

City of San José

Green Stormwater Infrastructure Plan

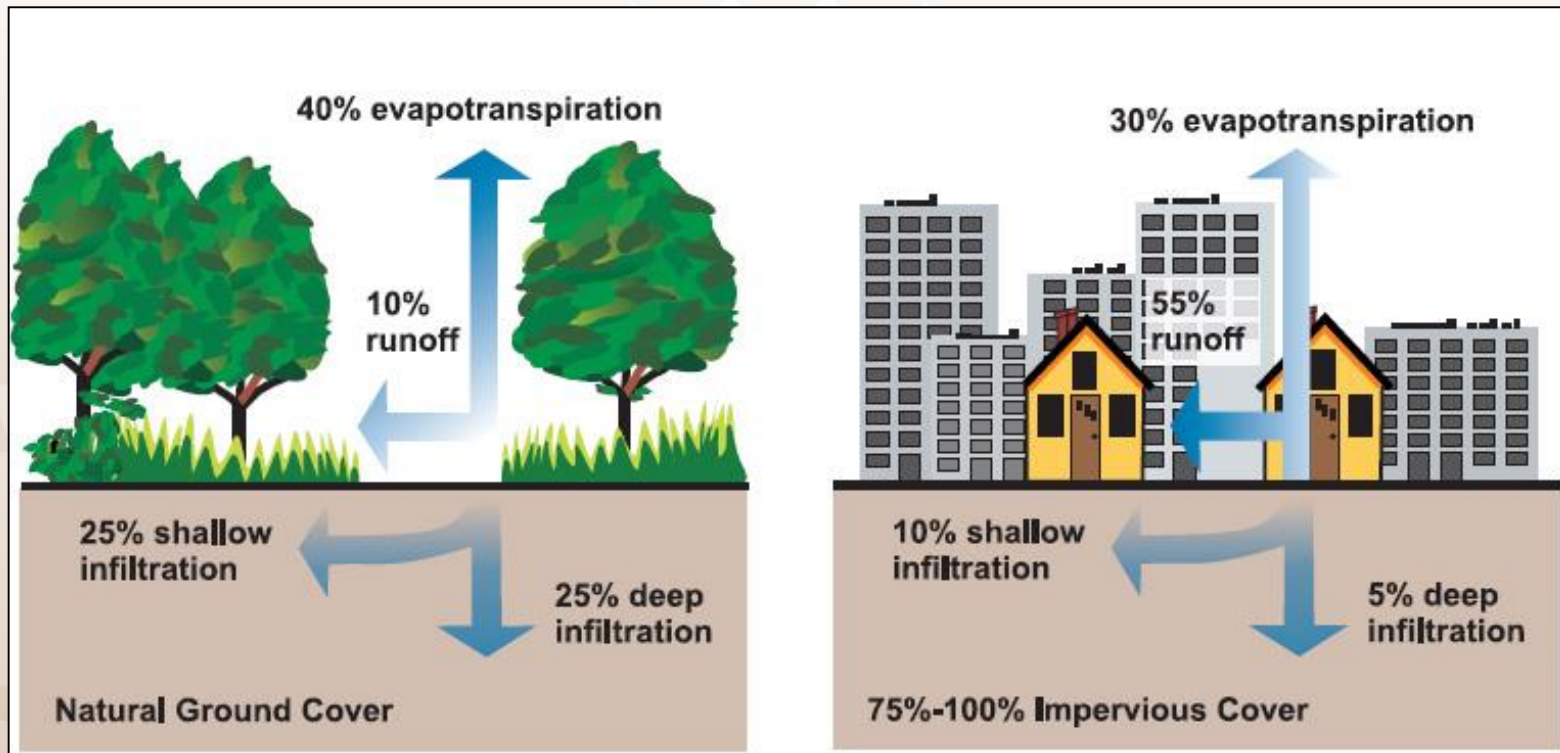
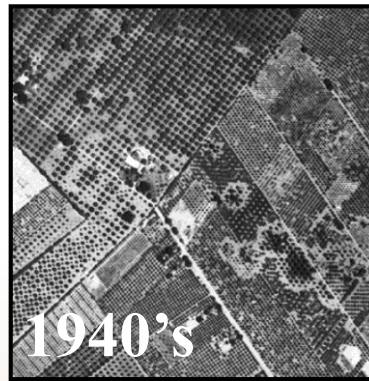
September 10, 2019

