



City Council Meeting

Underground Wastewater Storage Facility

Site Selection

Monday, July 17, 2017

Tonight's Presentation

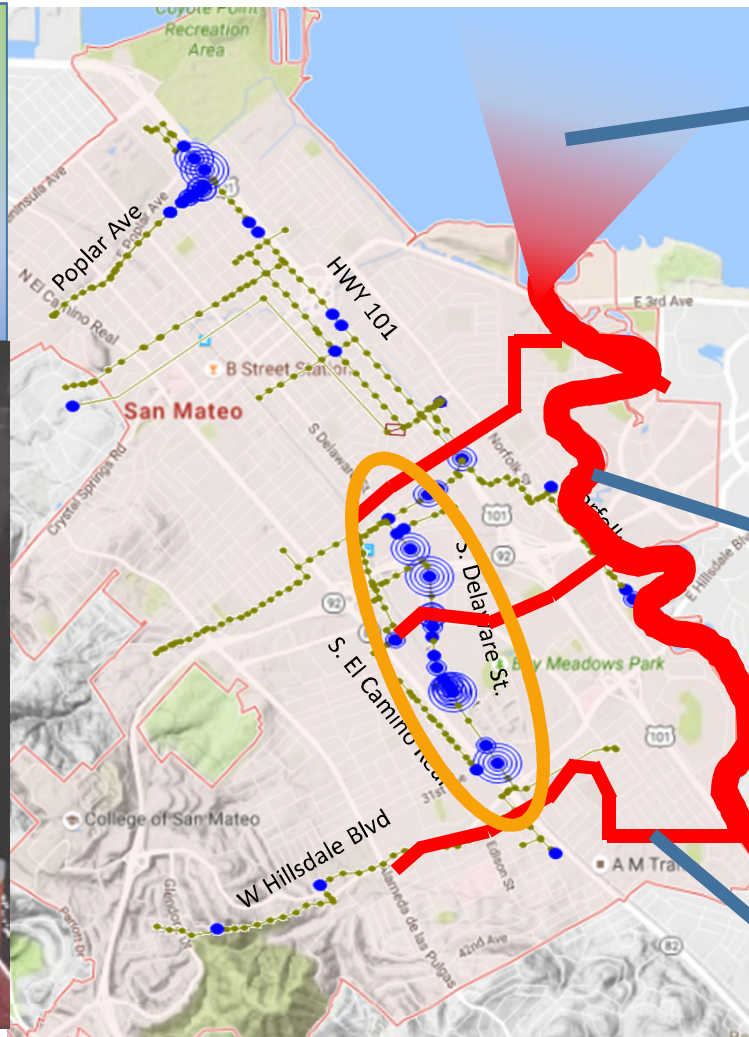
- Background and History
- Site Evaluations
- Comparison Summary
- Staff and Public Works Commission Recommendation
- Council Questions and Requested Action



Sewer Overflow Impacts & Regulatory Violations

What Causes Sewer Overflows?

