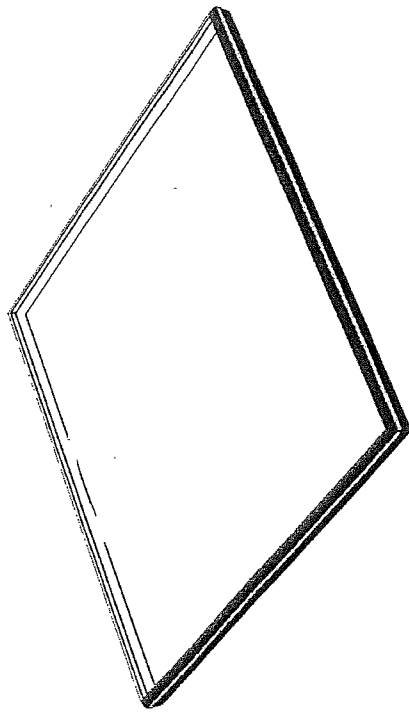


City of Sausalito

Status Update on EPA Order Compliance

January 11, 2011



GD
1-11-11
1

Introduction

- EPA Order requires that :
 - “Beginning immediately ... consistently and substantially reduce the frequency and volume of sewage spills.”
 - “(E)liminate conditions in (our) collection system that cause or contribute to wastewater spills, bypasses, or effluent limit violations.”
 - “SMCSD shall...achieve consistent compliance with its 2007 [NPDES] permit”. (*CWA-309(a)-08-031*)

Staffing

- Field maintenance passing six month milestone with good performance!
- Internal recruitment resulted in promotion of Kent Basso to Public Works Supervisor effective December 15, 2010

Quarterly Sewage Spill Report

Submitted January 15, 2011



Jonathan Lyons, Mayor
Adam Politzer, City Manager

CITY OF SAUSALITO

October 11, 2010

Jo Ann Cola
US Environmental Protection Agency, Region 9
1515 Hawthorne Street (WTR-7)
San Francisco, CA 94105

Michael Chee
San Francisco Bay Region
California Regional Water Quality Control Board
1515 Clay Street, Suite 1400
Oakland, CA 94612

SUBJECT: CITY OF SAUSALITO QUARTERLY SEWAGE SPILL REPORT
July 1, 2010 THROUGH September 30, 2010

USEPA Amended Order for Compliance
Docket No CWA-309(a)-08-031 dated November 24, 2008

Dear Ms. Cola and Mr. Chee:

This Report provides a tabulation of sewage spills that occurred in the City of Sausalito ("City") during the third calendar quarter of 2010 beginning July 1, 2010 and ending September 30, 2010 (the "Reporting Period"). This Report is submitted pursuant to requirements for Reporting Sanitary Sewer Overflows, dated November 14, 2004, as well as the California Water Resources Control Board ("State Board"), Statewide General Waste Discharge Requirements modified as to monitoring and reporting requirements by State Board Order IX Findings of Violation and Amended Order for Compliance (Docket No. CWA-309(a)-08-031) issued May 2, 2006 and subsequently modified as to monitoring and reporting requirements by State Board Order IX Findings of Violation and Amended Order for Compliance (Docket No. CWA-309(a)-08-031) dated November 24, 2008 (the "2008 Amended Order") issued to the City, Sausalito-Marin City Sanitary District ("SMCSD") and Tamalpais Community Services District ("TCSB") for purposes of this Report, the City refers to sewage spills and sanitary sewer overflows ("SSOs") as SSOs.

Two (2) public SSOs and one (1) private SSO occurred during the Reporting Period. A graphic summary of the subject SSOs is included as Figure 1 attached. Also attached are four tables providing additional information on the SSOs. The public SSOs resulted from (in 2 cases) roots infiltrating into terra cotta pipe.

