

Municipal Regional Stormwater NPDES Permit Status Update

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Watershed Protection Division, Environmental Services

Transportation and Environment Committee

November 1, 2021

Item d.2



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to improve our health, environment, and economy.

Environmental Services

What is Stormwater Runoff?



Video provided by the Santa Clara Valley Urban Runoff Pollution Prevention Program and Watershed Watch

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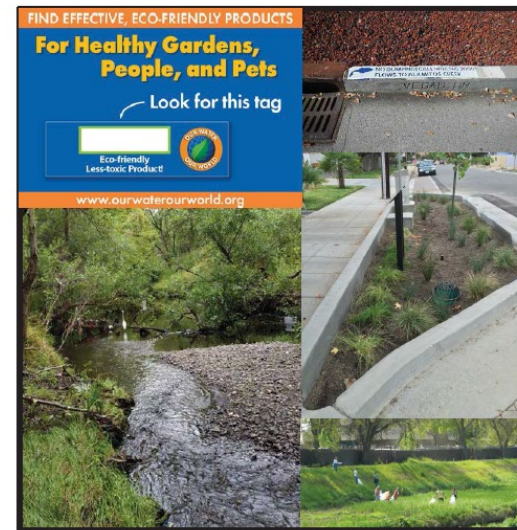
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Municipal Regional Stormwater Permit

- Federal Clean Water Act requirement
- Five-year permit regulates municipal storm sewer system discharges
- Permit Reissuance

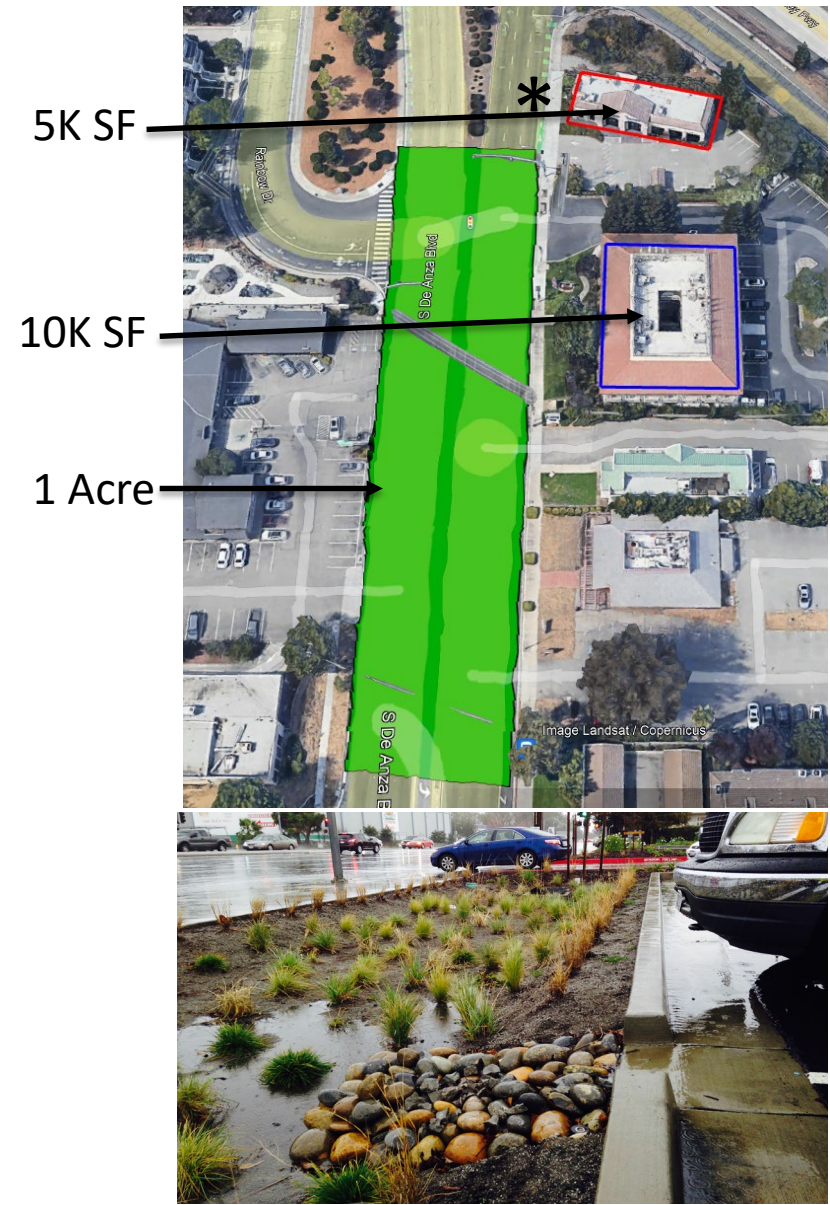
California Regional Water Quality Control Board
San Francisco Bay Region
Municipal Regional Stormwater NPDES Permit

