4 Permit through development of an EWMP.
  - Member agencies include the cities of Arcadia, Azusa, Bradbury, Duarte, Monrovia, and Sierra Madre, along with the County of Los Angeles and the Los Angeles County Flood Control District.
- Monrovia's EWMP Group has put together an overall plan to comply with the provisions of the MS4 Permit.
- The total estimated compliance cost for our EWMP Group is \$1.4 billion.
  - Monrovia's share of that cost is \$231.1 million.
  - Throughout all of Los Angeles County, MS4 Compliance costs are estimated at \$20 billion.

- Based on our EWMP, the projects Monrovia would be responsible for include the following:
  - Completing construction of 68 lane miles of Green Streets by 2028
    - Estimated Capital Cost: \$174.385 million
    - Estimated Ongoing Annual O&M Cost: \$1,743,856 / year
  - Completing construction of the Recreation Park Project by 2020
    - Estimated Capital Cost: \$10.251 million
    - Estimated Ongoing Annual O&M Cost: \$125,205 / year
  - Completing construction of the Royal Oaks Trail Project by 2023
    - Monrovia's Share of Estimated Capital Cost: \$16.278 million
    - Monrovia's Share of Estimated Ongoing Annual O&M Cost: \$153,251 / year
  - Completing construction of the Eisenhower Park Project by 2024
    - Monrovia's Share of Estimated Capital Cost: \$6.813 million
    - Monrovia's Share of Estimated Ongoing Annual O&M Cost: \$83,372 / year
  - Completing construction of the Lucinda Garcia Park Project 2024
    - Estimated Capital Cost: \$23.323 million
    - Estimated Ongoing Annual O&M Cost: \$285,270 / year
- The total financial obligation for Monrovia to implement the proposed EWMP is \$231.1 million.
  - The estimated annual ongoing maintenance costs associated with Monrovia's EWMP projects are estimated at \$3.1 million / year.
- Based on the current mandated implementation schedule, we are required to have our first project completed in four years by 2020, and all of the identified projects would need to be implemented by 2028.
- At this point in time, we have no identified funding source for either the capital costs or the ongoing maintenance costs associated with these projects.