

Coastal Santa Barbara County Water Quality Assessment

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Storm Water Program

Central Coast Regional Water Quality Control Board

City of Santa Barbara SWMP History

SWMP Submittal

WB Review / Comment

March 2003 (*draft*)

July 2003

December 2004

April 2006

January 2007

March 2007

Goleta SWMP History

SWMP Submittal

WB Review / Comment

August 2003

February 2005

September 2005

April 2008

Carpinteria SWMP History

SWMP Submittal

WB Review / Comment

March 2003 (*draft*)

August 2003

February 2005 (*review only*)

UCSB SWMP History

SWMP Submittal

WB Review / Comment

March 2003

City of Santa Barbara Water Quality Assessment

303d List of Impaired Waters

- Arroyo Burro Ck
 - Pathogens
- Arroyo Burro Beach
 - Total & Fecal Coliform
- Mission Ck
 - Pathogens, Unknown Toxicity
- East Beach (Mission Ck mouth)
 - Total & Fecal Coliform
- East Beach (Sycamore Ck mouth)
 - Total Coliform
- Carneros Ck
 - Ammonia (Unionized)
- Glen Annie Ck
 - Nitrate (NO₃)
- Goleta Slough
 - Pathogens, Priority Organics

City of Santa Barbara Water Quality Assessment Cont...

Potential 303d Pollutant Sources:

- Agriculture
- Land Disposal
- Nonpoint Source
- Transient Encampments
- Urban Runoff / Storm Sewers
- Unknown Source

City of Santa Barbara Water Quality Assessment Cont...

Other Identified Pollutant Sources:

- Restaurant Discharges
- City Power Washing
- Golf Course Runoff (e.g., landscape irrigation)
- Human Feces
- Residential & Commercial Runoff / Washwater (e.g., car washing, landscape irrigation)
- Trash (e.g., dumpsites, homeless encampments, general public)

