



**Underground Flow Equalization System  
Environmental Impact Report**  
Public Scoping Meeting  
October 2, 2018

## Scoping Meeting Agenda

- Welcome\* and Introductions
- Underground Flow Equalization System (UFES) *(formerly In-System Storage Project)* Update
- CEQA Process Overview
- Questions Regarding Presentation
- Formal Public Scoping Comments on the Upcoming Environmental Impact Report

\*Please Note: This meeting is being audio recorded

# Community Outreach Channels - Effectiveness Polling

- Mailed Flyer
- Ad in *San Mateo Daily Journal* and/or *Examiner*
- City or Clean Water Program (CWP) Website & Events Calendar
- Press Release & Articles
- Social Media
  - *Nextdoor, Facebook, Twitter*
- CWP E-Newsletter
- San Mateo Citywide E-Newsletter
- City Staff Emails to HOA & Neighborhood Representatives
- SMUHA



# What is the Clean Water Program?

The Clean Water Program is a comprehensive plan to upgrade the aging wastewater collection and treatment system with advanced infrastructure that will provide reliable services for years to come.

The Goals of the Clean Water Program are to:



**Replace** aging infrastructure and facilities



**Build** wet weather sewer system capacity assurance to prevent overflows



**Meet** current and future regulatory requirements



**Align** with the City of San Mateo and Foster City's sustainability goals

# Why Is the Project Needed?



**Sanitary Sewer  
Overflow (SSO)**

- Increase sewer system capacity to handle wet weather flow.
- Meet current regulatory requirements.
- Improve safety and reliability of the collection system and reduce discharges of raw sewage in San Mateo and to the Bay.
- Allow temporary holding for other projects and routine maintenance.

# What Is the Project?

- Approximate 5.3 million gallon underground temporary holding structure
- Continuous odor control facilities
- New diversion sewer pipelines and force main
- Above-ground electrical building



## Where is the Project? Site Selection Process

- **55** potential locations based on sufficient space (2014-2016)
- **12** shortlisted locations evaluated based on technical requirements (2016)
- **5** highest-rated locations further evaluated, including public input (2016)
- **2** locations recommended for further evaluation (December 2016 / January 2017)
- **Final** location selected to proceed through final design by Public Works Commission and City Council (June/July 2017)



