Vista Grande Drainage Basin Alternatives Analysis

Public Meetings

February 21 and 26, 2008

Presentation Outline

- Overview of previous study and recommendations
- Outline of the current study
  - Objectives
  - Alternatives
  - Evaluation process and methodology
- Next steps

Previous Study

- Vista Grande Watershed Plan prepared by RMC
- Two public workshops were held to solicit input
- Vista Grande Watershed Plan was presented to the City by RMC in October 2006 with the following findings:
  - Recommended construction of a new tunnel south of the County Line
  - Downstream improvements are needed before other storm drain improvements can begin
  - Recommended use of a 25-year design storm event for design of system improvements

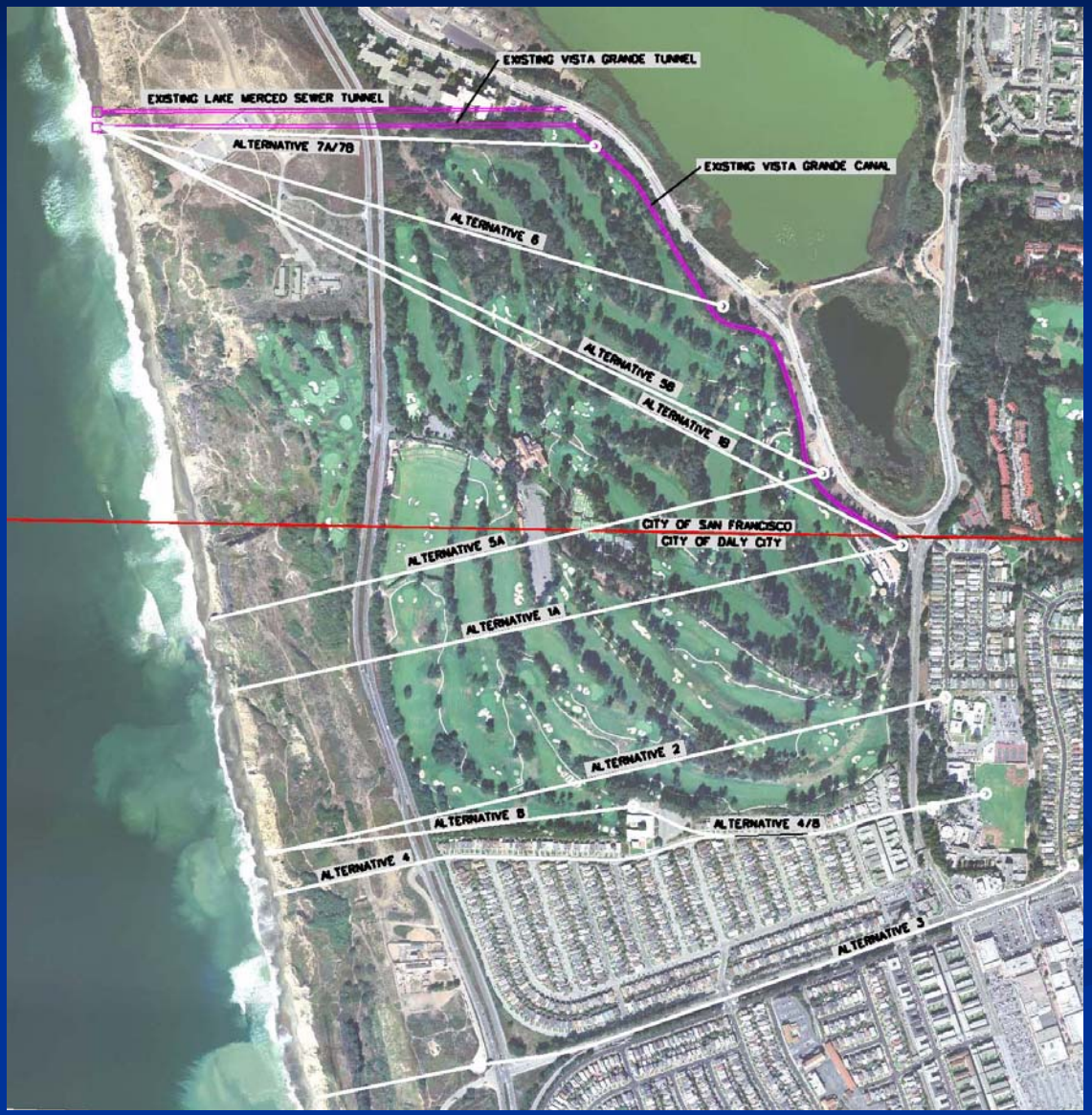
Alternatives Analysis

- In March 2007, Jacobs Associates was hired to evaluate alternatives for managing downstream storm flows
- City objectives:
  - Evaluate alternatives to manage storm flows generated in a 25 year 4 -hour storm event
  - Encourage the environmental uses of storm water including:
    - Wetlands areas
    - Lake level enhancement
    - Storage and groundwater recharge
  - Narrow the focus of the study to a manageable number of alternatives for further investigation

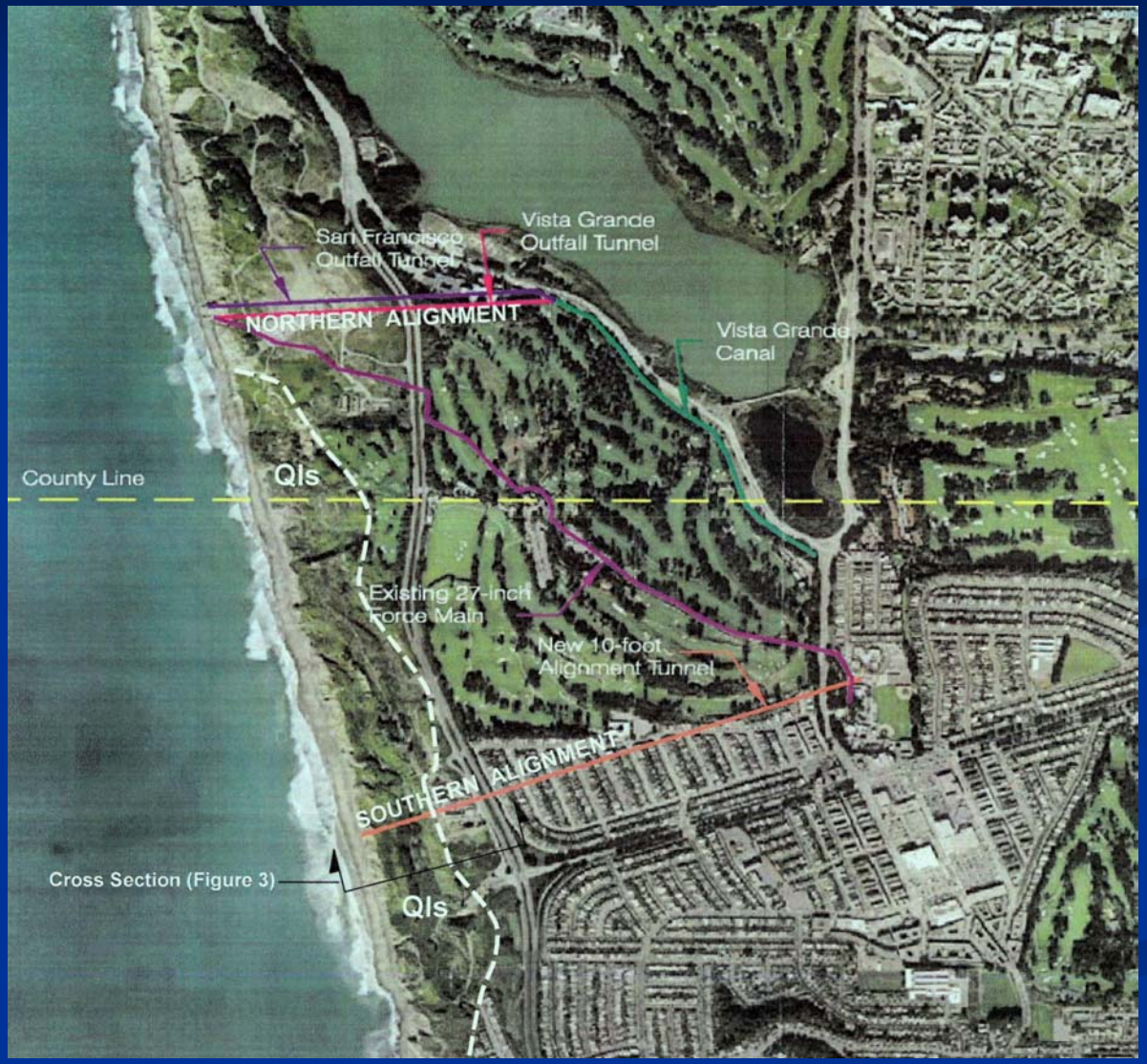
Initial Screening Approach of Alternatives:

