



Montecito Sanitary District

Collection System Strategic Plan Presentation

Wednesday, July 22nd, 2026

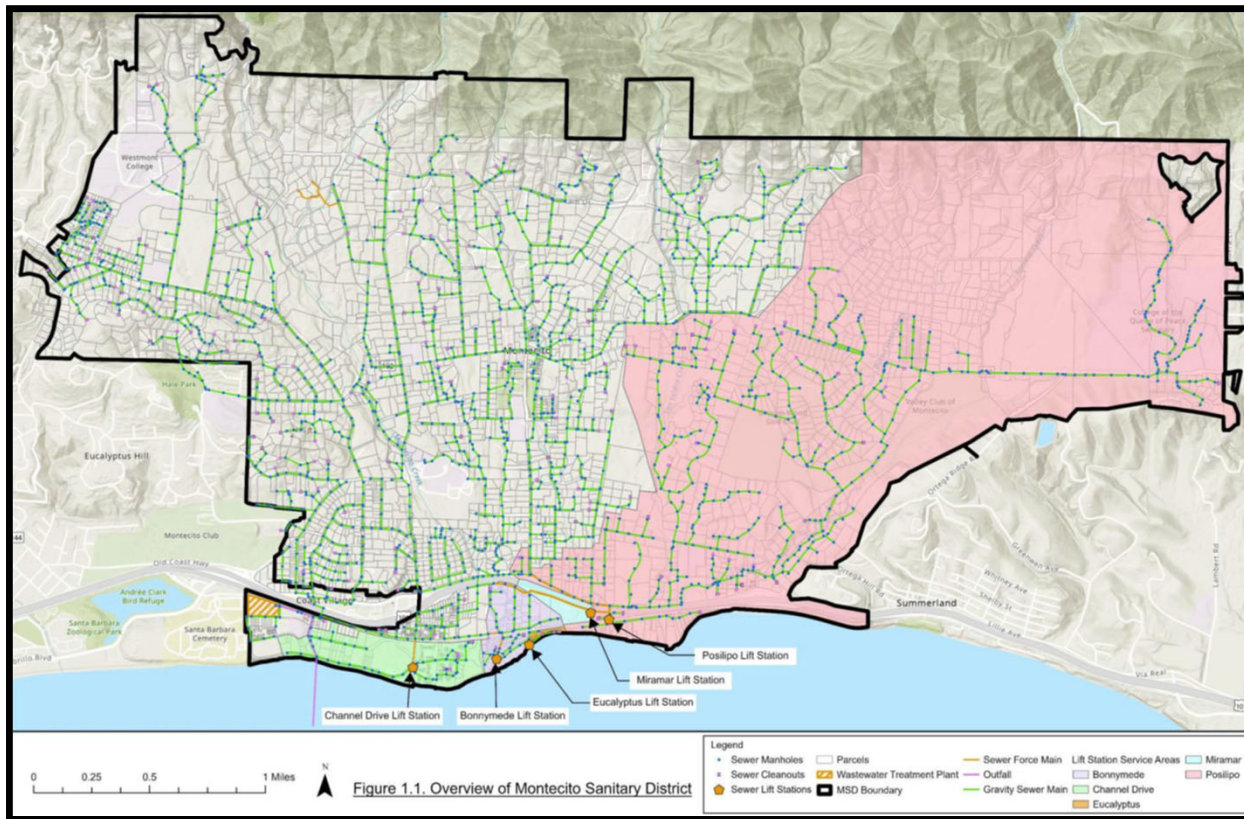
Agenda

- I. MSD Collection System Map
- II. District Mission and State Regulation Drivers
 - ▶ Mission Statement
 - ▶ Regulatory Requirements
- III. Relevant MSD Strategic Priorities, Goals, and Objectives
 - ▶ Operational Sustainability
 - ▶ Future Treatment Determination
 - ▶ Financial Auditing
- IV. The Studies to Inform our Planning
- V. Planning Efforts to Date
- VI. Future Execution Efforts
 - ▶ Master Plan - Dry-weather Capacity
 - ▶ Master Plan - Wet-weather + Septic to Sewer Connections
- VII. Board Policy Considerations
 - ▶ Septic to Sewer Strategic Plan
 - ▶ Collection System Master Plan
- VIII. Questions and Discussion