The attached Table 1 summarizes the number of SSOs. The estimated volume of SSOs contained and returned to the sewer system as well as the estimated volume of raw sewage at the City's

60
+6

EPA Compliance Status and Outlook

- **Short-Term Collection System and Capacity Improvement Projects**
 - To be completed by October 15, 2013 (Order V.B.2)
- **Annual Report due October 15, 2011**

Short-Term Collection System and Capacity Improvement Projects

- **Project 1a (CK10-02) – Gate 5 Road Pipeline Replacement Project.** This project was described in the 2009 CIP as a pipeline removal and replacement project. To provide a reliable system that will tolerate ongoing subsidence, the project has been amended to convert the existing Gate 5 Road gravity sewer into a low pressure force main. The project is needed to remove sags, joint separations, and other structural defects in the existing pipe. The project is currently in final design stage, is projected to bid in 2011 and complete construction in the following year given SRF funding.
- **Project 1b (CK10-01) – Spinnaker Grease Interceptor, Pipeline, and Anchor Pump Station Rehabilitation project.** In the 2009 CIP, this project included a new grease interceptor and removal and replacement of the existing gravity pipeline between Spinnaker Restaurant and Anchor Street Pump Station. In lieu of a new gravity pipeline, the current project configuration converts the existing gravity sewer to a low pressure force main, and rehabilitates Anchor Street Pump Station. The project has been advertised for bid. Bid opening has been delayed until an SRF funding commitment, anticipated in January 2011, is received from the SWRCB.

Short-Term Collection System and Capacity Improvement Projects (cont'd)

- **Project 1c (CK11-01) – Prospect Avenue Sewer Replacement** corrects known pipeline defects that contribute to I&I. The project has been designed and informally bid. The project will be in construction during 2011.
- **Project 2b (CKyy-0C) – Beach Main, Including Valley to Main Rehabilitation Project - Design.** This project addresses pipelines that are partially or fully submerged in the San Francisco Bay, and present a reliability concern to the City. Preliminary design and environmental planning were initiated in 2009. Significant permitting and project implementation challenges have become apparent during this effort, delaying final design and construction.
- **Project 3b (CK10-03) – Woodward to Toyon Avenue Sewer Replacement** addresses known structural defects within an existing pipeline located in private easements on a Policy issues regarding lateral grant, sewer ordinance revision and long-term O&M of facilities in public ROW steep slope. The project is in the final design phase. Construction will be completed in early 2011.

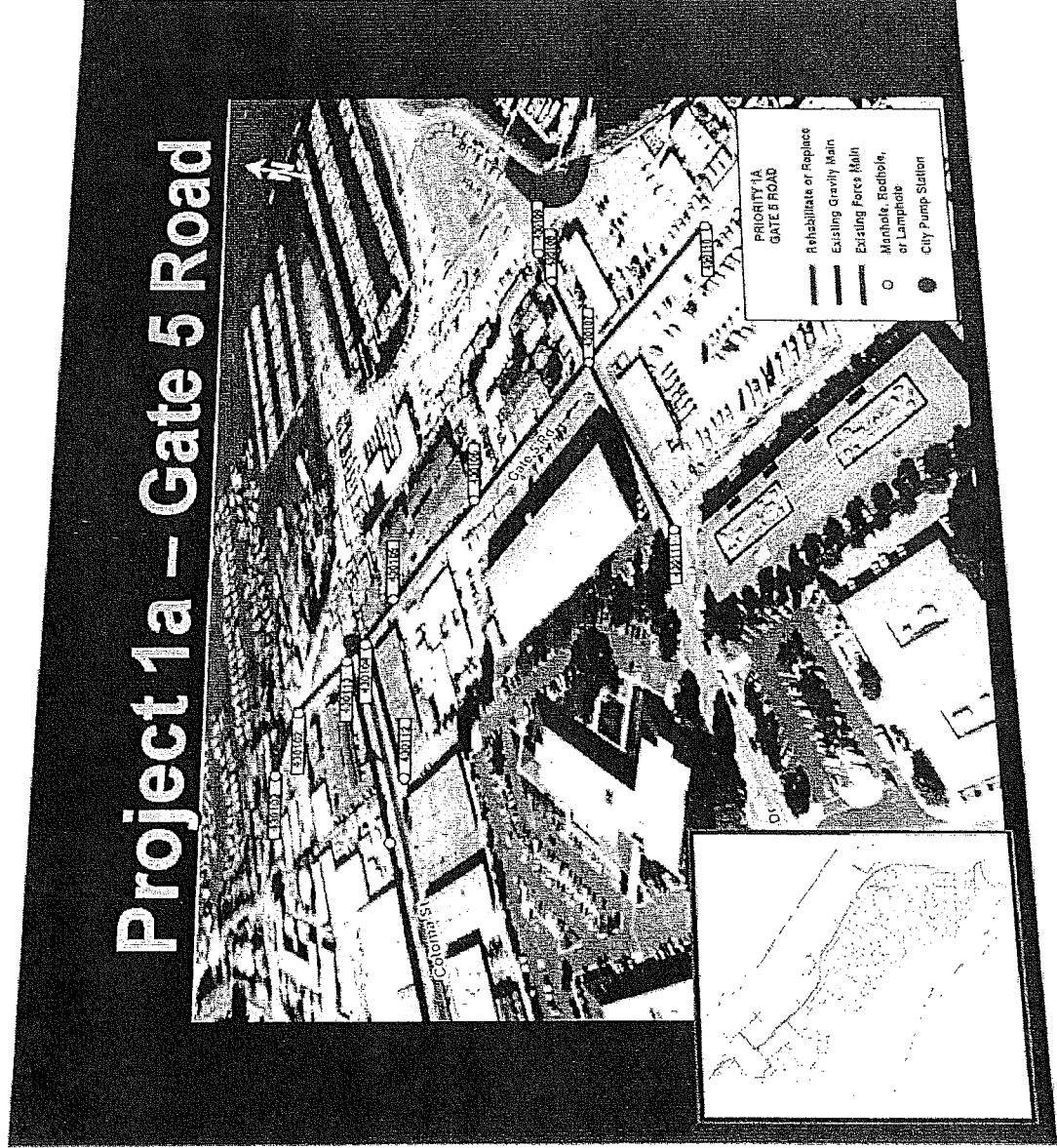
Short-Term Collection System and Capacity Improvement Projects (cont'd)