*Raw Sewage, PLUS
Unintended Rain Water
Entering the System*



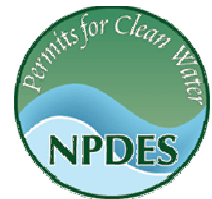
SF BAY

LAGOON
& BEACHES

CREEKS




STATE WATER RESOURCES CONTROL BOARD
REGIONAL WATER QUALITY CONTROL BOARDS



CWP Drivers, Goals, & Comprehensive Approach



Replace aging infrastructure and facilities



Build wet weather sewer system capacity assurance to prevent overflows



Meet current and future regulatory requirements



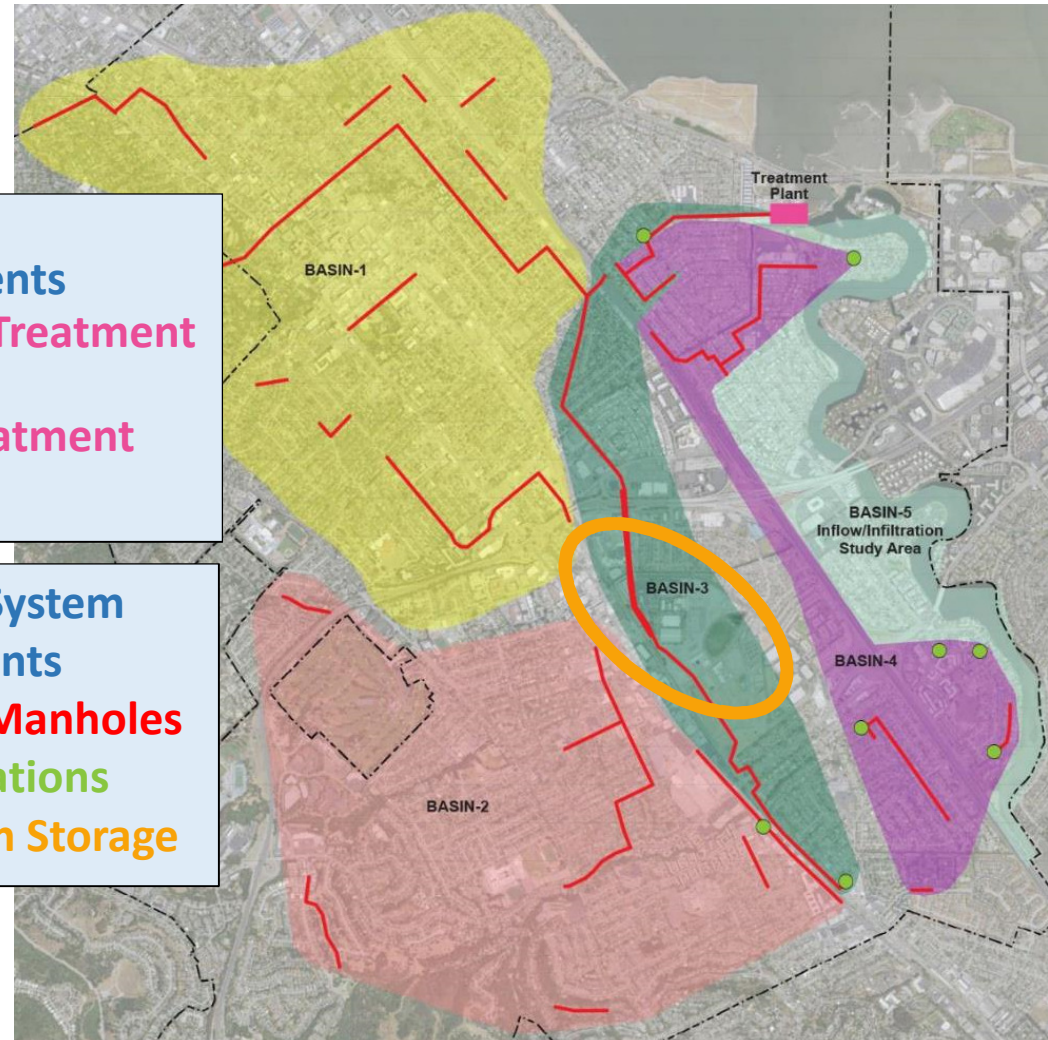
Align with the City of San Mateo and Foster City's sustainability goals

WWTP Improvements

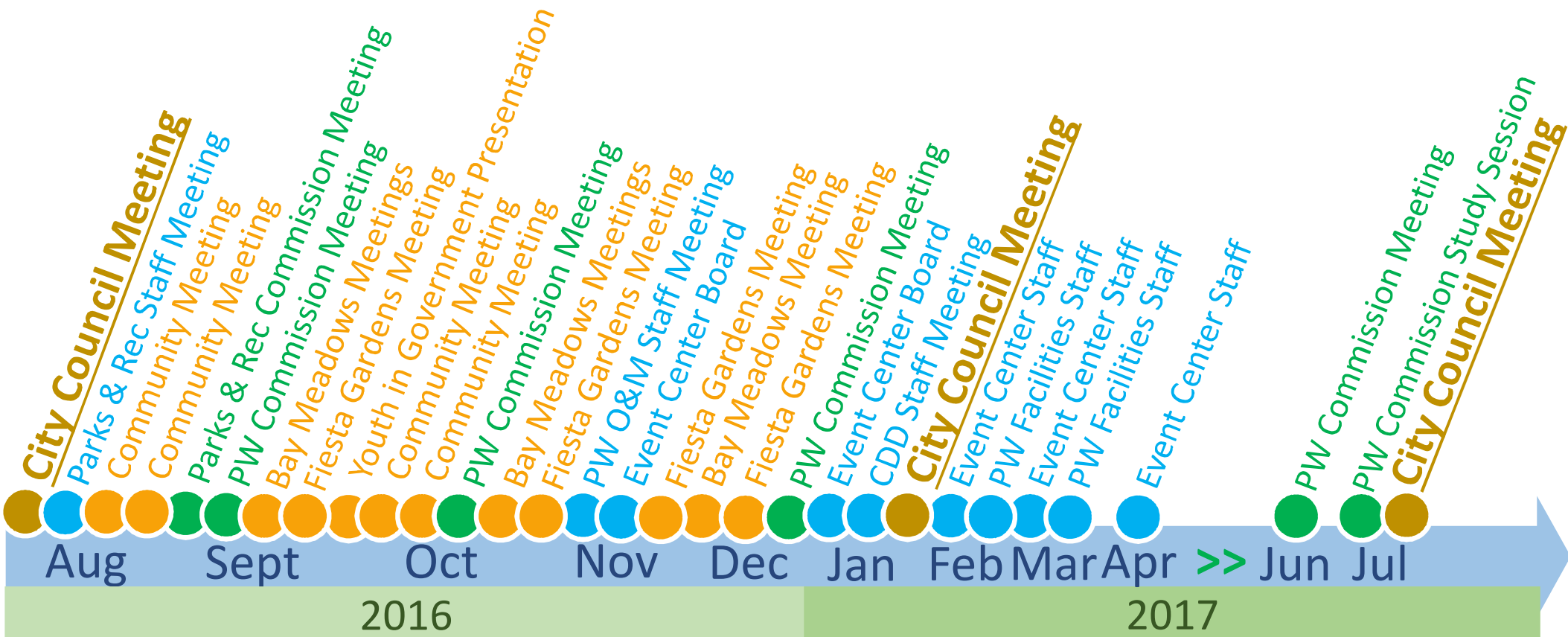
- Existing Treatment Facilities
- New Treatment Facilities