Order No. R2-2015-0049
NPDES Permit No. CAS612008
November 19, 2015



C.3 New & Redevelopment

Project Type	Current Permit	Proposed Changes
Commercial, Municipal, Multi-Family Dwellings	10,000 square feet (SF) –treatment required	<u>5,000 square feet (SF)</u> – treatment required. *Includes Public Right-of-Way & Trails
Single Family Homes	Exempt	<u>10,000 square feet (SF)</u> – treatment required
Roadway Projects	Maintenance Exempt	<u>1 acre</u> with replacement down to base
Green Stormwater Infrastructure	Develop a GSI Plan	Construct GSI to treat <u>10 acres</u>



C.10 Trash Load Reduction - Proposed



- Direct Discharge
- Creek Cleanups
- Source Controls (i.e. bag and polystyrene bans)

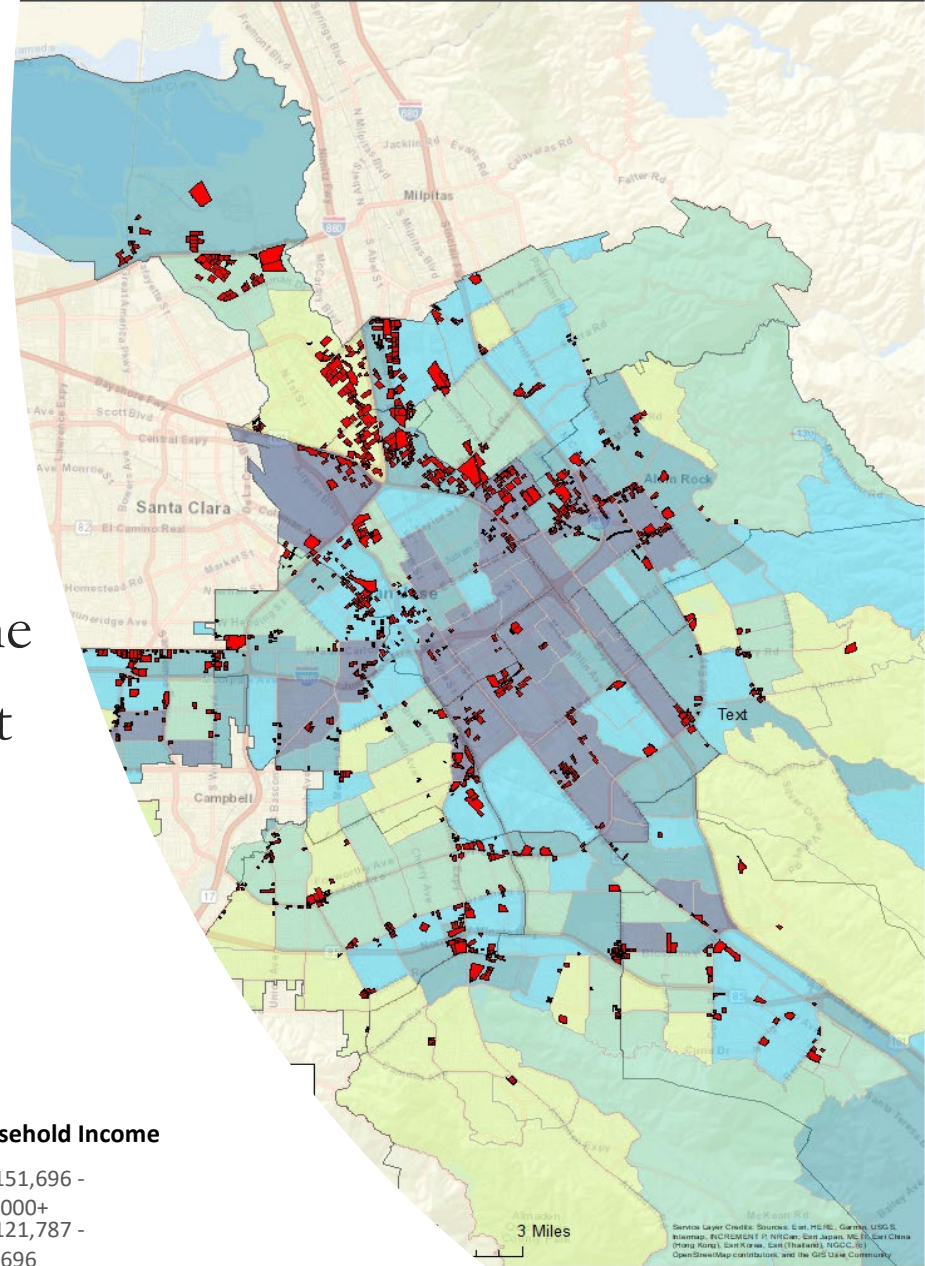
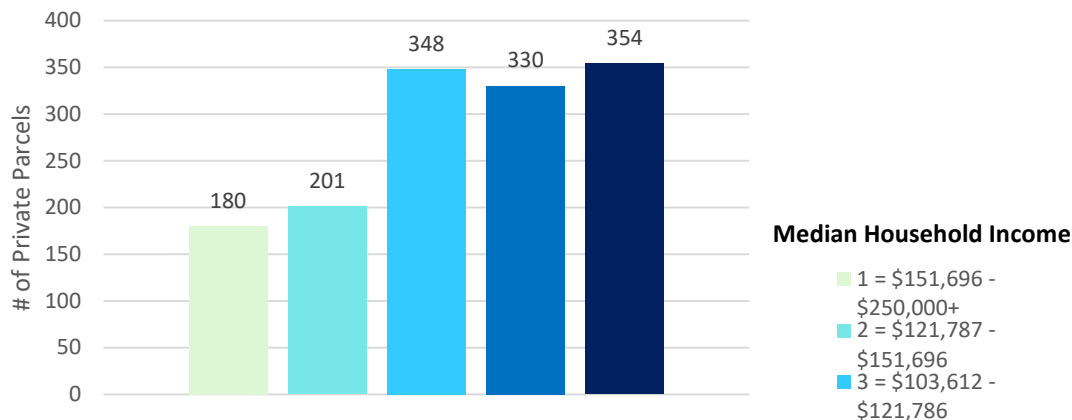


