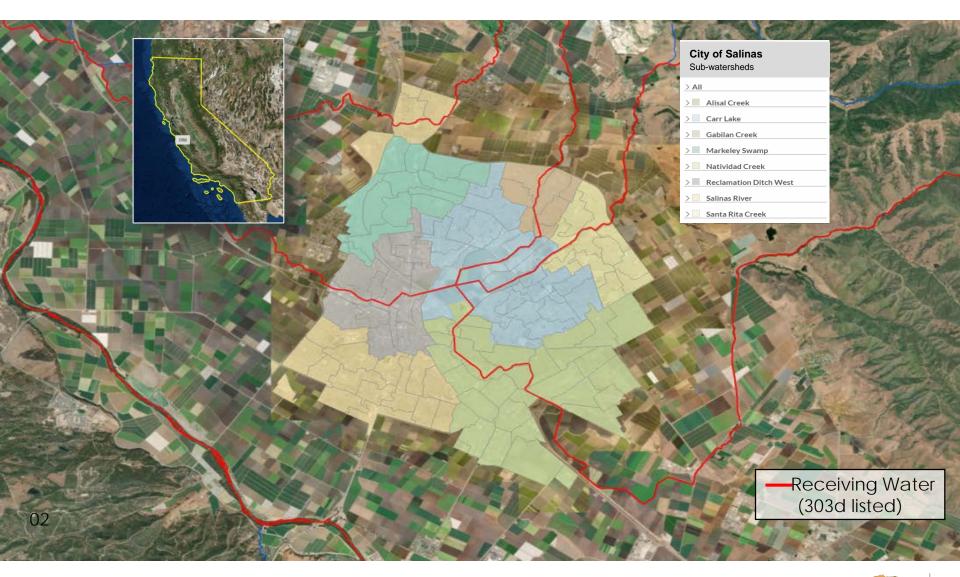
The quest to be a compliant, efficient, and cost-effective stormwater program

The evolution of stormwater management in the City of Salinas









Program Management *Then...*

- Program implementation fragmented and decentralized
- \$\$\$ spent to develop methods and plans that staff could not implement due to lack of knowledge
- More reports on the shelf







BMP Inspections *Then...*

- Hard-copy paper field sheets
- Manual data entry and generation of PDF documents
- Data not live and not easily analyzed







2NFORM

Simplified stormwater compliance to empower communities and inform change



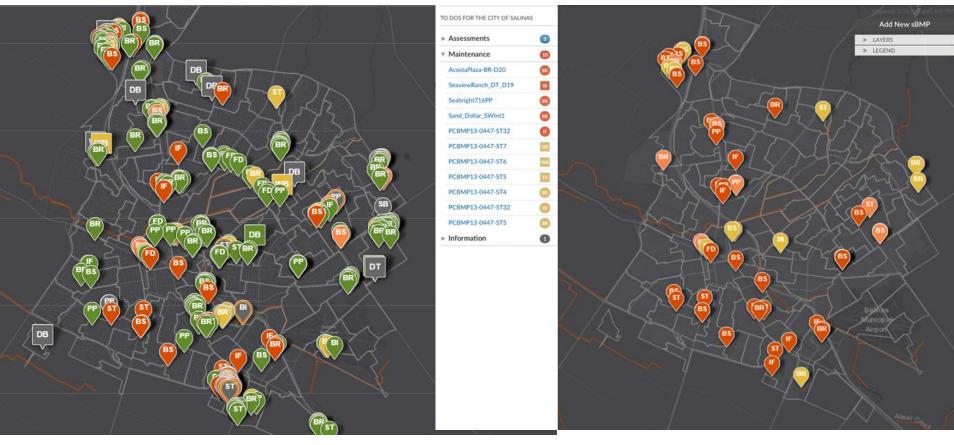


BMP Inspections Now...