MSD Collection System Map

Info

- ▶ Established 1947
- ▶ Service area of 8.9 square-miles primarily residential
 - ▶ Approx 8,600 residents; 3,185 properties
- ▶ 74.1 miles of gravity sewer mains
 - ▶ 56% of segments before 1964
 - ▶ ~34 miles Vitrified Clay Pipe
- ▶ 4.3 miles sewer force mains
- ▶ 27.25 miles rehabilitated (lined) pipe
- ▶ 5 lift stations
- ▶ 1,550 ft outfall



District Mission and State Regulation Drivers

1. District's Mission Statement:

A community service commitment to protect public health and safety and to preserve the natural environment through the collection, treatment and disposal of wastewater in the most cost-effective way possible.

2. Regulatory Requirements:

- Clean Water Act (CWA) - EPA
- State Water Resources Control Board (SWRCB)
 - i. Waste Discharge Requirements (WDR)
 - ii. National Pollutant Discharge Elimination System (NPDES) Permit

Relevant MSD Strategic Priorities, Goals, and Objectives

1. Operational Sustainability

- b) Renew NPDES permit (due 2027)
- c) Complete Collection System Master Plan
- d) Implement Collection System Master Plan

2. Future Treatment Determination

- c) Complete Septic to Sewer Strategic Plan and develop a CIP project plan

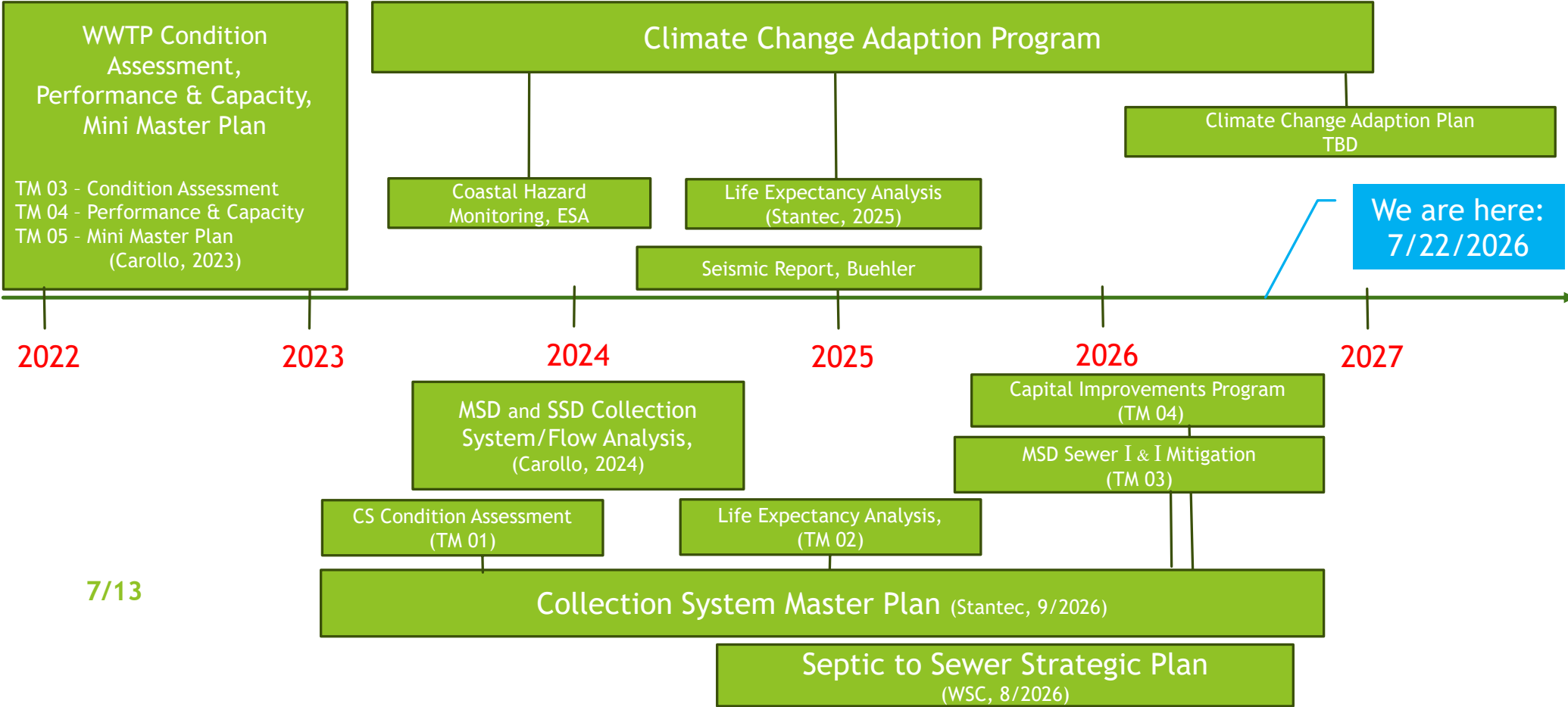
6. Financial Auditing

- c) Consider changes to Ordinance 19 to shift sewer main extensions to affected properties