- Project 3e (partial) (CKyy-0A) –Bee Street Sewer Replacement. This project replaces pipelines with multiple structural defects on Bee Street, near City Hall. Construction is expected to be completed in 2011 given SRF funding.
- Project CKyy-0B – Whiskey Springs Generator Improvements is currently in design. Design will be coordinated with SMCSD with regard to wet weather flows and possible replacement of the SMCSD Scotty's Pump Station. Design is expected to continue in 2011 for anticipated construction in 2012 given SRF funding.

Priority Capital Projects

Design: 90%
Environmental and
Permitting: 100%
Requires SRF
Requires Policy on
Capital and O&M for
facilities in ROW
Includes improvements
to Gate 5 Pump Station
Will integrate tide gates
and pavement
resurfacing.

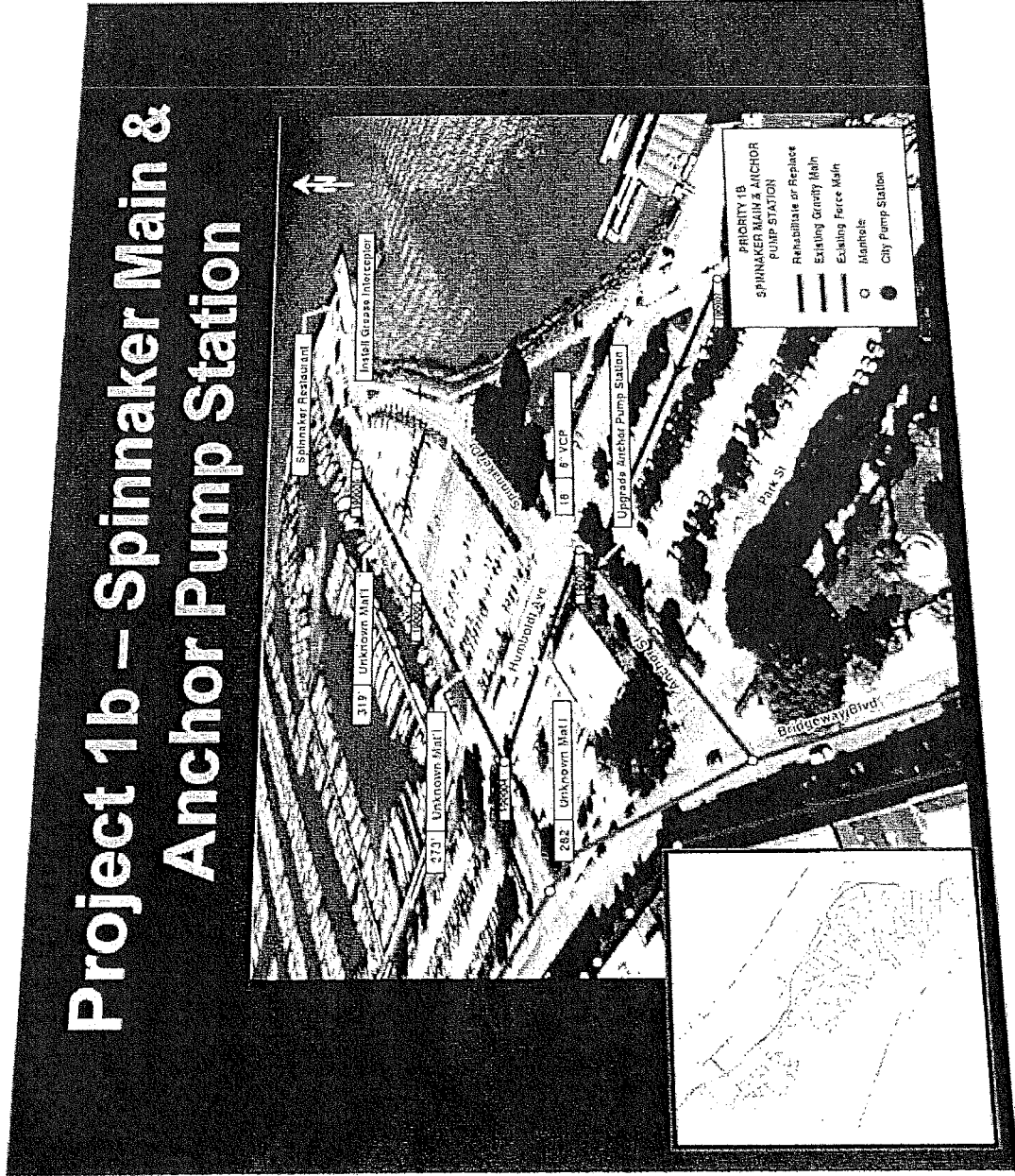
Staff is initiating public
participation on this
project this Spring