Collection System Improvements

- Pipes & Manholes
- Pump Stations
- In-System Storage



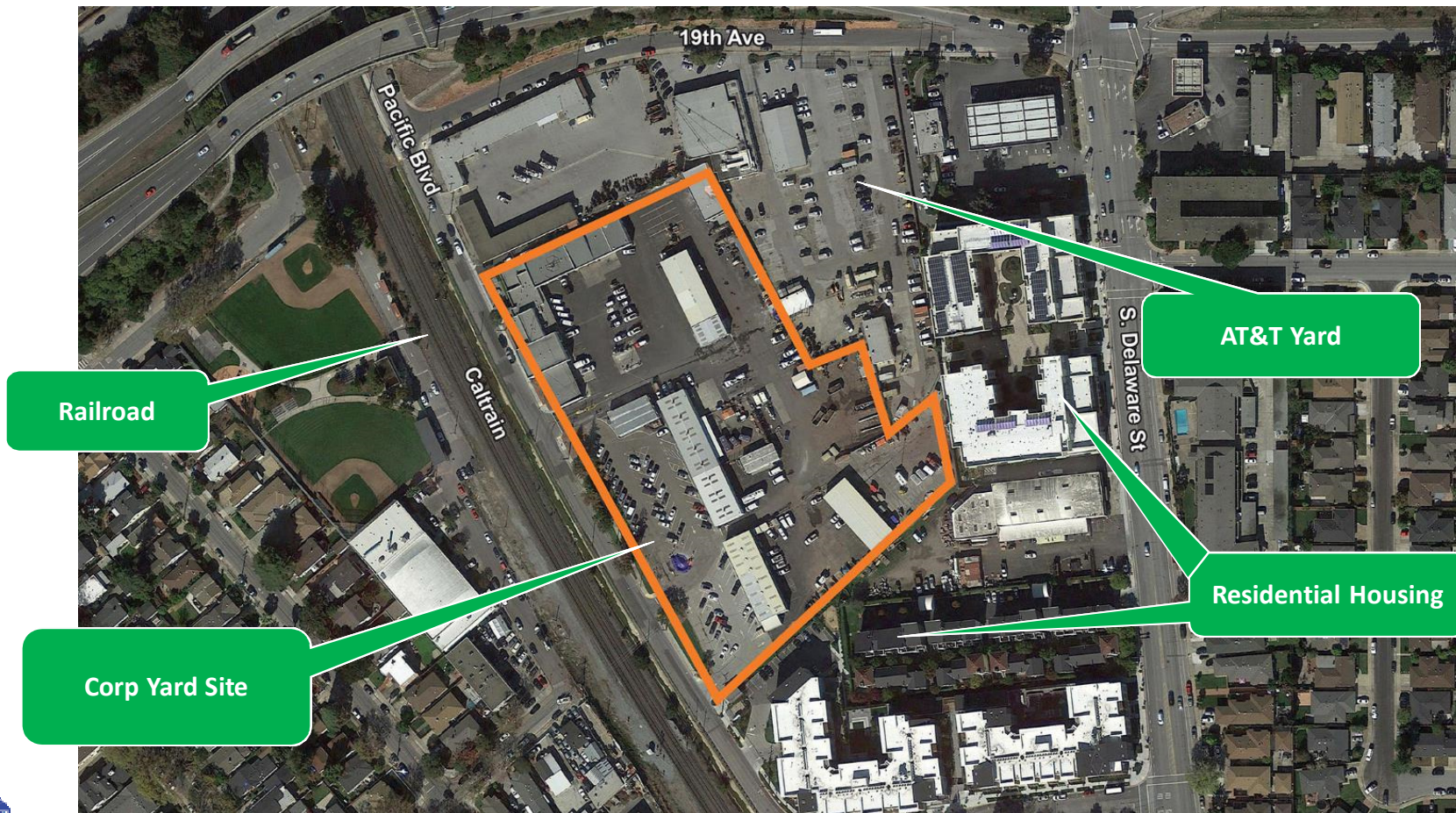
Outreach Activities and Stakeholder Involvement