Map-based mobile field assessments

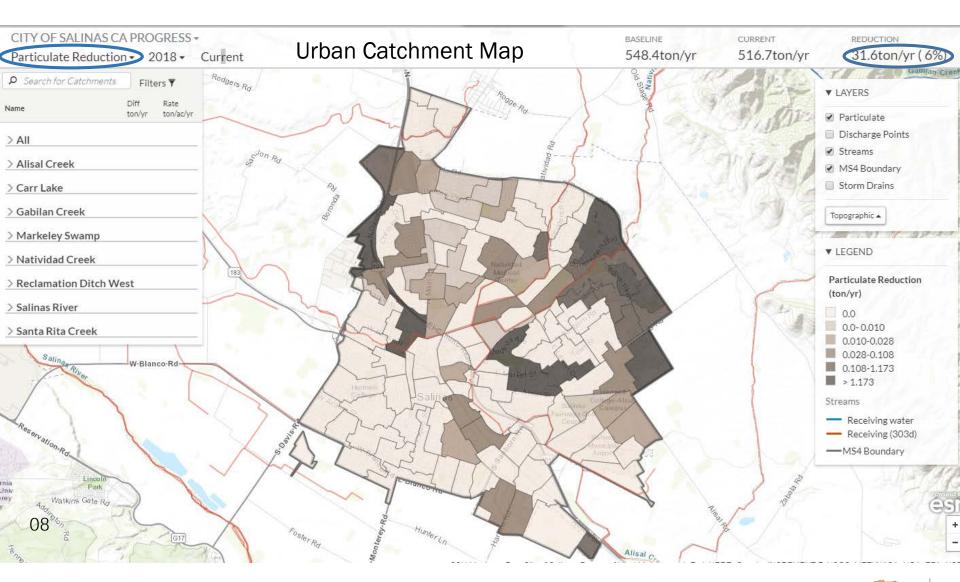


Over 300 structural BMPs inventoried, assessed in 6 months

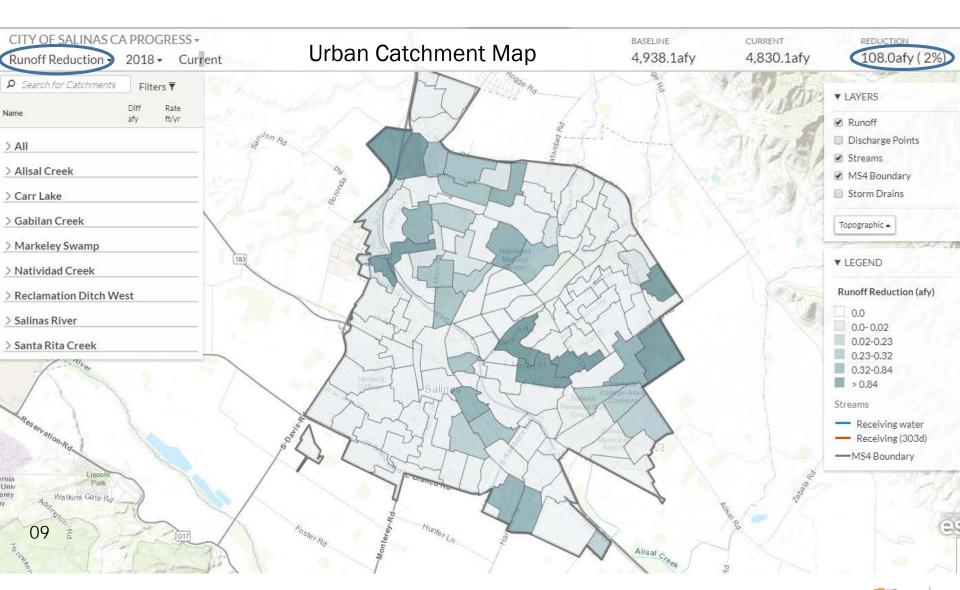








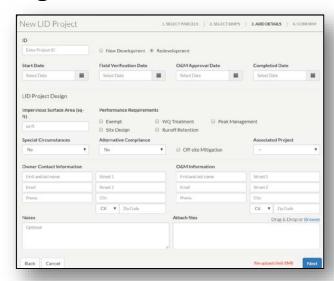


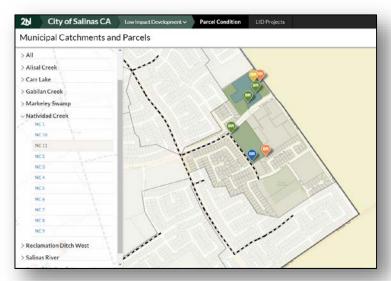




Information Management Now...

