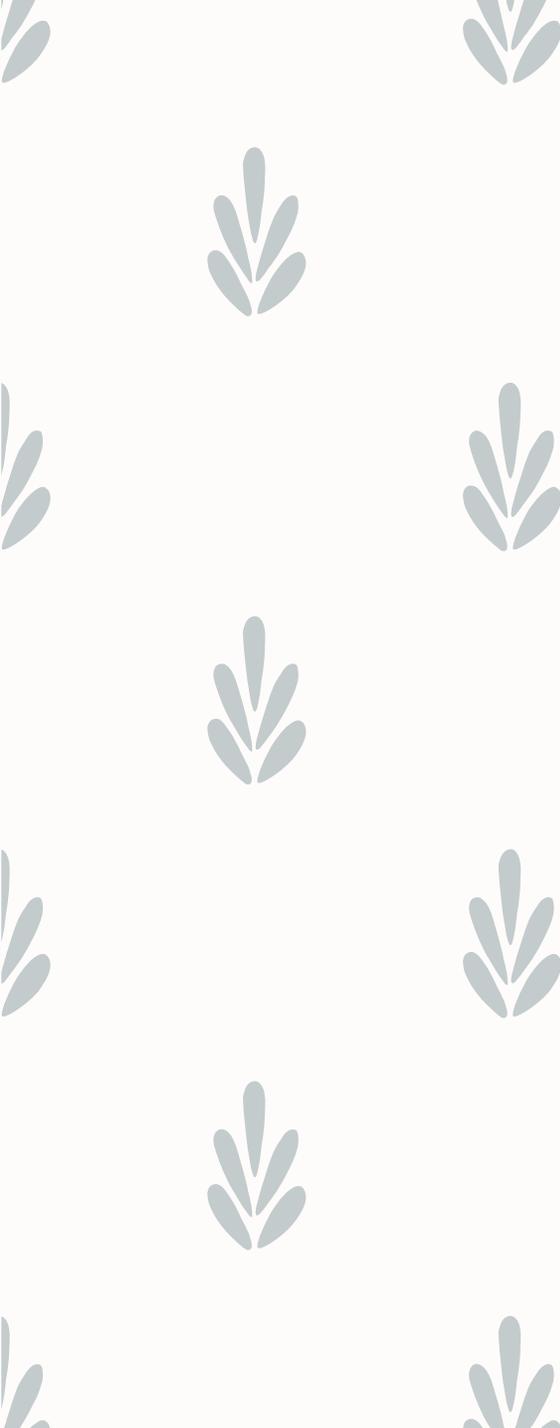




Sewer System Management Plan

Presented on September 5, 2019

South Placer Municipal Utility District
Regular Board Meeting



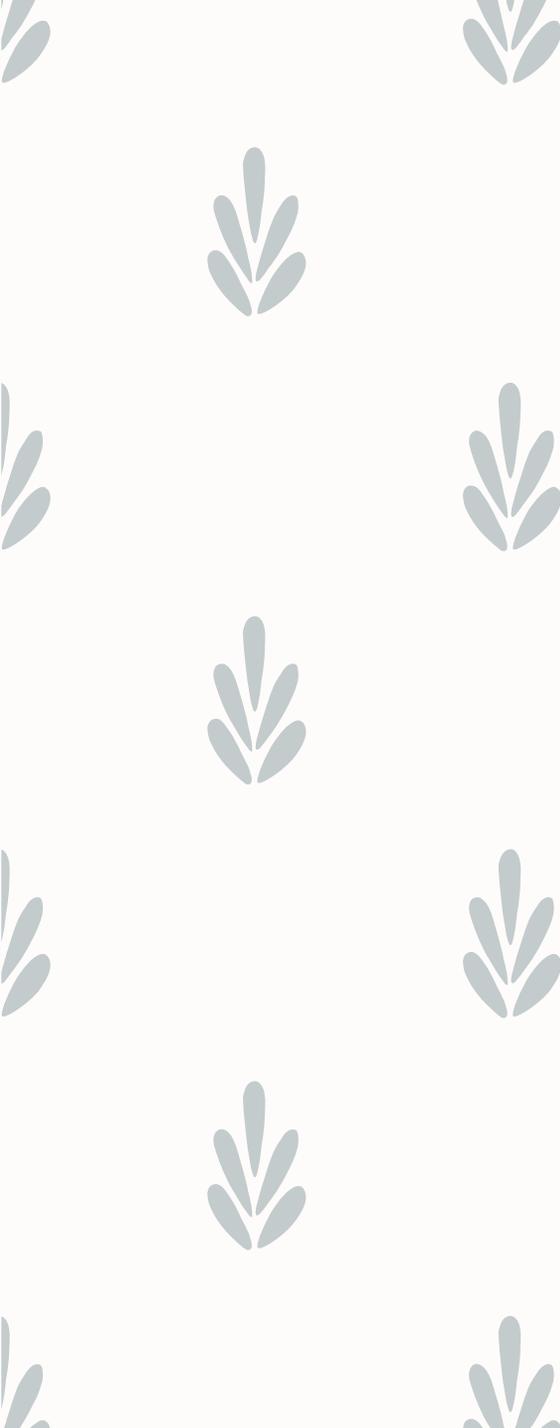
SSMP

Sewer System Management Plan

Statewide General Waste Discharge
Requirements (WDR)

Water Quality Order No. 2006-0003

SPMUD Enrolled in 2009



SSMP

