

STORM WATER AND CREEKS



LEAKTHROUGH™

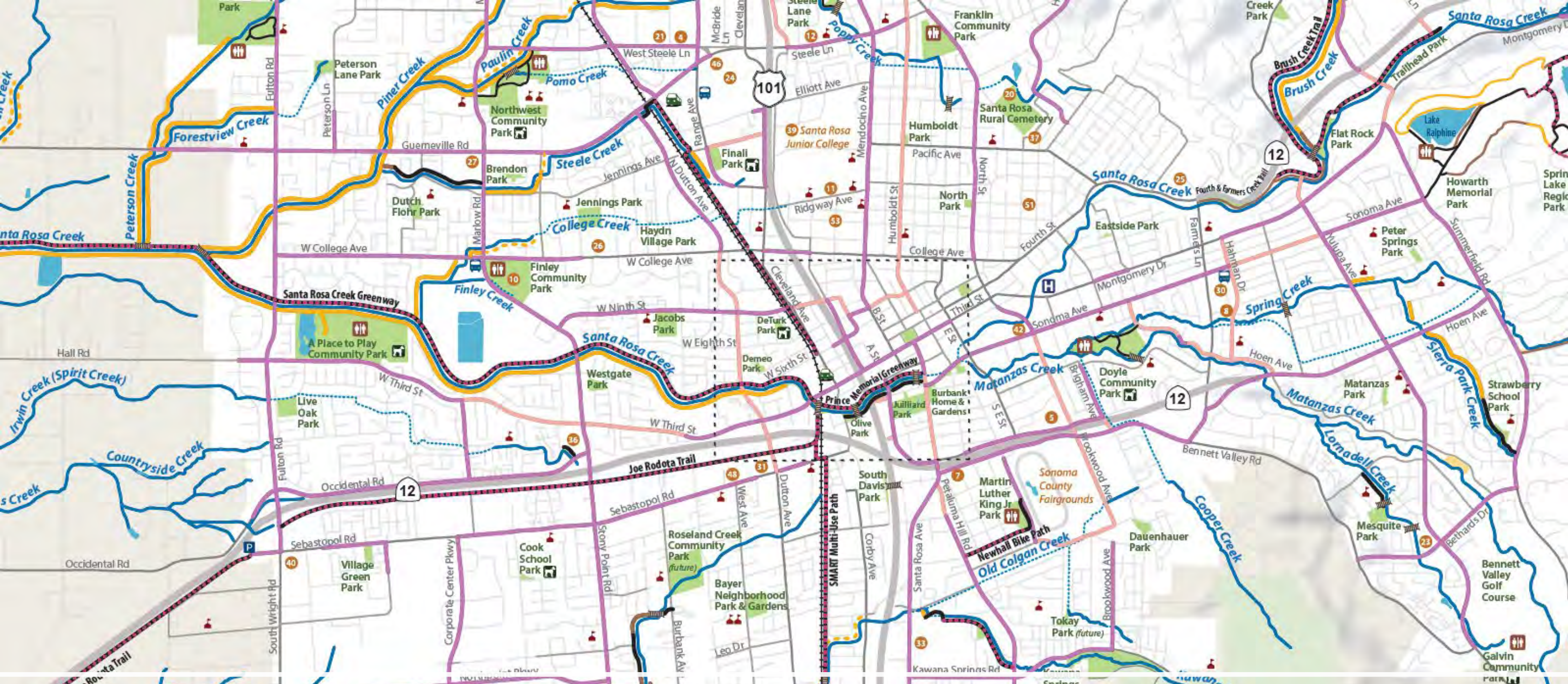
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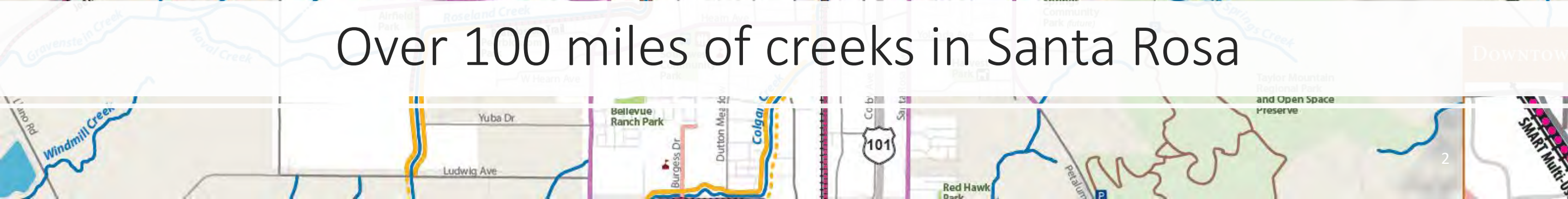
City Council Staff Briefing

July 13, 2021

Claire Myers, Storm Water & Creeks Manager



Over 100 miles of creeks in Santa Rosa





Mission

Making Santa Rosa a better place by enhancing creek health through restoration and community involvement, providing biological and engineering services, and managing storm water runoff to preserve and restore water quality and minimize flooding.



Storm Water Assessment Fund

- Annual parcel assessment for creek restoration, water quality improvement, and drainage improvements
- \$35.92 year/average household
- \$2.7 million last year
- Additional funding from the City's General Fund, CIP projects, and grants

Regulatory Permit Compliance

- Construction General Permit (CGP)
- Industrial General Permit (IGP)
- NPDES Municipal Separate Storm Sewer System (MS4)



Only Rain Down the Drain

Outreach and Education





Water Quality Monitoring

- Stream temperatures
- Bacterial and chemical analyses
- Visual flow monitoring
- Special studies
- Other water quality parameters

Cities of Cloverdale, Cotati, Healdsburg, Rohnert Park, Santa Rosa, Sebastopol, and Ukiah, County of Sonoma, Sonoma Water and Town of Windsor

May 2017 (Revised Dec 2020)

Storm Water Low Impact Development Technical Design Manual



Best Management Practices (BMPs)



Spill Response

- Staff investigation
- Education
- Clean-up
- Enforcement
- Follow-up



Biological and Engineering Support

- Environmental permitting assistance
- Screening of CIP and Development projects
- Surveys and assessments
- Post construction mitigation and monitoring
- Storm Drain Master Plan
- FEMA Flood Map Updates





Fire Response

- Review damage to infrastructure
- Prevent drainage into storm drain systems and creeks
- BMP design and assistance
- Free wattles for public





Restoration Projects

- Streamside
- Colgan Creek
 - Phase 1: Complete 2014
 - Phase 2: Under construction
 - Phase 3: TBD

Creek Stewardship Program - 2020

Group	# of Cleanups	Trash Removed (cubic yards)
Volunteers	42 events	71
Youth Corps	27 days	33
Storm Water and Creeks staff	112 times	306
Probation Department (SAC)	55 days	737
Total	236	1,147





OURS TO PROTECT



Questions?