Priority Projects (cont'd)

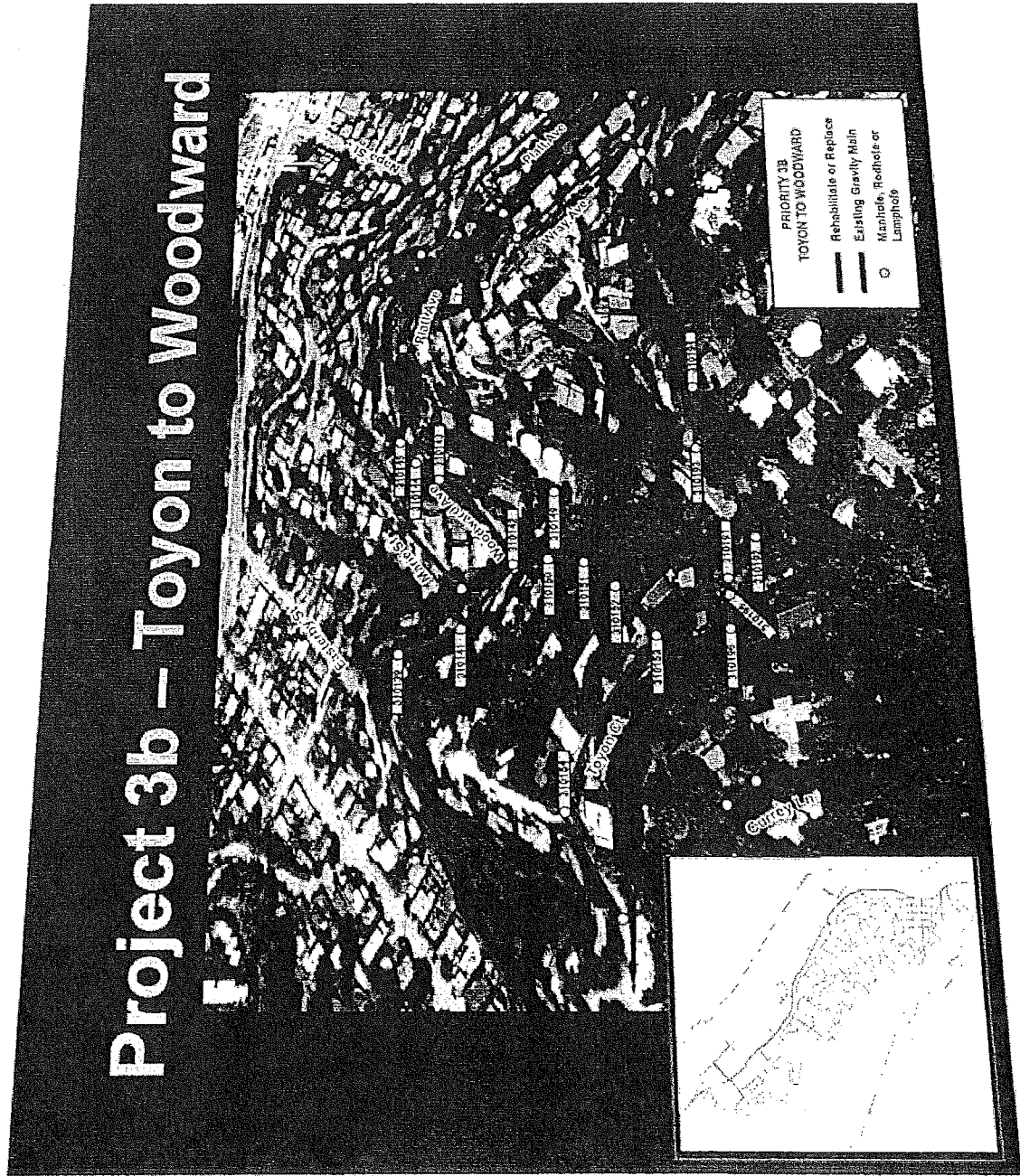
Project 1b - Spinnaker Main & Anchor Pump Station