Feasible Wastewater Storage Facility Sites



Corp Yard – Background Information



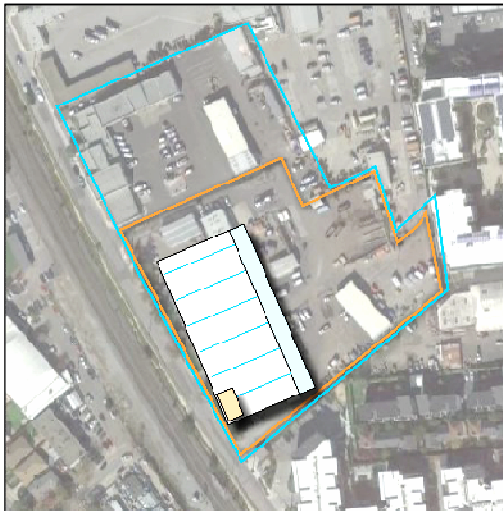
Corp Yard – Conceptual Storage Layout Options



North Option
NOT FEASIBLE

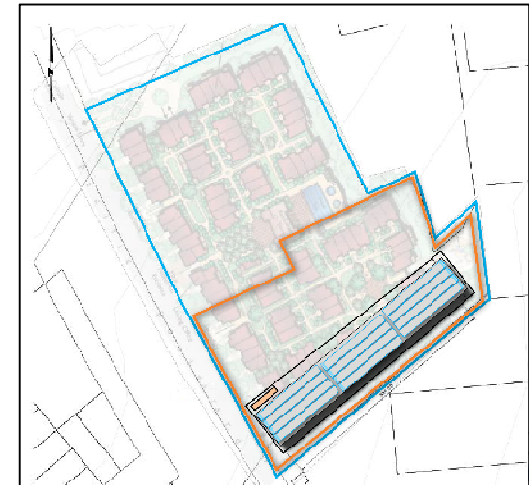


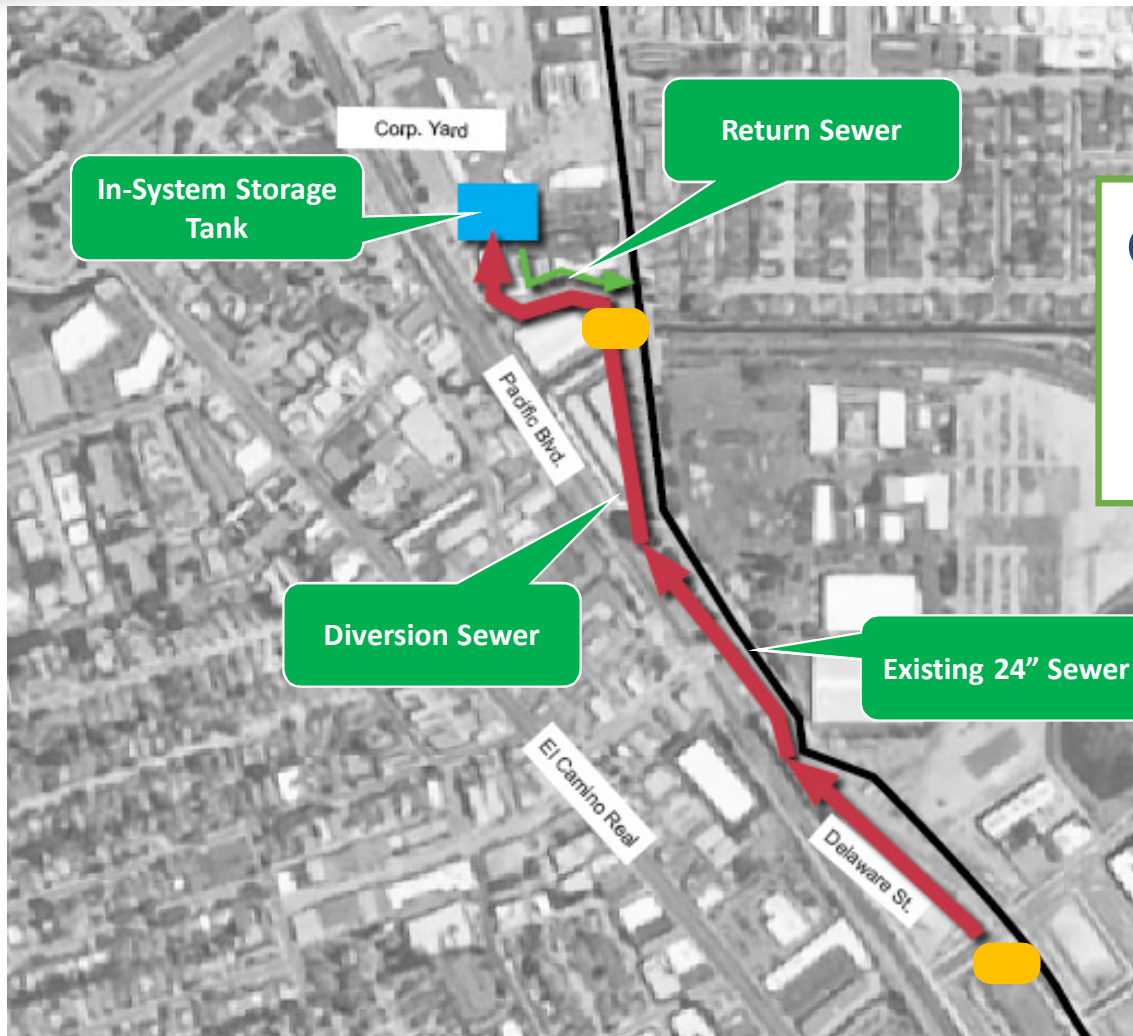
South Option
FEASIBLE



Pacific Option