- Eleven alternatives initially screened
- Leverage existing storm water assets
- Minimize right-of-way acquisition due to time and cost
- Minimize permitting effort and duration
- Locate where there is acceptable ground stability
- After initial screening seven alternatives remained

Initial Alternatives



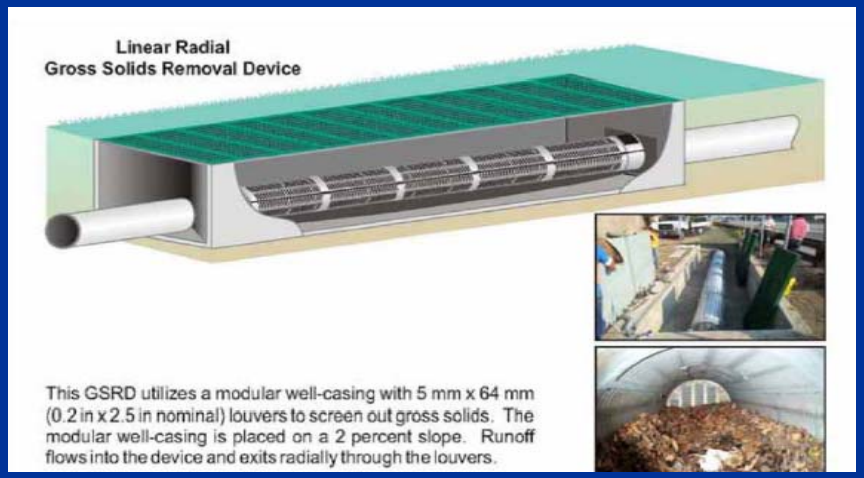
Geotechnical Considerations



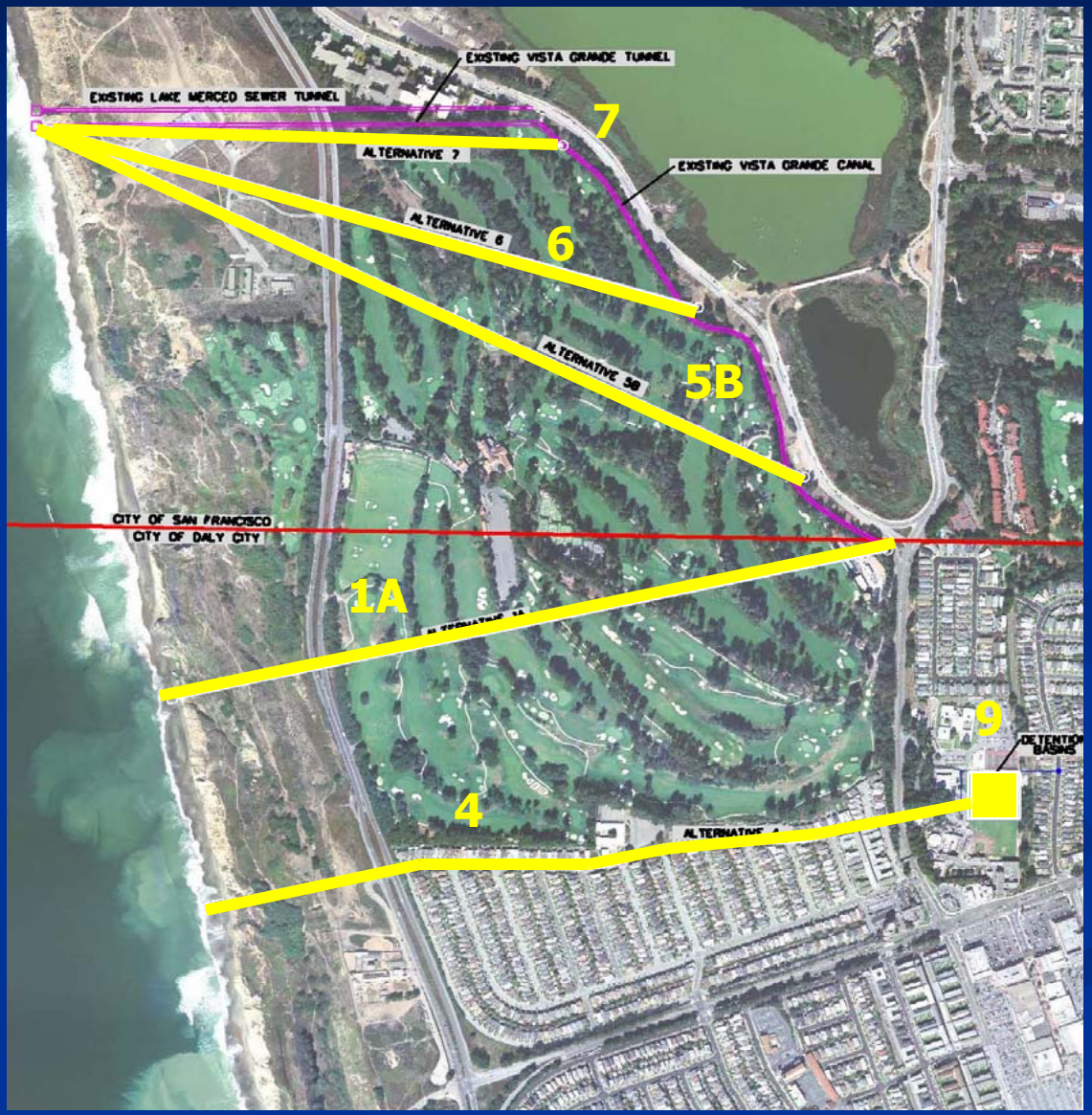
Currently Known Environmental Issues to be Identified by Study

- Impact to environmental resources:
  - Bird habitat
  - Beach erosion and access
  - Water quality, public health and safety
  - Recreation activities and park resources
  - Aesthetics
  - Ocean resources
- Regulatory process to follow CEQA and NEPA:
  - Right-of-way
  - Permitting
  - Wetlands
  - Recreational activities and park resources