- Design: 100%
- Environmental and Permitting: 100%
- Bid Opening delayed twice
- Requires SRF
- Does require private cost participation



Priority Projects (cont'd)

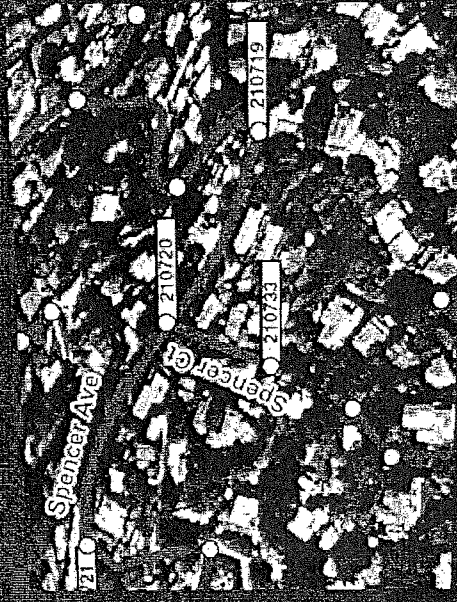
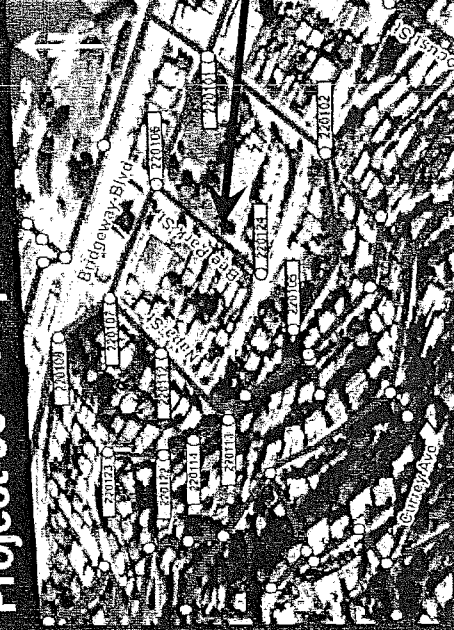
Design: 95% partial
Environmental and
Permitting: 100%
Expected to be
constructed without
SRF in early 2011
Does not require
private cost
participation (lateral
grant)



Priority Projects (cont'd)

Design: 65% of partial project
Environmental and Permitting: 65%
Requires SRF
Not likely to require private cost participation (lateral grant)