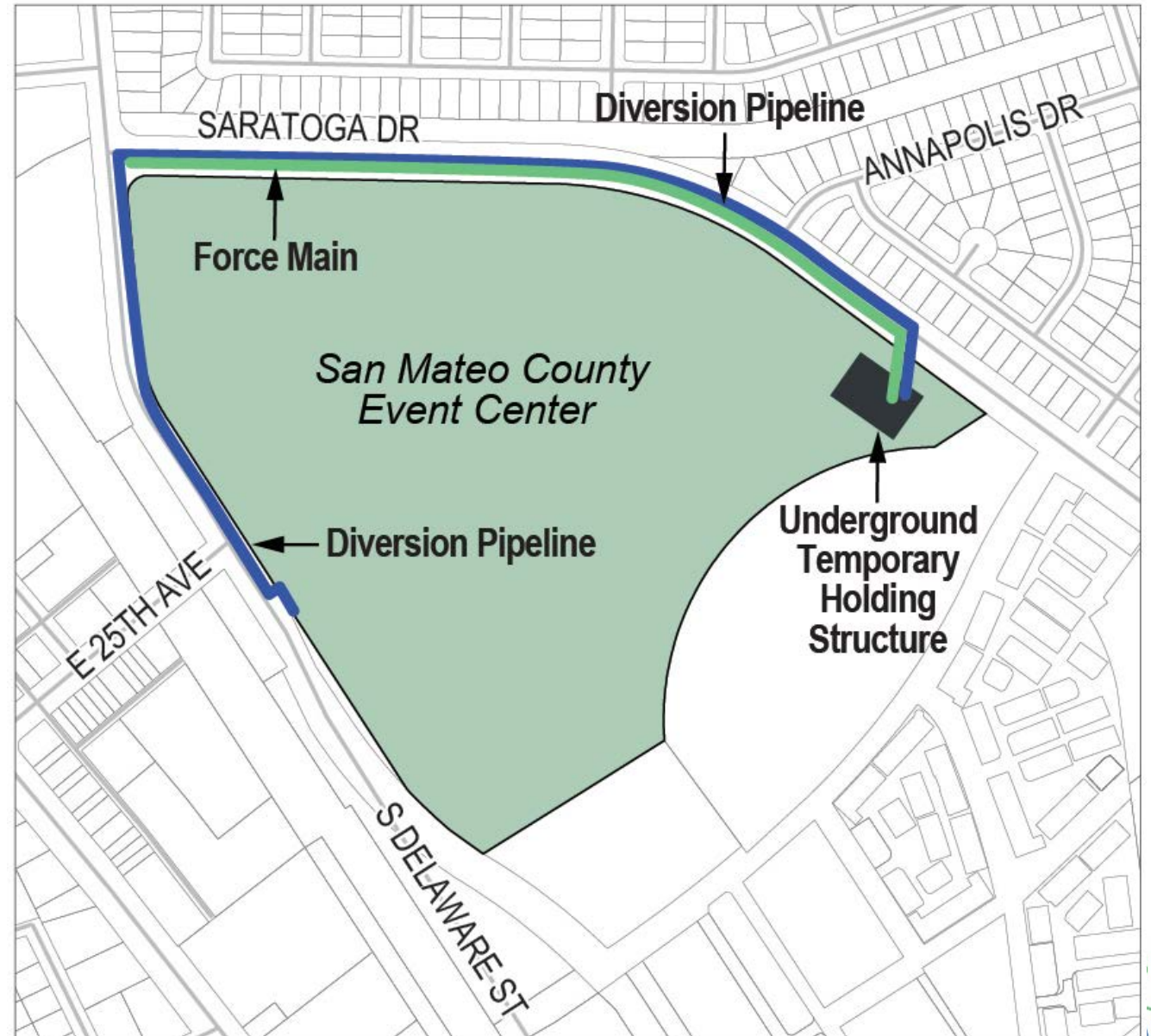
## Where Is the Project?

- City Council selected the location of the underground structure
- Diversion pipelines along Saratoga Drive and Delaware Street



