



# Santa Barbara Storm Events

Brian Adair – Waterfront Facilities Manager






# January 2023 Waterfront Storm Event

- Event - king high tides with storm swells and heavy rains
- Impacts:
  - Heavy beach frontage erosion and parking lot flooding
  - Heavy debris in the harbor
  - Harbor entrance closed off due to sediment
  - Property damage- piles, docks, asphalt, fence, & utilities
  - City sewer system overwhelmed and some sewer backups
- Waterfront Storm Damage Estimate \$1.2M
- Improvements – 360 ln ft rock revetment \$1.1M
- Funding - currently applying for FEMA assistance

# Storm Impact – January 2023



-  BEACH EROSION
-  FLOODING
-  HARBOR ENTRANCE SEDIMENT CLOSURE



Coastal Infrastructure Damage Due to High Tide and Swell

# December Storm Event

- Event - king high tides with large west swell (December 28, 2023)
- Impacts:
  - Parking Lot & Harbor Business Area Flooding
  - Minor beach erosion
  - No real property damage
- Response and Clean Up Expense \$90,000





Harbor Business Area Flooded During High Tide & Swell





Harbor West Parking Lot Completely Covered in Sand & Debris

# Questions