NOT FEASIBLE

**South/Housing
Option**
FEASIBLE

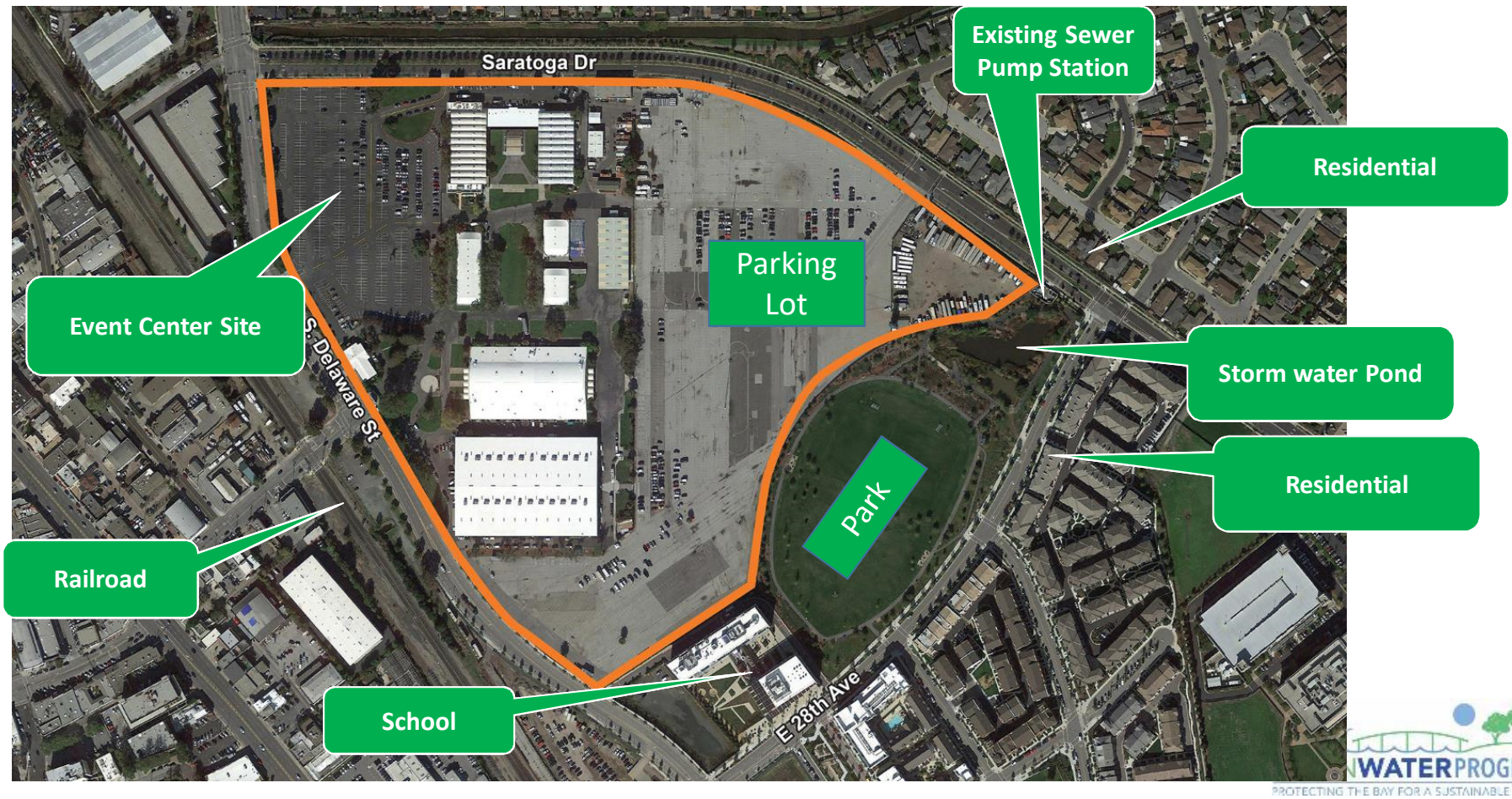




CORP YARD DIVERSION SEWER SCHEMATIC ALIGNMENT



Event Center – Background Information



Event Center – Conceptual Storage Layout Options



North

East

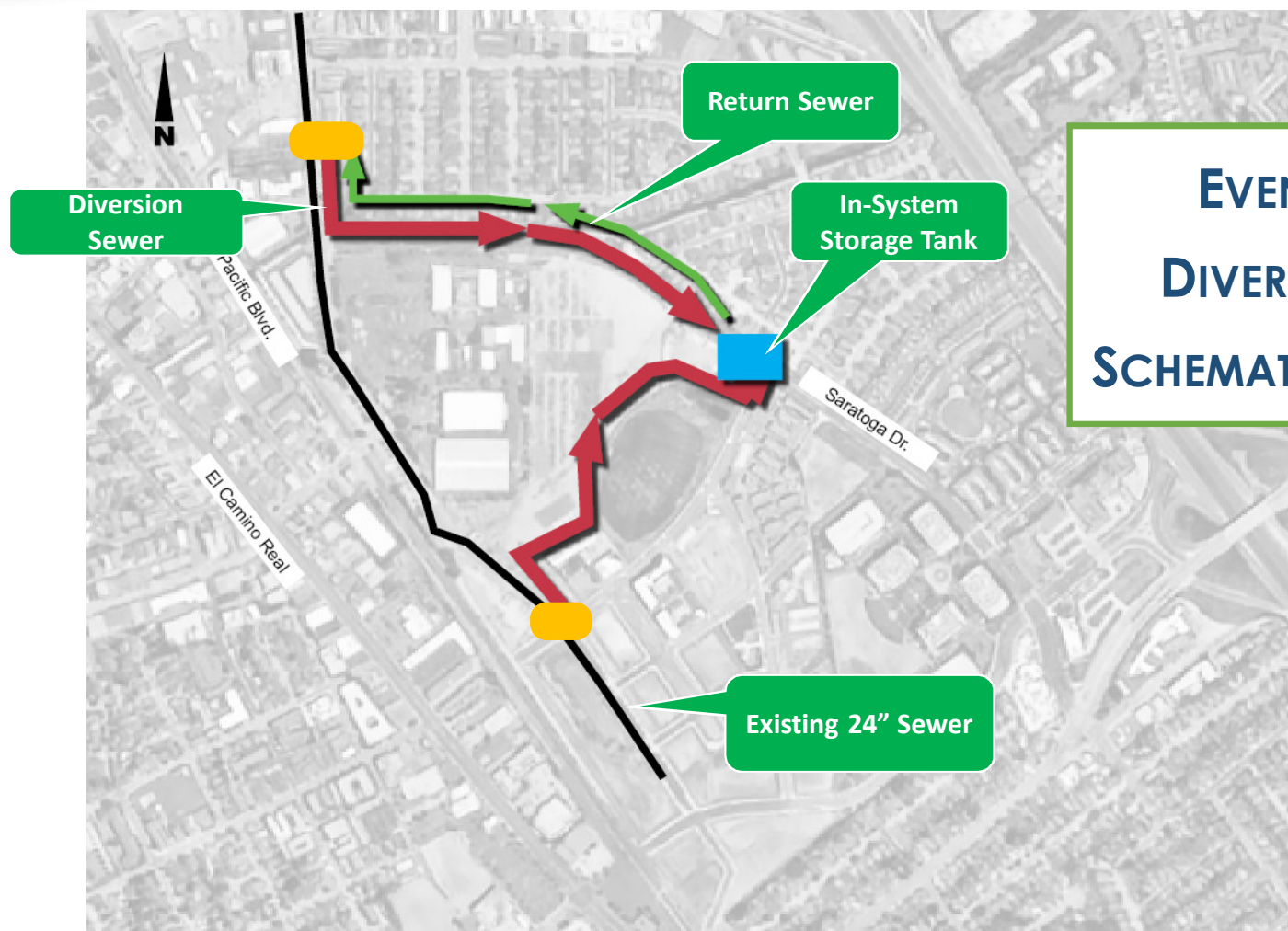
NOT FEASIBLE

FEASIBLE

South

NOT FEASIBLE





EVENT CENTER DIVERSION SEWER SCHEMATIC ALIGNMENT



Evaluation of Potential Impacts

Corp Yard South and Event Center East Comparisons

Based on resources from CEQA Initial Study Checklist/Final PEIR

- Air Quality*
- Hazards and Hazardous Materials*
- Aesthetics
- Noise & Vibration
- Land Use
- Transportation/Traffic