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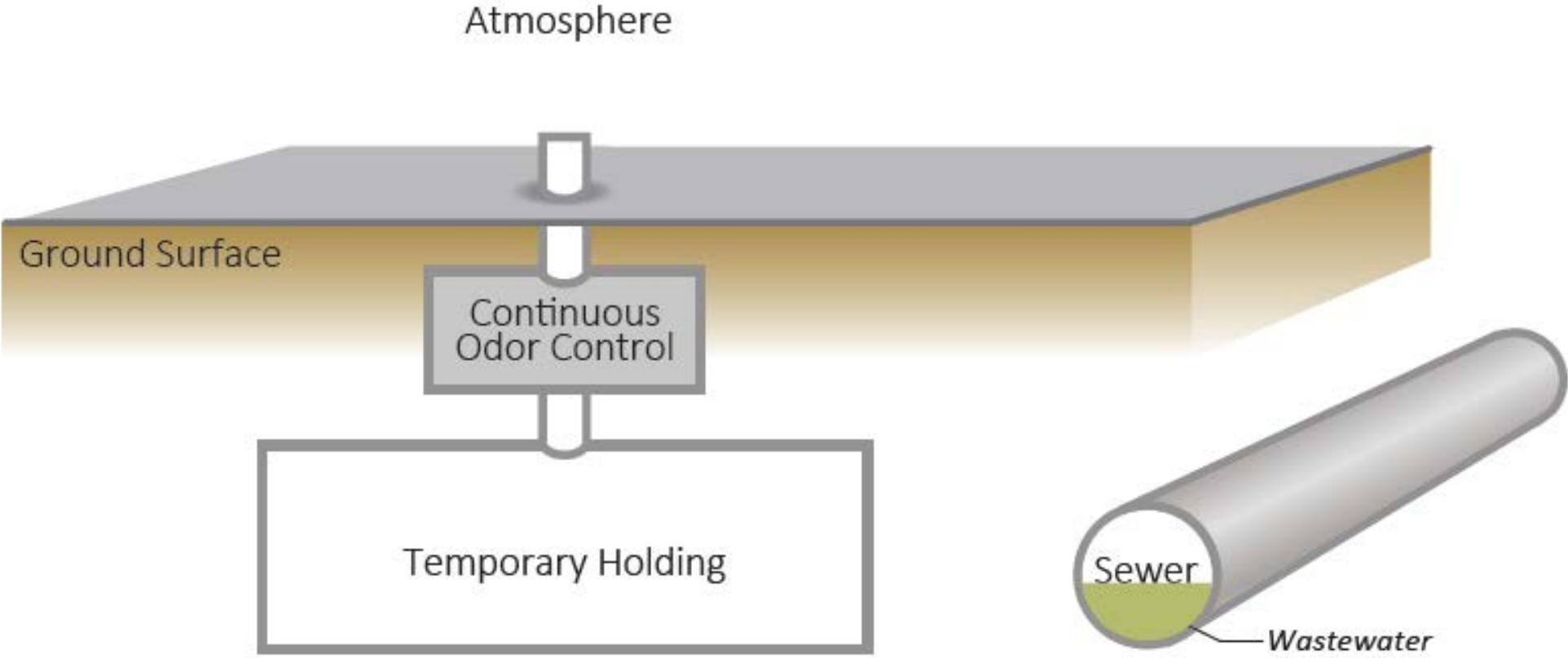
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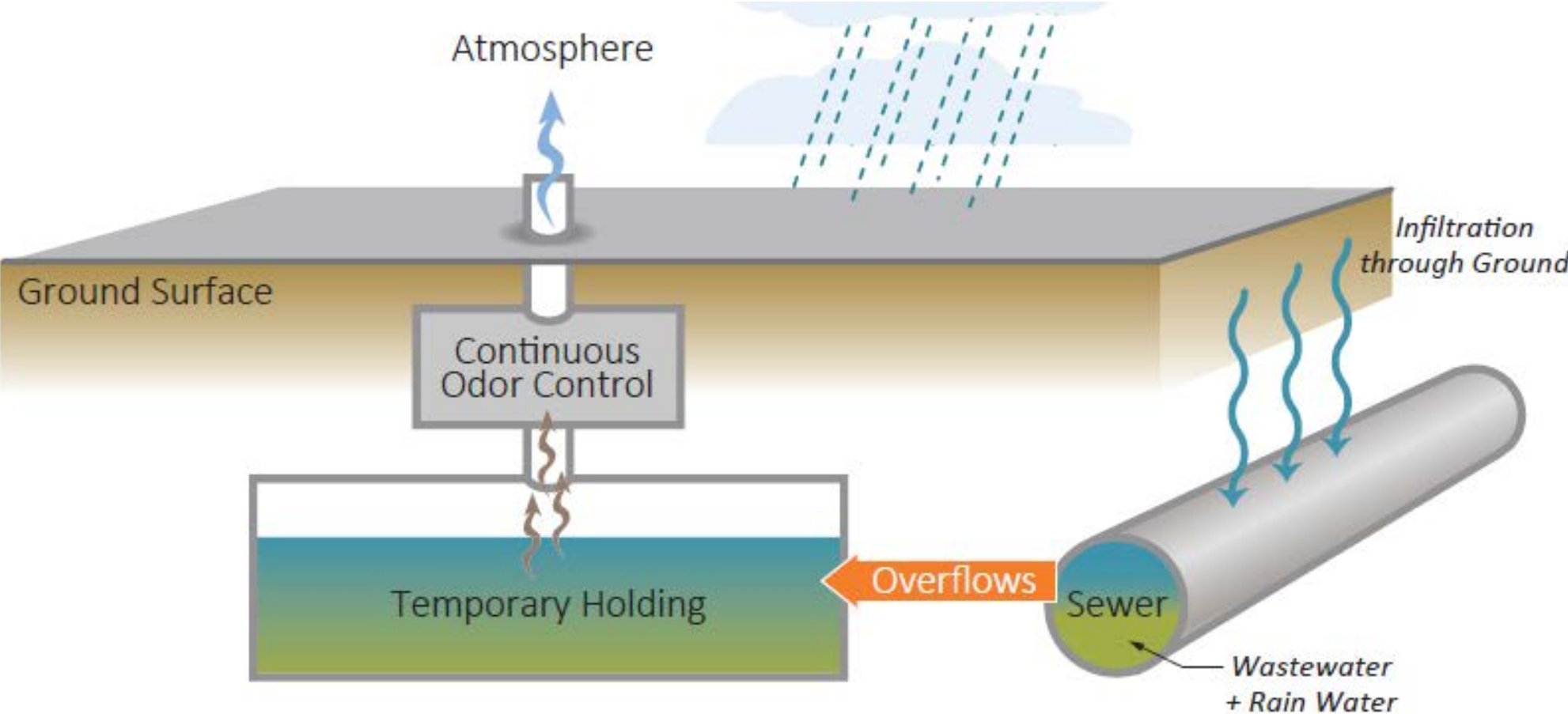
# Where Is the Project? Conceptual Layout