- Geospatial project tracking
- Link projects to existing or new structural BMPs (parcel-scale)
- Track LID features, design specs & performance standards, O&M agreements, and Maintenance Declarations







Simplified Runoff and Pollutant Model

2016 Baseline Loads

- No BMPs (structural or nonstructural)
- Identify high loading areas

2018 Loads

- Structural BMPs and effectiveness
- Non structural BMPs
 - Street Sweeping
 - LID Projects
 - Impervious Surface Disconnection

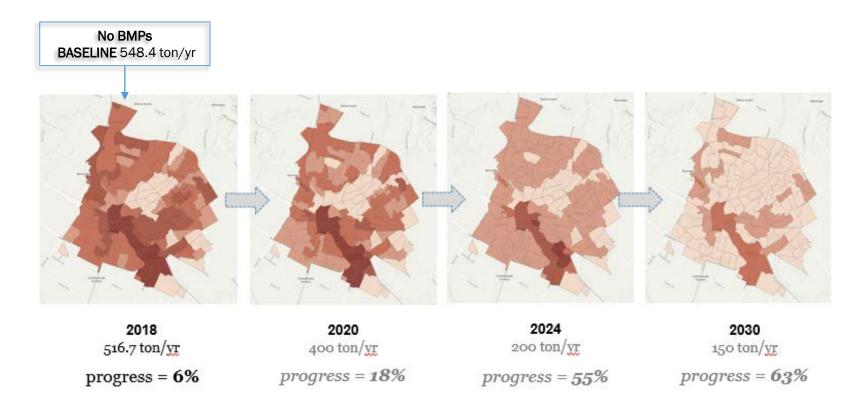








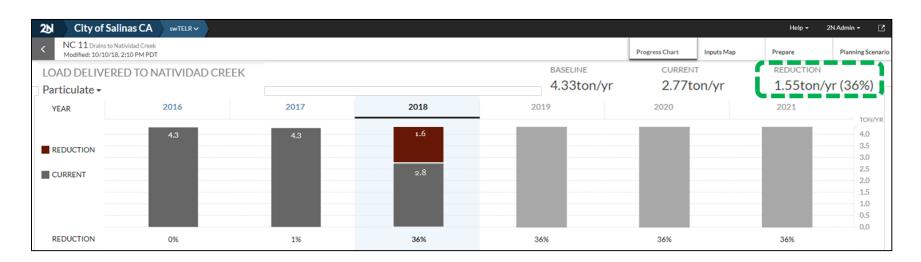
Performance-Based Stormwater Program



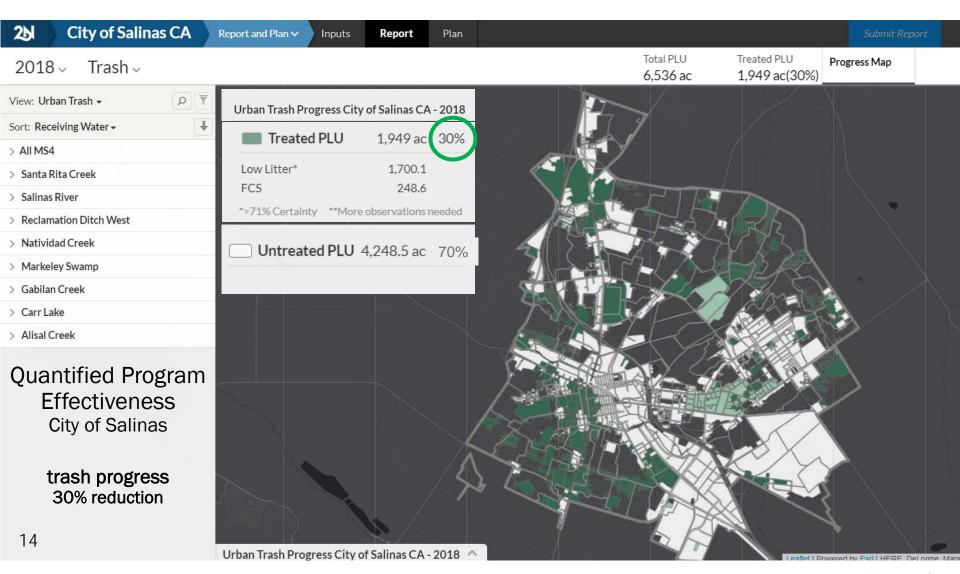


Stormwater Program Effectiveness Assessment

- Quantified annual runoff and pollutant load reductions
- Project planning scenario utilization
- Transparent progress tracking and online reporting