Sewer System Management Plan

Purpose

To provide a system-wide management plan for the operation, maintenance, repair and replacement of the District's collection system

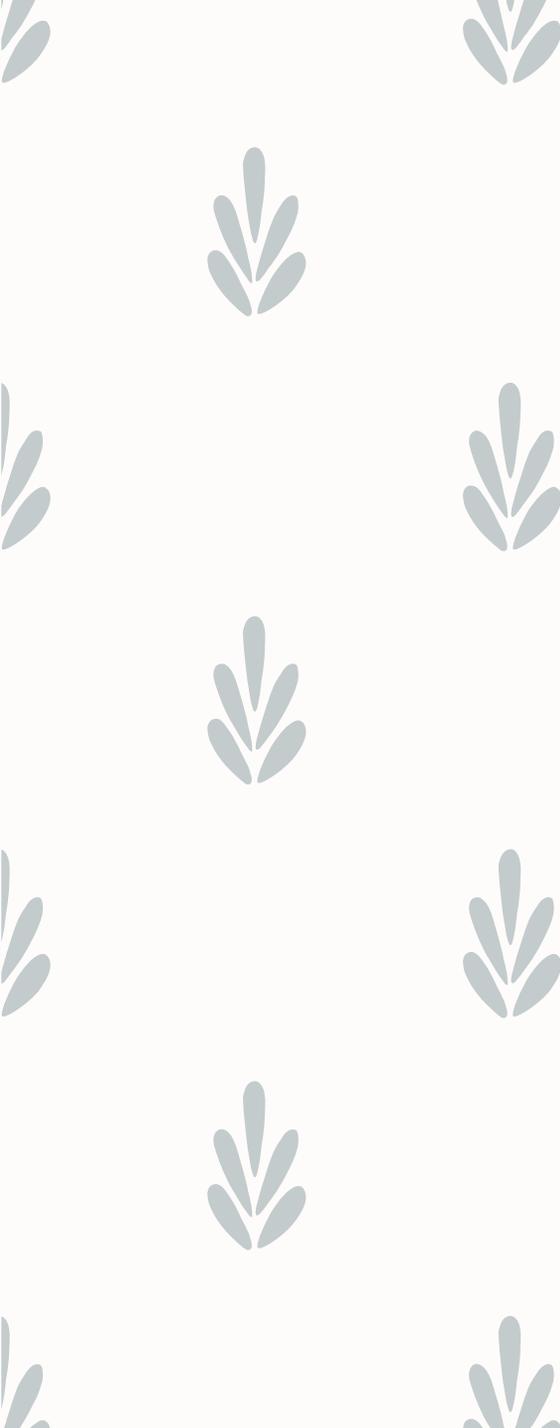
1. To reduce Sanitary Sewer Overflows (SSOs);
2. Protect Public Health & Environment; and
3. Improve overall Maintenance & Management of Sewer Systems