Project 3e – Napa & Bee Park Streets



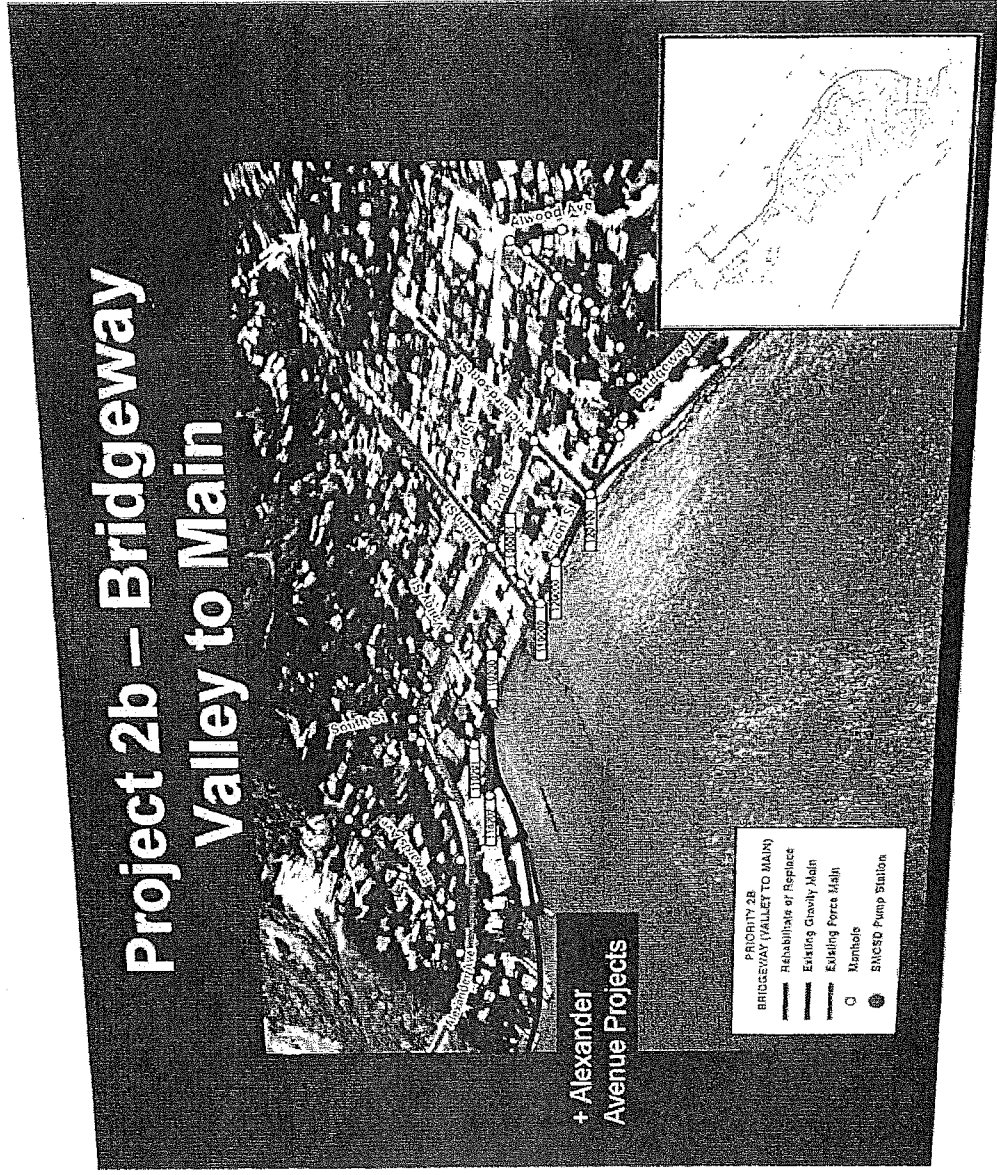
Project 3f – Spencer Court

Project Drivers: Maintenance issues
Greatest Challenges: Similar to earlier projects
Construction Methods: Pipe burst; open cut



Priority Projects (cont'd)