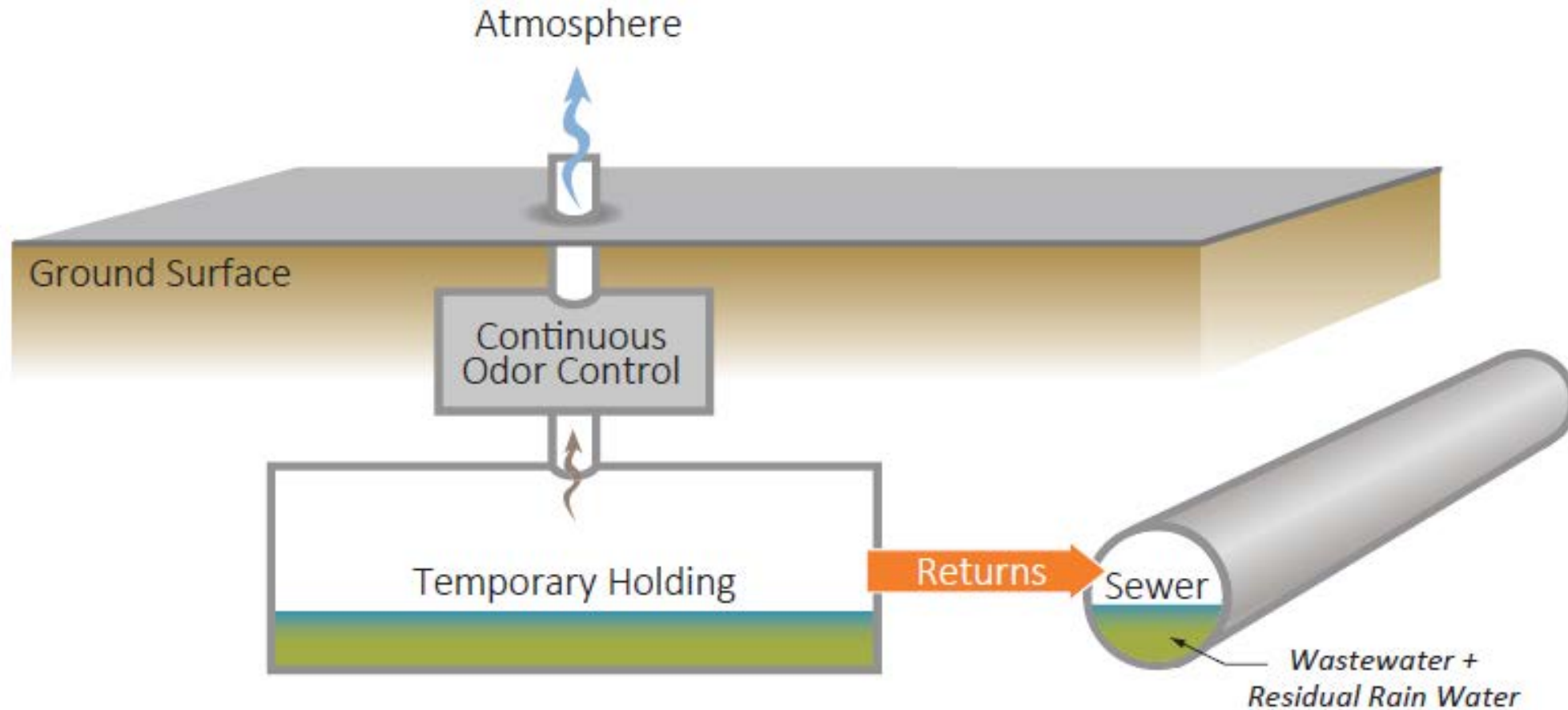
# How it Works: During Normal Conditions