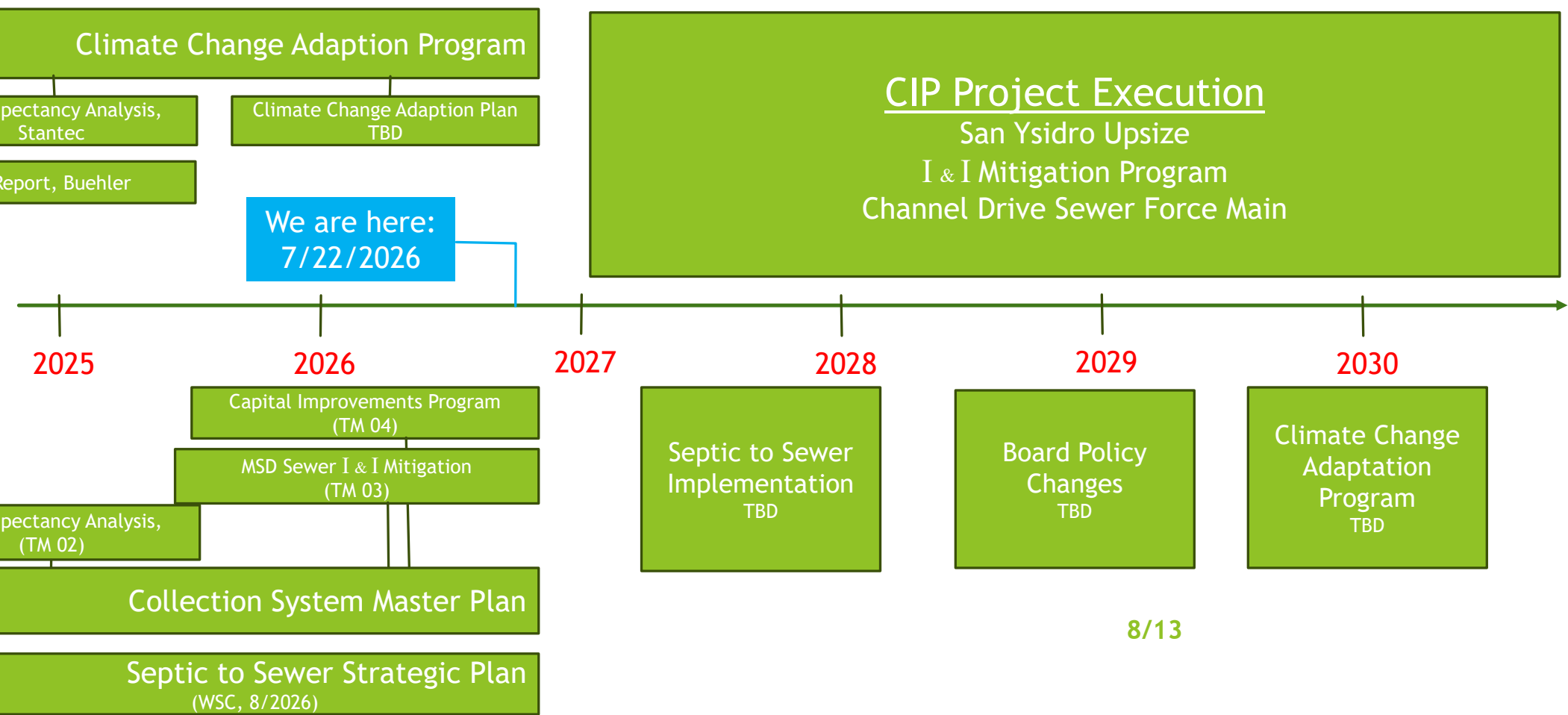
The Studies to Inform our Planning

1. WWTP Condition Assessment/Performance & Capacity/Mini Master Plan
 - i. Technical Memos (TMs) 03-05 of Carollo Report, 2023
 - ii. Seismic Risk Assessment & Evaluation (Buehler, 2025)
2. SSD & MSD Collection System/Flow Analysis for MWD Reuse (Carollo, 2024)
3. Climate Change Adaptation Program
 - i. Phase 1, Coastal Hazards Monitoring (ESA, 2024)
 - ii. Phase 2, Life Expectancy Analysis (Stantec, 2025)
 - iii. Phase 3, Climate Change Adaptation Plan (TBD, 2027)
4. Septic to Sewer Strategic Plan (WSC, estimated 8/2026)
5. Collection System Master Plan (Stantec, estimated 9/2026)
 - i. Condition Assessment (TM1)
 - ii. Life Expectancy Analysis (same as 2025 Stantec report)
 - iii. MSD Sewer Infiltration and Inflow Mitigation (TM 3)
 - iv. Capital Improvements Program (TM 4)