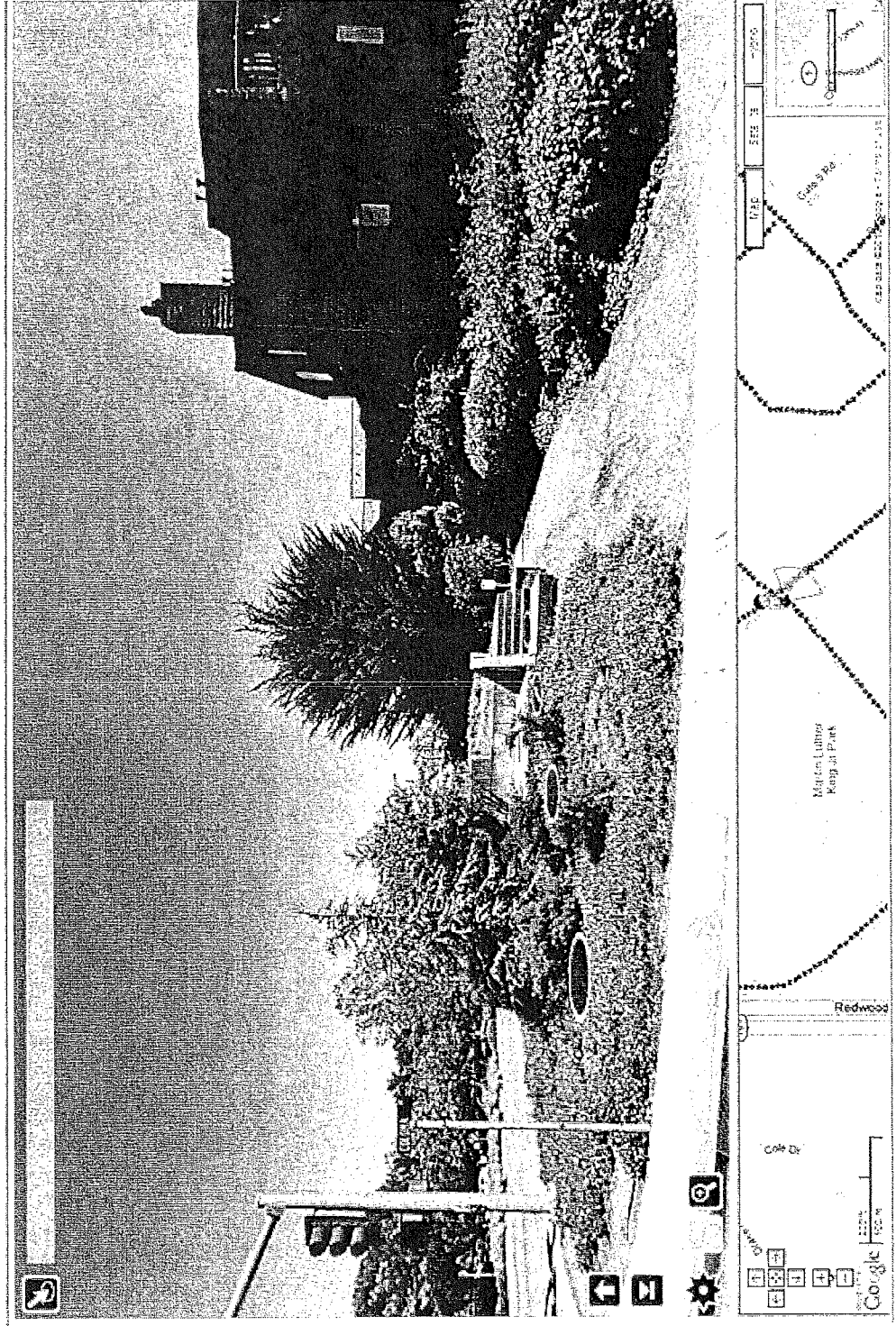
Design: 0%
Environmental and
Permitting: 0%
Significant, multi-year
project w/EIR
Requires SRF and
may require
significant private
cost participation



TWD

Priority Projects (cont'd)

Whiskey Springs/Scotty's
Design: 5%
Environmental and
Permitting: 0%
Requires SRF
No private cost



FB

Priority Projects (cont'd)

Other projects, near term:

- Additional flow monitoring
- Ordinance rev/lateral grant program

Other projects, longer term:

- Coloma
- Nevada
- Caledonia at Turney
- Josephine
- Santa Rosa Ave
- Pine
- Main
- Bulkley
- Bridgeway at Ebbtide
- Filbert
- West
- Bridgeway at Dunphy Park
- Crescent
- Cazneau
- Tomales
- Bridgeway at Princess
- Spring
- Caledonia at Litho
- Woodward
- Sausalito Blvd
- Monte Mar
- Kendall Ct
- Libertyship

Issues/Opportunities

- SRF funding commitment
- Lateral Grant Program
- Sewer Ordinance Revision
- Policy regarding facilities in public ROW

Questions?