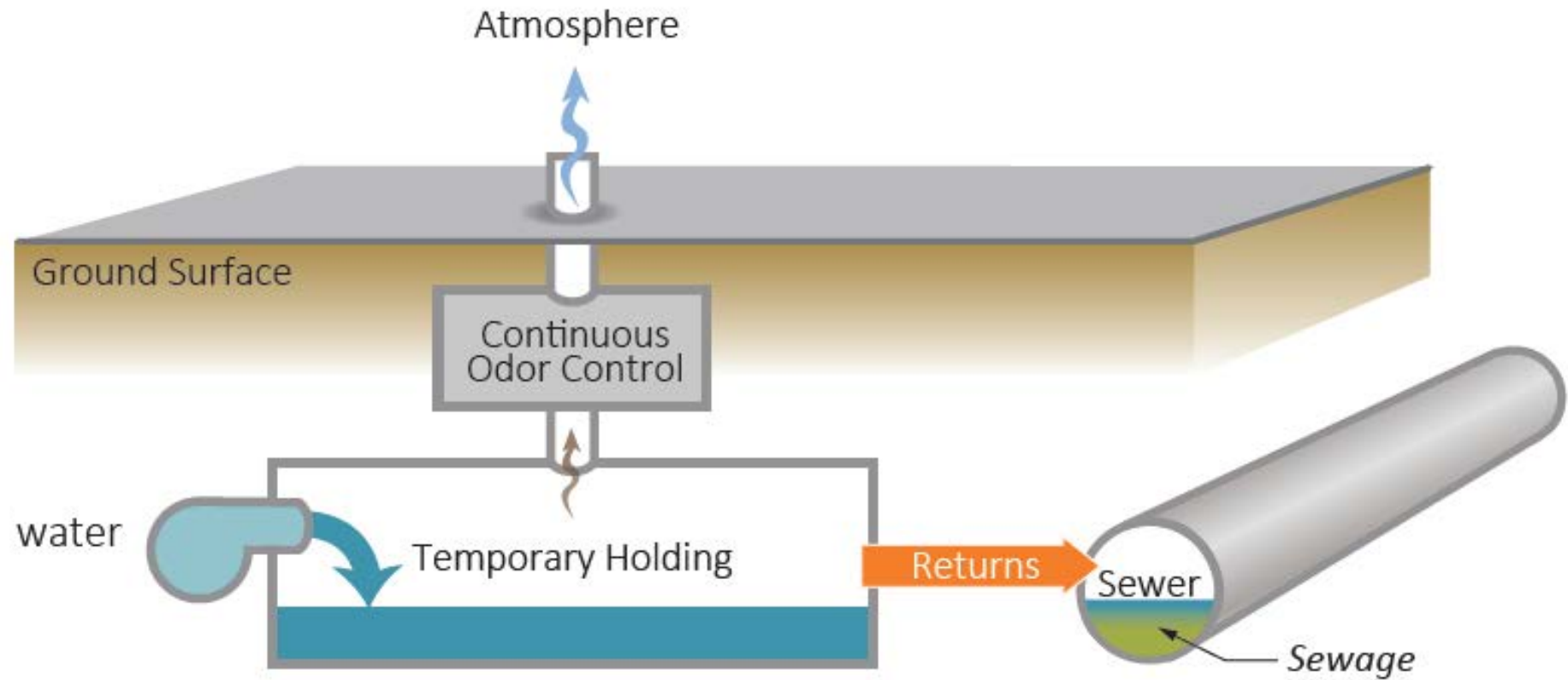
# How it Works: During Heavy Rains (Peak Wet Weather)