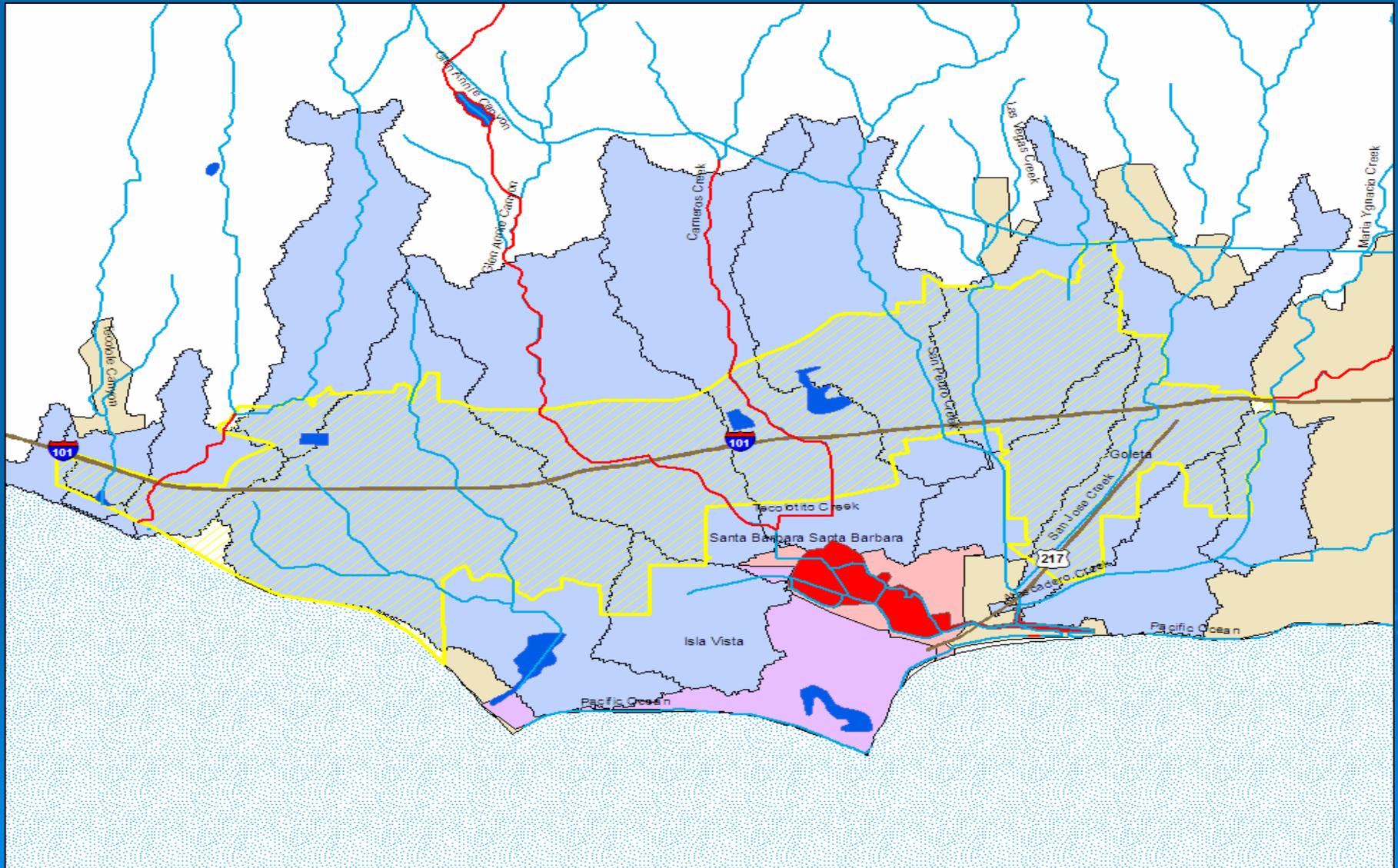
Stakeholder Discussion

- What other water quality concerns can you identify that should be addressed in the City's SWMP?
- Identify Pollutants & Sources

Additional POCs & Sources Identified at WQ Assessment Meeting (4/8/08)

- Mobil Businesses (e.g. carpet cleaners, landscapers, pet washing)
- Hotels (e.g. wash-off, landscaping)
- Sewage Spills – leaking sewage laterals (private & public)
- Concrete Washout

Goleta SWMP Area



Goleta Water Quality Assessment

303d List of Impaired Waters

- Carneros Ck
 - Ammonia (Unionized)
- Glen Annie Ck
 - Nitrate (NO₃)
- Goleta Slough
 - Pathogens, Priority Organics
- Bell Ck
 - Nitrate (NO₃)

Goleta Water Quality Assessment Cont...

Potential 303d Pollutant Sources:

- Nonpoint Source
- Urban Runoff / Storm Sewers
- Unknown Source

Goleta Water Quality Assessment

Cont...

Other Identified Pollutants & Sources:

- **Development** (*reduced env. protection*)
 - Habitat loss, Sediment, Hydromodification
- **Auto Recyclers**
 - Metals, Petroleum
- **Contaminated Rising Groundwater** (*e.g. Bardex Corp, TCE & PCE*)
- **Industrial Discharges** (*e.g. Rayne Water Conditioning, Salinity*)
- **Golf Course Runoff**
 - Nutrients
- **Residential & Commercial Runoff / Washwater**
- **Trash**

