



*Development Services
Department*

INTRODUCTION

Coastal Planning and Infrastructure

City of Chula Vista

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Development Services Department

CONTEXT



SD Union Tribune 6/24/07



Areas of Concern

- Vulnerable Populations / Roadways / Sewer systems
- Communication with other agencies
 - SWA - Saltwater Intrusion
 - SDG&E
 - Port of San Diego / County / HAZUS
 - Army Corps - Circular 1165-2-211
 - State of Ca - Ex order S-13-08
 - Caltrans

JURISDICTION



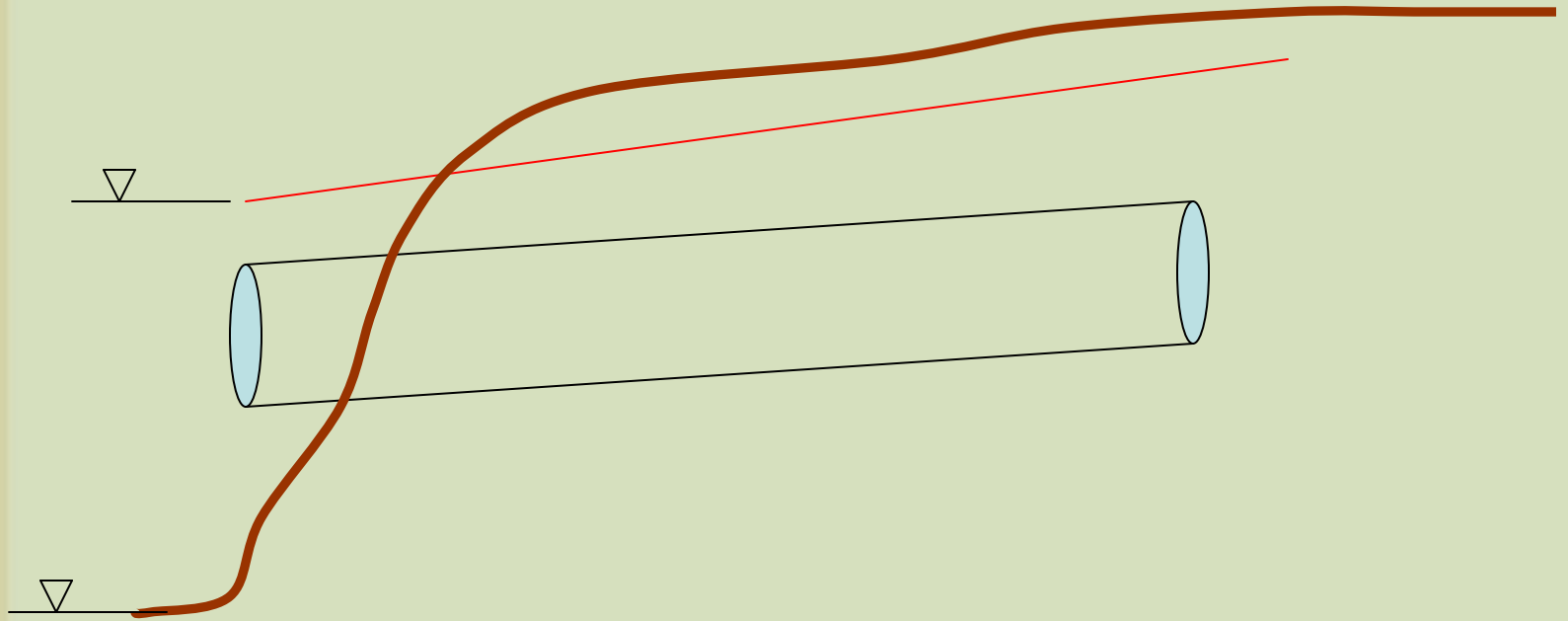
Concepts

CONCEPTS

- Sea Level Rise, tides, costal storms, river hydraulics.
- Datums: Mean High Tide vs NAVD '88
- 100 year flood = 1% chance of occurrence in any year.
- Hydraulic grade line – Pressure Pipe
- Erosion, accretion and avulsion



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Recommendation

- Uncertainty - \$ today for uncertain benefits
- Low regret solutions
 - Size pipe to anticipate change
 - Lift lot as a condition of development
- **General Plan Amendment / Overlay Zone**
- **Grading Ordinance** – Add 4.5' to existing floodway elevations if tidally influenced

CONCLUSION