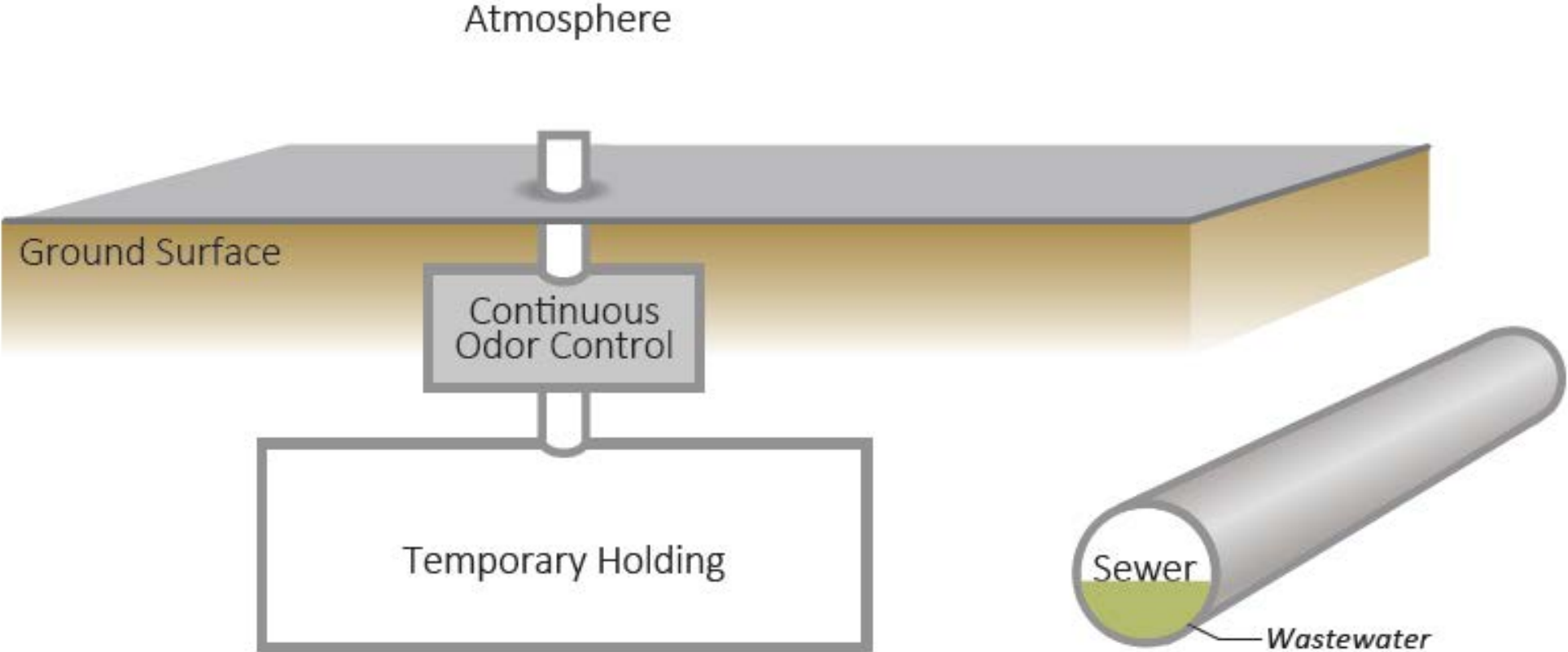
# How it Works: After Heavy Rains or Maintenance Diversion



# How it Works: Self-Cleaning After Any Use



# How it Works: Back to Normal Conditions After Cleaning





# What to Expect: Facility Operations & Maintenance

- Estimated frequency of use is less than 20 times per year, depending on weather conditions and routine maintenance needs
- Temporarily holds flows for up to 24 hours
- Holding structure cleaned with the tipping buckets and emptied after each use
- Inspection of the interior of the structure would occur following each event

# What to Expect: Examples of Visible Features



Example of ground-level air-tight vault access hatch (typically closed)