Need additional
35% of credits



C.10 Trash Load Reduction: Private Land Equity Impact

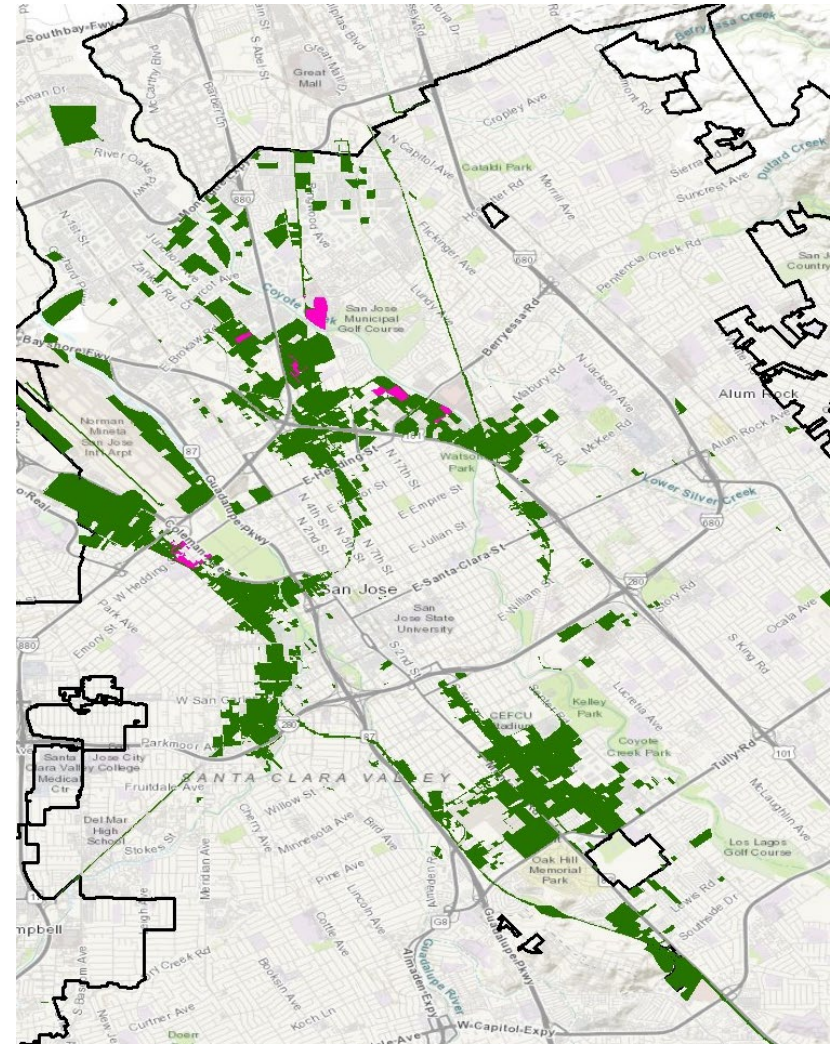
- Before: 74% of 10,000 SF below \$121,786 median household income
- Now: Applies to **ALL** that connect directly to storm sewer system



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C.12 Polychlorinated Biphenyls Controls - Proposed

- Control measures in Old Industrial Areas
 - Approx. 300 acres in San Jose
 - GSI, LTC, Street Sweeping, Storm line cleaning, property management
- PCBs in Demolition
 - Buildings – notification, inspection, confirmation
 - Bridges/Overpasses – follow Caltrans guidance for testing and disposal
- Source Property Identification and Abatement





New Requirements: Cost Reporting & Unhoused

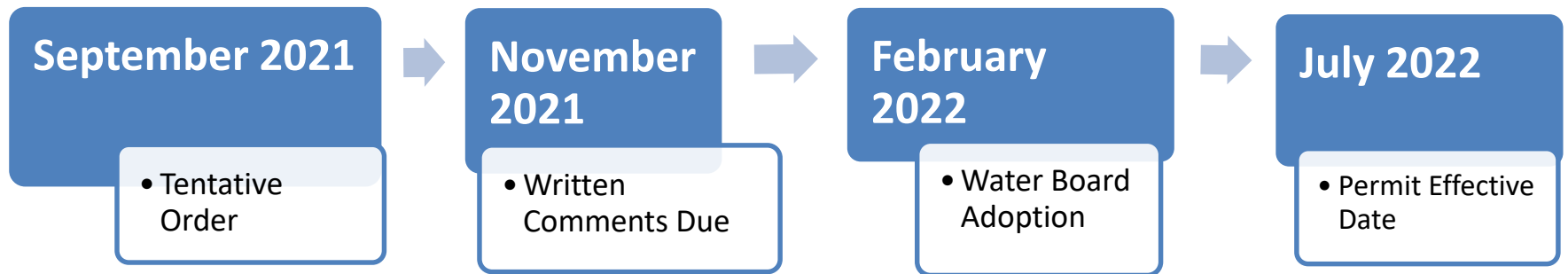
- Cost Reporting
 - Level of detail TBD
 - Framework for methodology, expectations, and guidance
- Unhoused (RVs, Encampments, etc.)
 - Track and report homeless data
 - Actions taken to address homelessness
 - Interdepartmental coordination

Next Steps

Recommendations to the Water Board:

- Additional time to comply by 2027
- Prioritize water quality measures for greater impact
- Eliminate administrative burdens

Tentative Permit Reissuance Schedule:



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