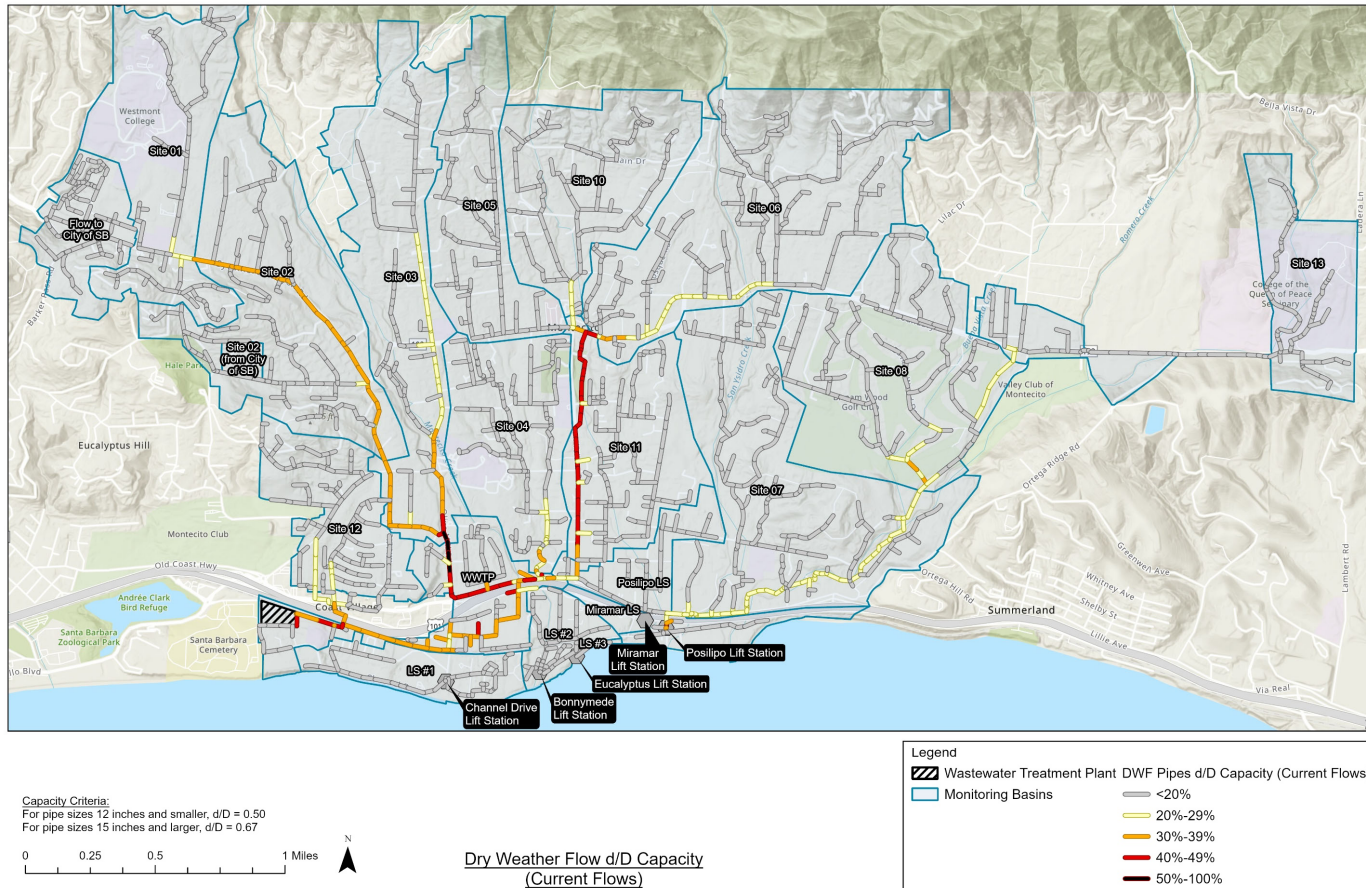
Planning Efforts to Date



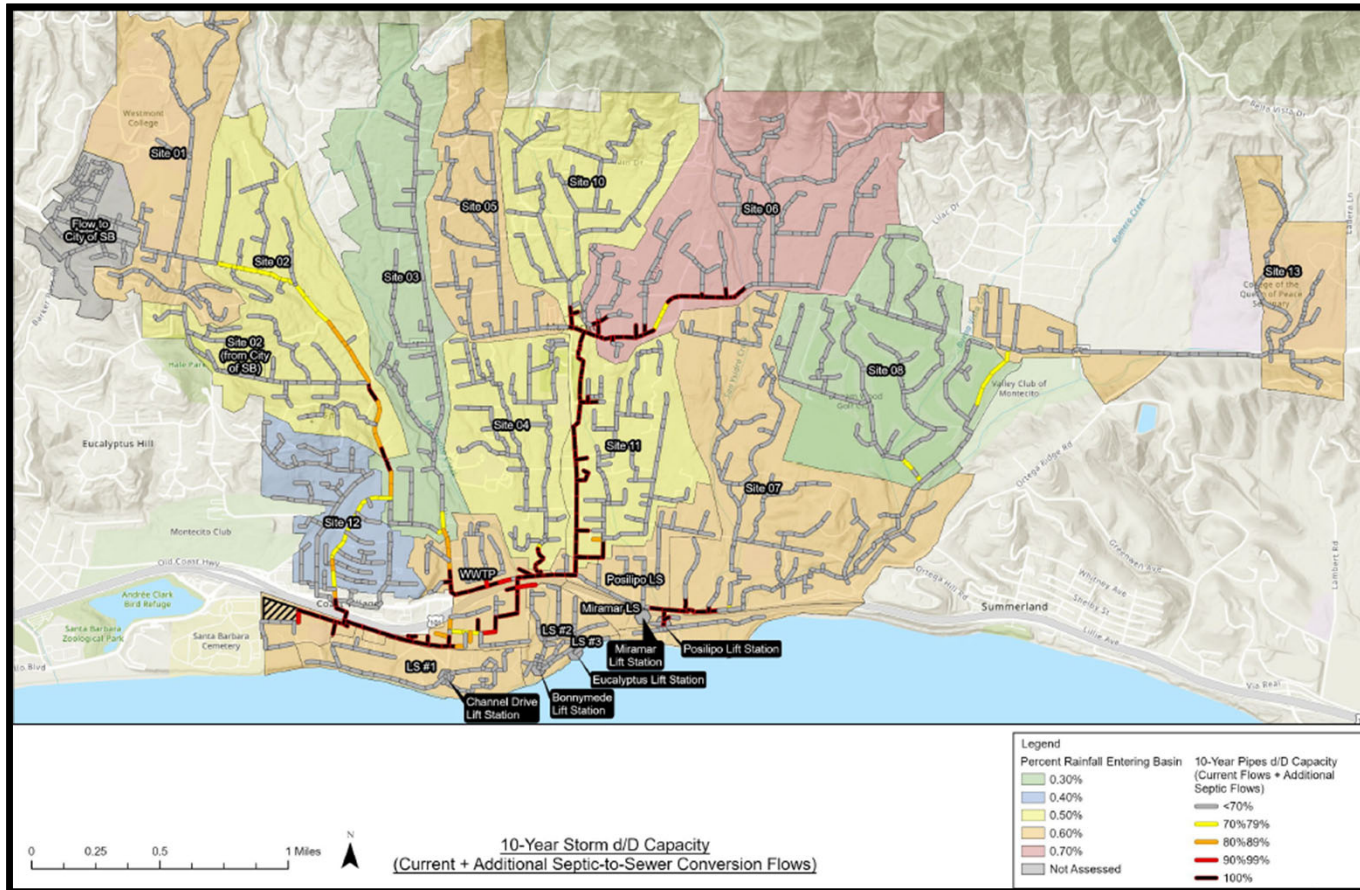
Future Execution Efforts



Master Plan - Dry Weather Capacity



Master Plan - Additional Septic to Sewer Connections and Wet-Weather



Board Policy Considerations - Septic to Sewer

- ▶ Board sets the strategic direction and funding philosophy
 - ▶ Financial Considerations:
 - ▶ Ordinance 19?
 - ▶ WRDA funding utilization
 - ▶ Design cost - District or Customer paid
 - ▶ Minimum threshold of customer support to proceed with sewer extensions
 - ▶ Project Scale/Timeline/Resource Considerations
 - ▶ How fast should these projects happen?
 - ▶ Should the District manage these projects?
 - ▶ Staff capacity
 - ▶ Community Outreach

Board Policy Considerations - Collection System Master Plan

- ▶ Board sets the strategic direction and funding philosophy
 - ▶ Financial Considerations
 - ▶ Long term financial plan
 - ▶ Asset Management and Capital Improvement Project Philosophy
 - ▶ What type of risk does the Board find acceptable?
 - ▶ How much should climate risk affect decision making?
 - ▶ How should we pursue I&I, particularly illegal connections?
 - ▶ Community Outreach

Questions and Discussion