Item 7.1

ESD: Kerrie Romanow, Sharon Newton

PW: Matt Cano, Matthew Nguyen

Background



Where Stormwater Runoff Goes

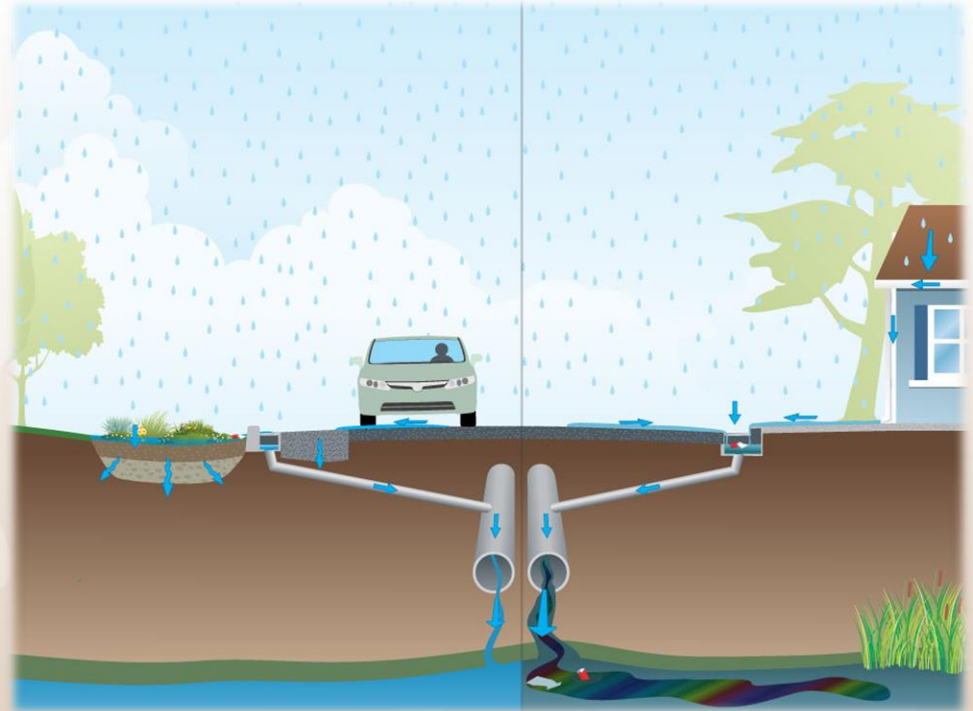


Impacts of Stormwater Runoff



Drivers

- Municipal Regional Stormwater Permit
 - Low Impact Development
- Alignment with City Initiatives
- Citywide shift to green stormwater infrastructure



Green Stormwater Infrastructure

Solution: Treat, Slow, and Reduce Runoff

- Creek Health
- Wildlife Habitat
- Urban Greening
- Water Recharge/Recycle
- Improved Streets & Walkability
- Reduced Localized Flooding
- Park Enhancements



Comprehensive Citywide Approach

Low Impact Development Projects



Green Street Projects



Regional Projects



Green Stormwater Infrastructure Needs

- Captures, retains, and infiltrates 833 ac-ft of stormwater runoff
- Options include regional projects in city facilities, parkland, green-street, and low-impact development projects
- Compliance by 2050

Next Steps



Recommendation

- Approve the Green Stormwater Infrastructure Plan in advance of its submission to the Regional Water Quality Control Board by the September 30, 2019 deadline.