Example of concrete masonry wall material for the electrical building

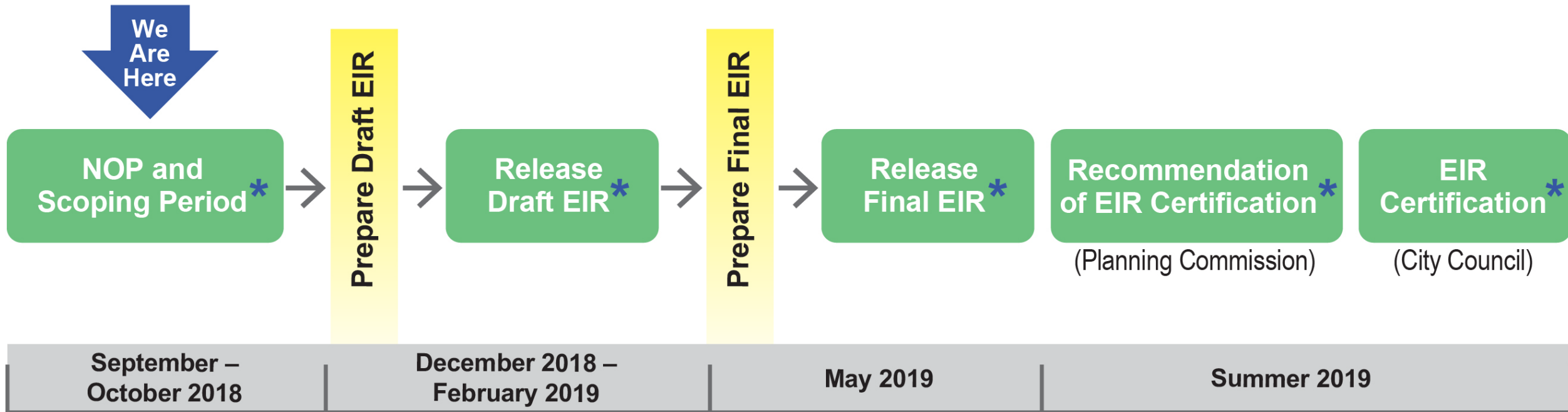
# CEQA Process Overview

## What is CEQA?

The California Environmental Quality Act (**CEQA**) was passed in 1970 and instituted a statewide policy of **environmental protection**.

Requires state and local agencies to analyze and publicly disclose **environmental impacts of proposed projects and adopt all feasible measures to mitigate those impacts**.

# CEQA Process, Expected Timeline, and Public Input Opportunities



\* Opportunities for public involvement and input

CEQA = California Environmental Quality Act  
NOP = Notice of Preparation  
EIR = Environmental Impact Report



# Resource Areas Typically Addressed in EIR

- Aesthetics
- Air Quality
- Biological Resources
- Cultural and Tribal Resources
- Geology and Soils
- Greenhouse Gases
- Hazards and Hazardous Materials
- Hydrology and Water Quality
- Land Use
- Noise
- Population and Housing
- Public Services
- Recreation
- Transportation/Traffic
- Utilities

# Questions Regarding Presentation



[www.CleanWaterProgramSanMateo.org](http://www.CleanWaterProgramSanMateo.org)

# How To Provide Input

- Provide verbal comments tonight
- Provide written comment on comment card tonight
- E-mail comments by October 22<sup>nd</sup> to: **Heather.Waldrop@jacobs.com**
- Take comment card home and mail it by October 22<sup>nd</sup> to:  
City of San Mateo  
Clean Water Program  
330 W. 20th Avenue  
San Mateo, CA 94403  
Attention: Heather Waldrop



# Formal Public Scoping Comments



[www.CleanWaterProgramSanMateo.org](http://www.CleanWaterProgramSanMateo.org)

# Methods to Stay Informed

## Sign Up for Email Updates

[info@cleanwaterprogramsanmateo.org](mailto:info@cleanwaterprogramsanmateo.org)

## Register for Private Neighborhood Updates

[www.NextDoor.com](http://www.NextDoor.com)

## Visit the UFES Project Website

[www.CleanWaterProgramSanMateo.org/UFES](http://www.CleanWaterProgramSanMateo.org/UFES)

## Call Us

650-727-6870