*Both sites have similar impacts



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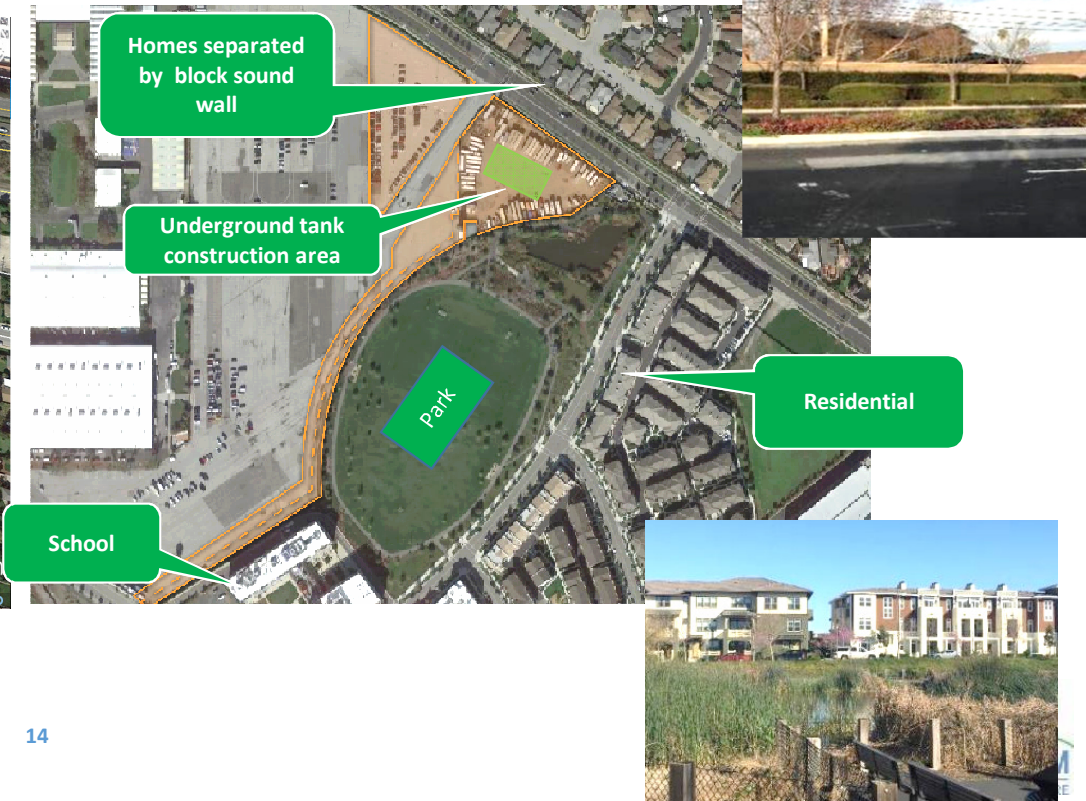


Evaluation of Potential Impacts – Aesthetics, Noise and Vibration

Corporation Yard - South

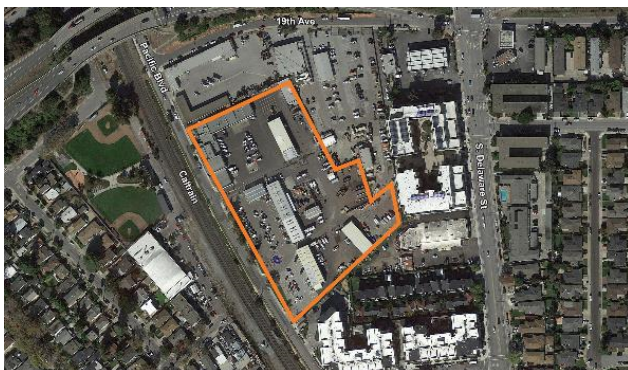


Event Center - East



Evaluation of Potential Impacts - Land Use and Planning

Corp Yard



Zoning: Transit Oriented Development (TOD)

Event Center



Zoning: Agriculture



Evaluation of Potential Impacts – Transportation/Traffic

Alternative	Estimated Total No. Vehicle Trips	Estimated Peak Trips/Day	Estimated Avg Trips/Day
Corp Yard	49,000	60	20
Event Center	48,400	60	20