SSMP

Sewer System Management Plan

ELEMENTS

1. Goals
2. Organization
3. Legal Authority
4. Operation & Maintenance
5. Design and Construction
6. Overflow Emergency Response Plan
7. FOG Control Program
8. System Evaluation & Capacity Assurance
9. Monitoring, Measurement & Program Modifications
10. SSMP Program Audits
11. Communication Program



SSMP

SEWER SYSTEM MANAGEMENT PLAN

Referenced District Documents

1. 2018 Strategic Plan
2. System Evaluation & Capacity Assurance Program
3. Five Year Financial Plan
4. Maintenance Programs
5. Standard Specifications
6. MUD Act

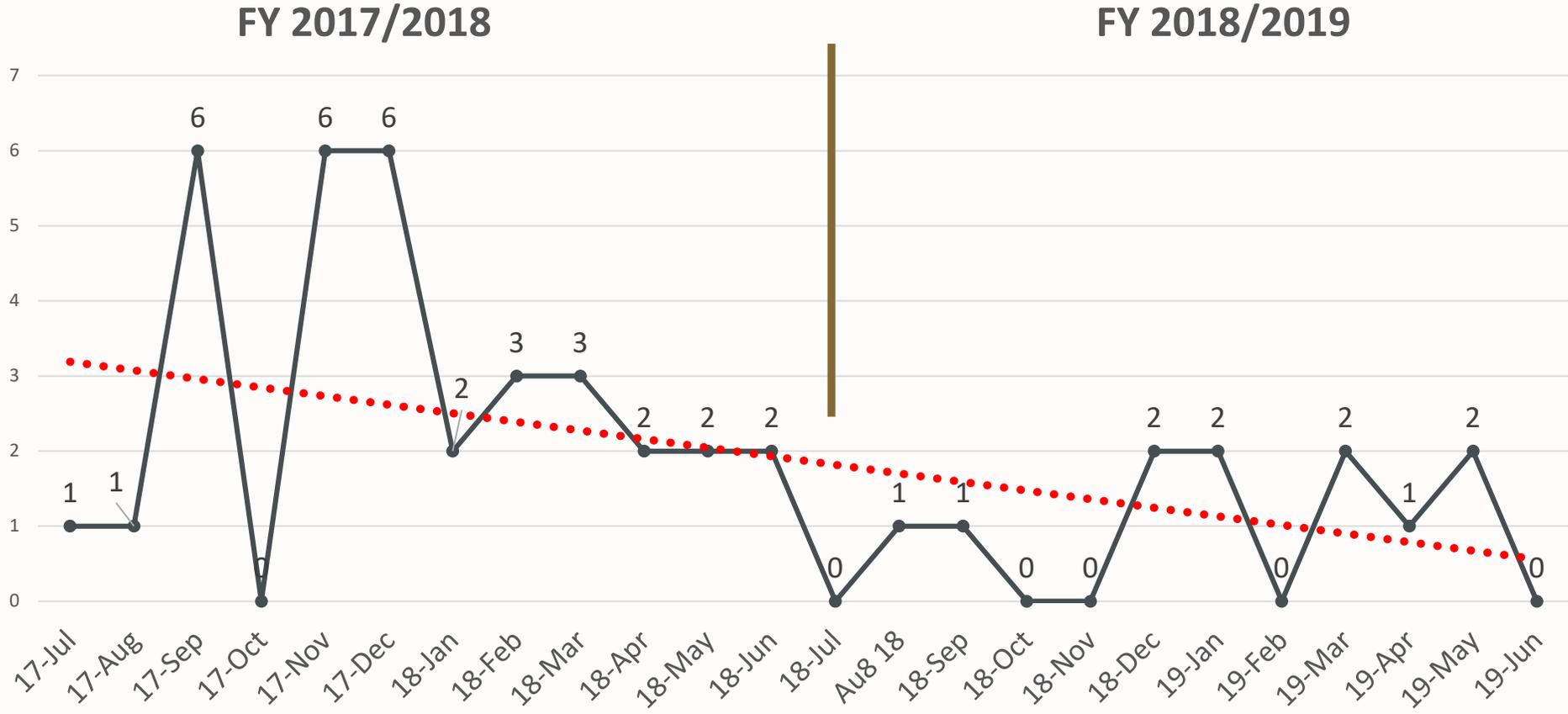
SSMP

Audits – Required Every Two Years

1. Are We in Compliance?
2. Are Our Programs Effective?
3. If deficiencies are found, are they being addressed?

Audits performed: 2011, 2013, 2015, 2017,
2019 (In progress)