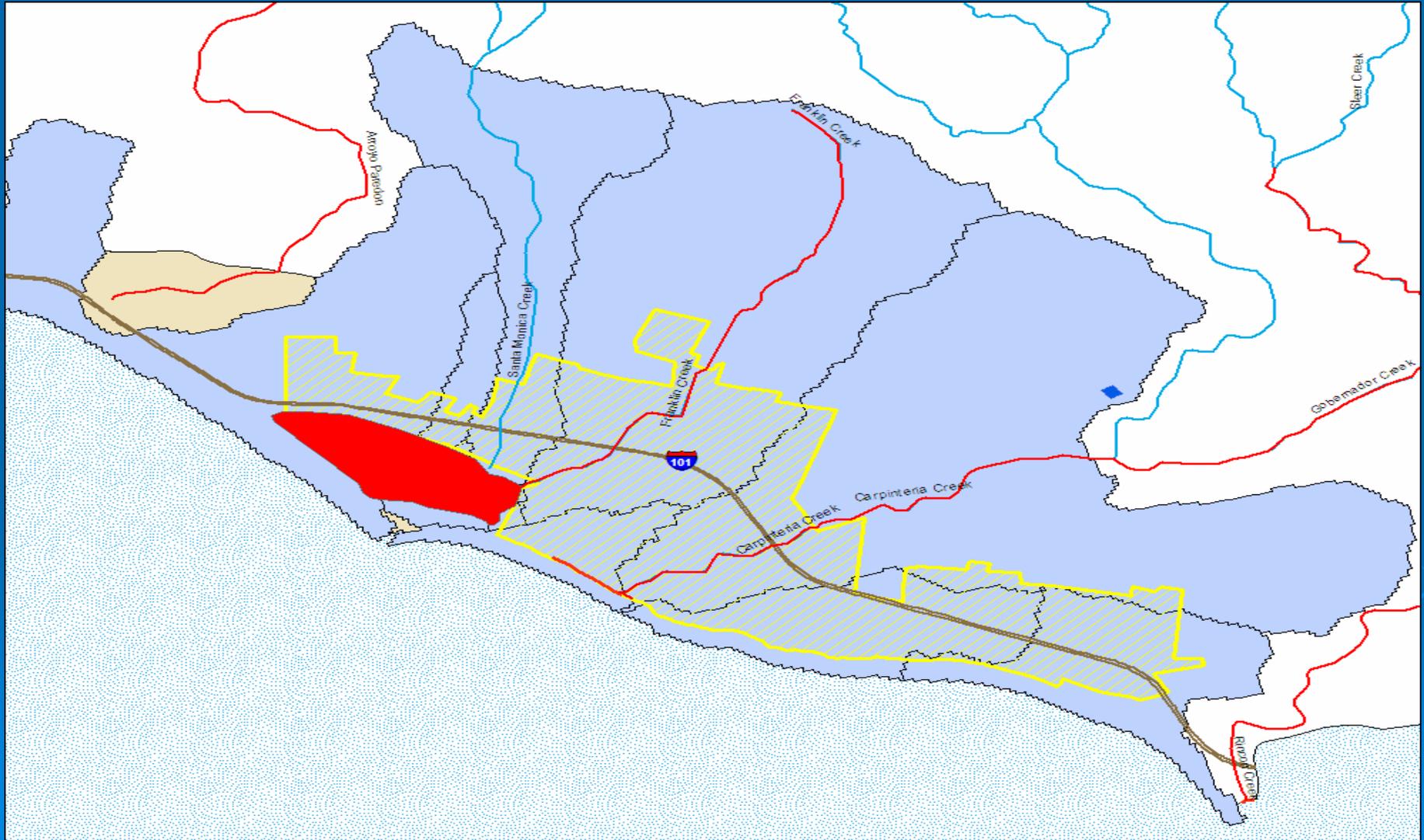
Stakeholder Discussion

- What other water quality concerns can you identify that should be addressed in the City's SWMP?
- Identify Pollutants & Sources

Additional POCs & Sources Identified at WQ Assessment Meeting (4/8/08)

- Automotive shops (e.g. auto repair, auto washing)
- Industrial Discharges (especially near San Jose Ck)
- Assessment of all waterbodies draining to Goleta Slough for POCs.

Carpinteria SWMP Area



Carpinteria Water Quality Assessment

303d List of Impaired Waters

- Carpinteria Ck
 - Pathogens
- Carpinteria St. Beach
 - Total & Fecal Coliform
- Carpinteria Marsh
 - Nutrients, Low DO, Priority Organics
- Franklin Ck
 - Nitrate (NO₃)

Carpinteria Water Quality Assessment Cont...

Potential 303d Pollutant Sources:

- Agriculture
- Land Disposal
- Septage Disposal
- Urban Runoff / Storm Sewers
- Unknown Source

Carpinteria Water Quality Assessment

Cont...

Other Identified Pollutants & Sources:

- Greenhouse / Nursery Discharges
 - Nutrients
- Residential Runoff / Washwater
 - pH, Nutrients
- Rising Groundwater / Private Laterals (Franklin Ck)
 - Nutrients, Hydromodification
- Industrial Discharges (*e.g. Venoco Facility*)
- Trash (*especially in Carpinteria Ck*)

Stakeholder Discussion

- What other water quality concerns can you identify that should be addressed in the City's SWMP?
- Identify Pollutants & Sources

Additional POCs & Sources Identified at WQ Assessment Meeting (4/8/08)

- Horse Corals
- Assessment of all waterbodies draining to Carpinteria Marsh for POCs.

UCSB Water Quality Assessment

303d List of Impaired Waters:

- Goleta Slough
 - Pathogens, Priority Organics

Potential 303d Pollutant Listing Sources:

- Nonpoint Source
- Urban Runoff / Storm Sewers

UCSB Water Quality Assessment Cont...

Other Identified Pollutants & Sources:

- Development
 - Sediment, Hydromodification
- Landscape Irrigation
 - Nutrients

Stakeholder Discussion

- What other water quality concerns can you identify that should be addressed in the University's SWMP?
- Identify Pollutants & Sources

Additional POCs & Sources Identified at WQ Assessment Meeting (4/8/08)

- Trash
- Copper