Water Quality Improvements



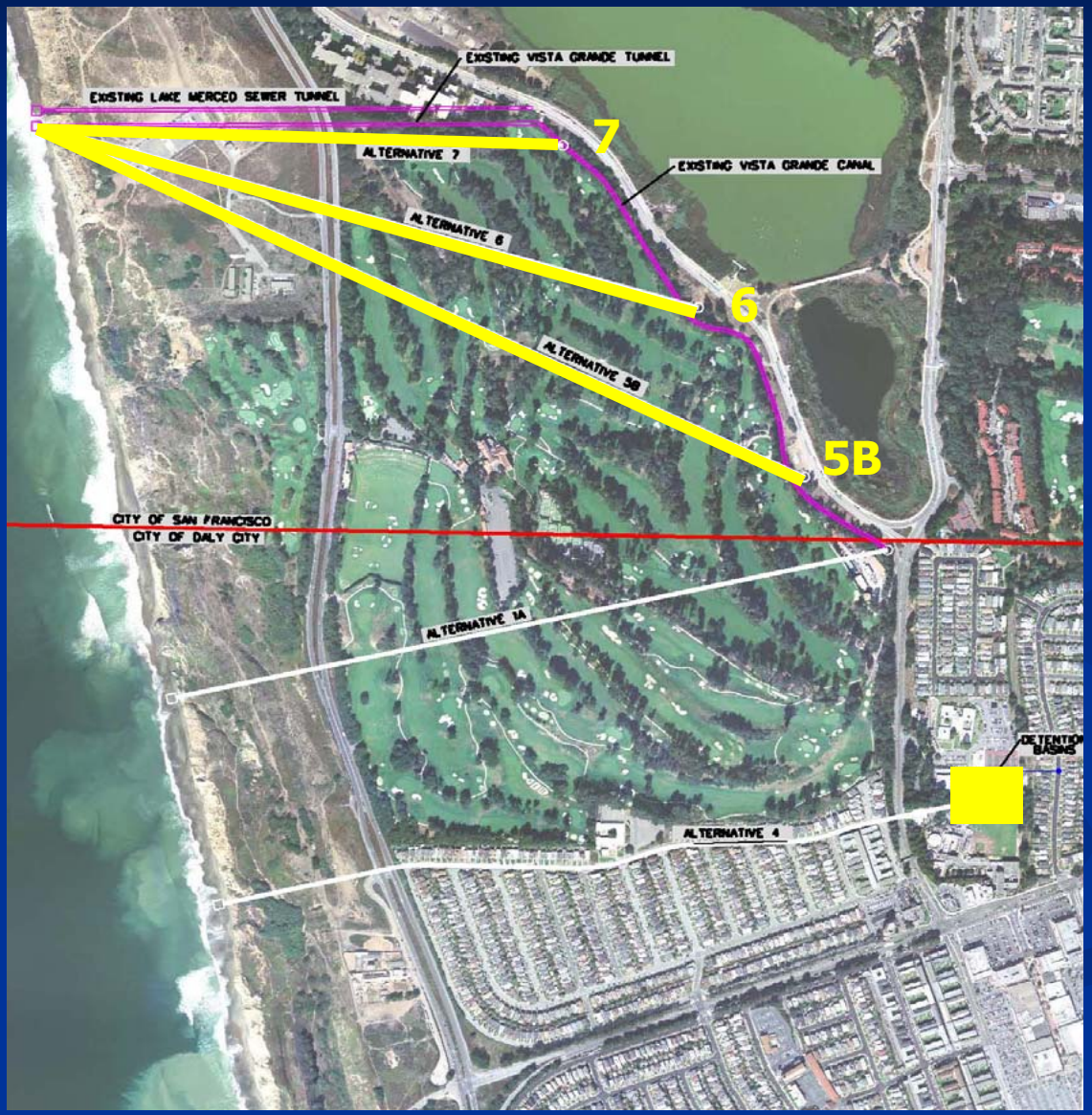
Selected Alternatives



Evaluation Criteria:

- Capacity of the combined alternative system (25year 4hr)
- Provide environmental benefits
- Constructability (duration and affordability)
- Minimize operating and maintenance cost and complexities
- Minimize environmental compliance requirements
- Minimize right-of-way acquisition
- Minimize construction cost and maximize life cycle savings

Screened Alternatives



Range of Costs

$145M - $196M

Next Steps

- Public Input
  - Draft Alternatives Evaluation Report is available on-line at www.dalycity.org
  - Public Meetings (February 21 and 26 2008)
  - Comments accepted through March 17, 2008
- Continue evaluation of top alternatives, Supplemental Alternative Analysis, June 13, 2008
- Public outreach, July 2008
- Prepare final draft report with methodology and ranking of alternatives, September 2008
- Public hearing, October 2008

Comments and Questions