ISS SITE



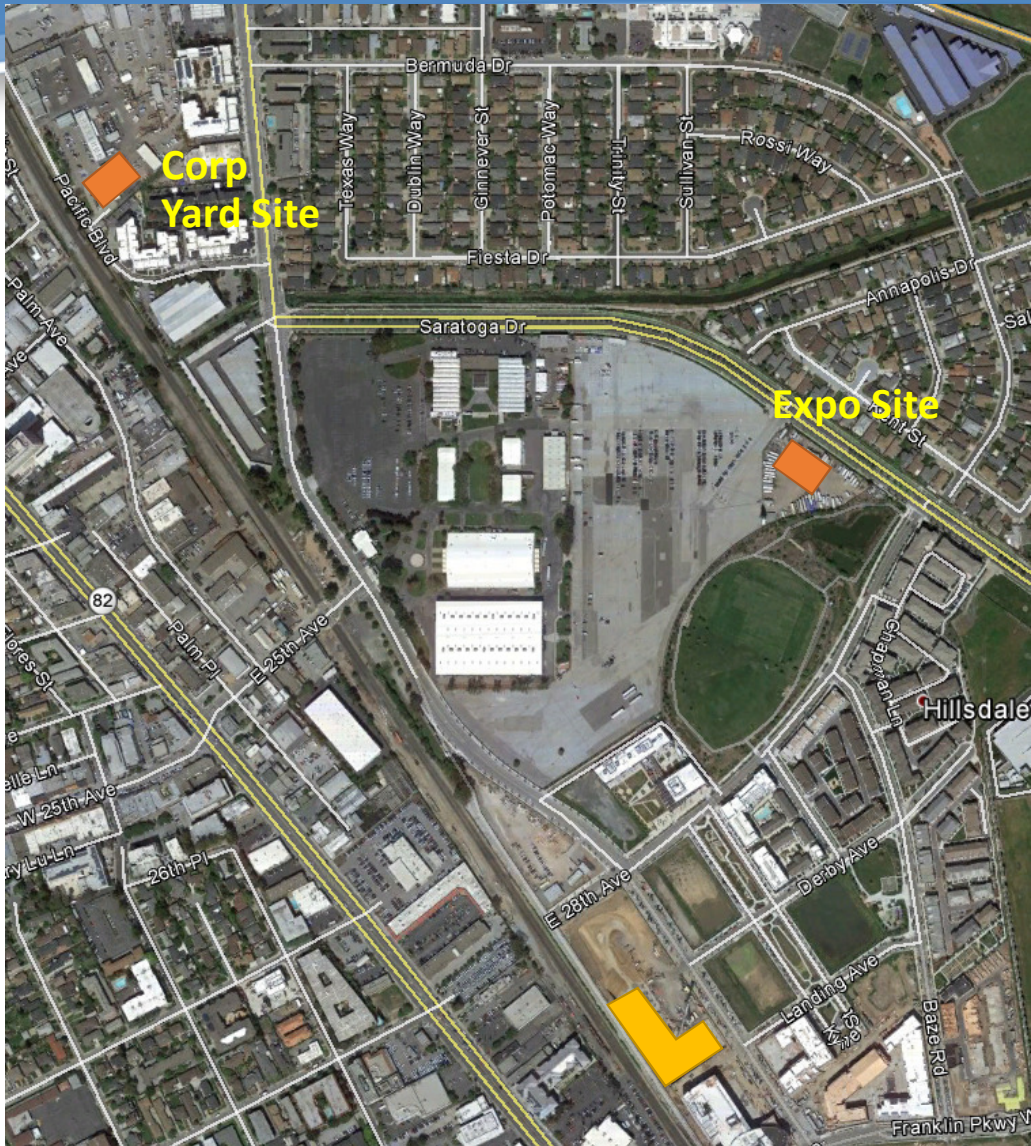
EXISTING TRUCK
ACCESS ROUTES

CORP YARD –
CONCEPTUAL
TRUCK ACCESS ROUTES



EVENT CENTER -
CONCEPTUAL TRUCK
ACCESS ROUTES





Constructing underground parking structure for Bay Meadows office building development

Conceptual Construction Schedule Comparisons

Corp Yard

Project Completion – 66 – 99 mo

Design and Permitting

18 – 36 mo

Relocation of
City Operations

12 – 18 mo

Construction

27 – 30 mo

Return of
City Ops to Corp
Yard Site

12 - 18 mo

Event Center

Project Completion – 45 – 48 mo

Design and Permitting

18 mo


Construction

27 – 30 mo



Event Center Option Agreement for Purchase of Easements



Easement Legend
 Temporary Construction
 Permanent

CLEAN WATER PROGRAM
PROTECTING THE BAY FOR A SUSTAINABLE FUTURE

Cost Comparisons

Site	ISS Construction Cost	ROW User Fees and Purchase	Additional Site Restoration Costs	Total Cost Range
Event Center	\$53 - \$75 M	\$11 M - \$14M	\$600 K - \$1M	\$65 - \$90 M
Corporation Yard	\$53 - \$75 M	\$10 M*	\$2 M - \$6 M	\$65 - \$91 M



Comparison Summary of Site Alternatives

Corp Yard



Event Center



Comparison Categories		
=	Air Quality, Hazardous Materials, Traffic, Cost	=
+	Site Ownership, Easement & Use Fees	
	Aesthetics, Noise & Vibration Impacts	+
	Impacts to Current Operations	+
	Land Use & Zoning	+
	Schedule to Meet CWP Goals	+

+ More Favorable



Recommended Site Selection

- Operational impacts
 - minimal for County, none for City
- Land Use
 - consistent with existing and potential future site uses
- Ease of Implementation
 - willing property owner
 - simpler permitting process
 - supports project schedule

Event Center



Next Steps

June 14

PW Commission
Recommends
Event Center Site
Selection

July 17

City Council
ISS Site Selection

Easement Negotiation and Acquisition

Design, Permitting, and CEQA

June

July



Requested Action:

City Council approve the Staff and Public Works Commission recommended site selection of the San Mateo County Event Center and approve the associated Option Agreement for Purchase of Easements

Questions?



Methods to Stay Informed & Provide Input

Sign Up for Email Updates

info@cleanwaterprogramsanmateo.org

Register for Private Neighborhood Updates

www.NextDoor.com

Contact Us

www.CleanWaterProgramSanMateo.org

650-727-6870





www.cleanwaterprogramsanmateo.org