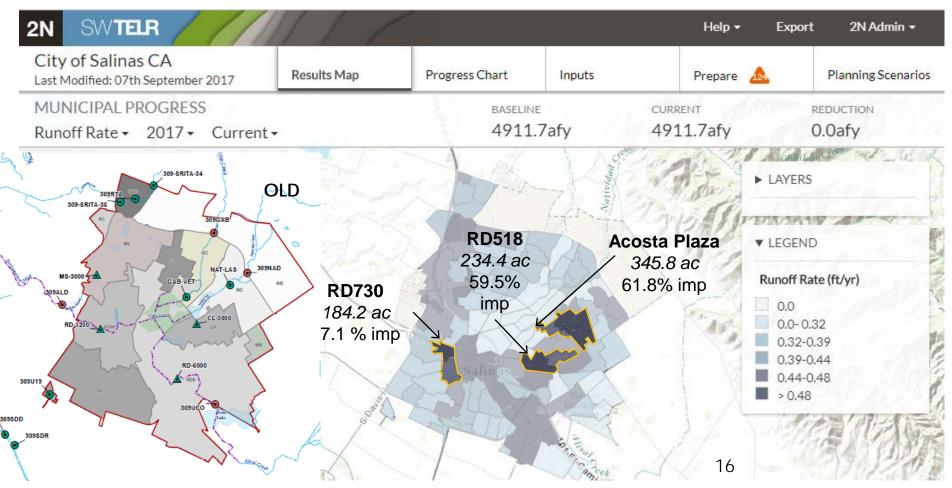






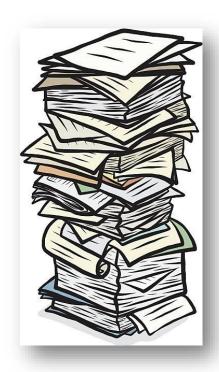


Smarter Water Quality Monitoring Program (outfall-based)





Annual Reporting *Then*...



FY16/17 and FY 17/18

- 2,000 3,000 pg PDF
- 3 months and
 10 staff to compile
- >1,000 staff hours

Annual Stormwater Report 2017 - 2018

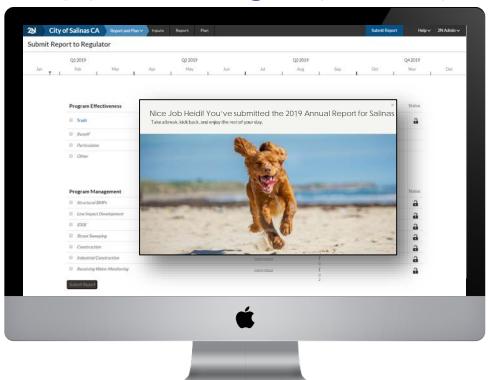
- **Final FY 2017-18 Annual Report Body Only** (7.15 MB)
- Appendix E-Municipal Maintenance (42.26 MB)
- Appendix F-Commercial And Industrial (16.38 MB)
- Appendix G-Residential (2.5 MB)
- Appendix H-Illicit Discharge Detection And Elimination (49.45 MB)
- Appendix J-Parcel Scale Development (2.02 MB)
- Appendix K-Construction Management (20.01 MB)
- Appendix M-Public Education And Public Involvement (918.02 KB)
- Appendix N-Trash Load Reduction (12.93 MB)
- Appendix O TMDLS (27.15 MB)
- Appendix P-Monitoring Effectiveness Assessment And Program Improvement (4.66 MB)
- Appendix S-Legal Authority (291.62 KB)

"Our annual report is where data goes to die"



Annual Reporting Soon...

Digital Reporting - Save paper, time and regulatory uncertainty





Salinas Stormwater Program Now...