24-Month SSO Trend



34 SSOs

12 SSOs

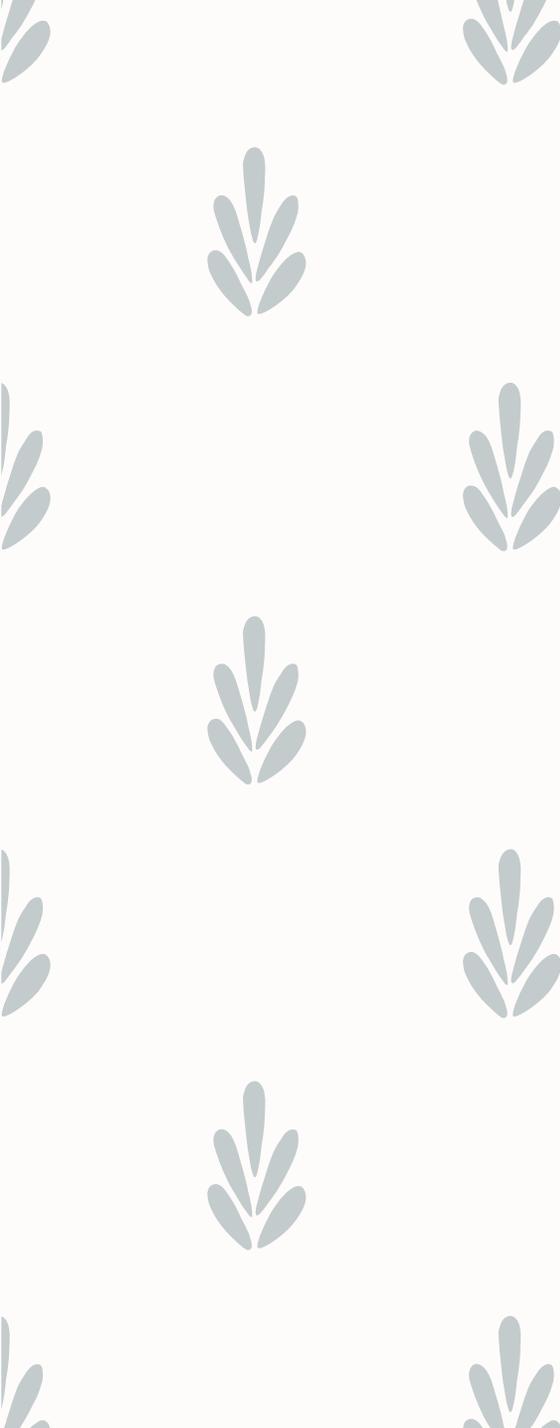
State Water Board Website

Collection System Spill Summary

Operational Indices: South Placer Mud CS

Spill Rate Indice (spills/100mi/yr)									
	Category 1			Category 2			Category 3		
	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified
South Placer Mud CS	0.0	0.96	0.0	0.0	0.0	0.0	0.0	9.62	0.26
State Municipal (Public) Average	4.97	3.85	3.25	2.43	0.46	5.72	5.42	23.8	2.32
Region Municipal Average	6.09	4.11	9.29	4.05	0.46	4.24	5.5	40.42	5.68

Net Volume Spills Indice (gallons/1000 Capita/yr)									
	Category 1			Category 2			Category 3		
	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified	Mainlines	Laterals	Not Specified
South Placer Mud CS	0.0	0.41	0.0	0.0	0.0	0.0	0.0	1.48	0.03
State Municipal (Public) Average	4514.93	617.66	2959.47	1608.22	0.03	29198.8	24.55	1.71	12.41
Region Municipal Average	8594.12	1449.15	15514.46	4773.3	0.03	73823.85	25.14	0.0	55.56



SSMP

Questions?