Public Workshop
Goleta Valley Community Center

November 6, 2019
6:30 p.m.
Workshop Agenda

• Introductions 5 minutes

• Project Overview 20 minutes
  • Background
  • Status of CWMP
  • Field Work Summary
  • Questions

• Group Exercise 45 minutes
  • Break into Work Groups
  • Respond to Questions
  • Group Reports

• Closing Comments 5 minutes

• Networking 15 minutes
Introductions

• City Team
  • Andy Newkirk                Senior Planner
  • Pam Ricci                   Contract Planner
  • Anne Wells                  Planning Manager
  • Gillian Fennessy           Planning Intern
  • Yoshi Jimenez               Spanish Translator

• Dudek
  • John Davis IV              Project Manager, Ecologist
  • Melissa Blundell           Deputy PM, Biologist
  • Jane Gray                  Public Outreach Specialist
  • Matt Naftaly               Hydrogeologist
  • Anne Senter (Balance Hydrologics) Geomorphologist
Background

• CWMP – Long term goal of City since General Plan adopted in 2006

• Conservation Element – CE-IA-3
  • The CWMP will provide a detailed approach for protecting the ecological function, water quality, and drainage and flood control of Goleta’s creeks and watersheds.

• CWMP will:
  • Provide information about the physical characteristics of the creek corridors and their habitats;
  • Identify places where repairs or improvements are warranted; and
  • Provide best management practices to keep the creeks vital and healthy
Status – Key CWMP dates

- **June 4, 2019** – City Council approved contract with Dudek to prepare the CWMP

- **July 29, 2019** – Kickoff meeting with project team

- **August & September 2019** – biology and water quality and geomorphology field work

- **November 6, 2019** – first public workshop

- **November 13, 2019** – first Technical Advisory Committee meeting
Public Outreach

• The CWMP has a Public Communication & Engagement Plan to guide public outreach, including:
  • Additional Public Workshops – mid-winter 2020 and early summer 2020
  • TAC meetings – open to public to attend
  • Planning & City Council meetings for review and adoption of CWMP
  • Email blasts
  • Website - tinyurl.com/GoletaCWMP
Field Work Updates

Biological Assessment

- **Biological Survey Area**
  - 400 foot swath
  - Approx. 660 acres

- **Vegetation Communities**
  - 11 Veg Communities
  - 8 Land Cover Types
  - 15 within or directly adjacent to creeks
  - 4 only outside of creeks: AG, CYS, DEV, RUD

<table>
<thead>
<tr>
<th>Veg Community/Land Cover</th>
<th>Acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developed</td>
<td>401.11</td>
</tr>
<tr>
<td>Eucalyptus Woodland</td>
<td>65.08</td>
</tr>
<tr>
<td>Grassland</td>
<td>40.71</td>
</tr>
<tr>
<td>Western Sycamore – Coast Live Oak – Arroyo Willow</td>
<td>37.04</td>
</tr>
<tr>
<td>Arroyo Willow Thicket</td>
<td>24.04</td>
</tr>
<tr>
<td>Coast Live Oak – Arroyo Willow</td>
<td>21.06</td>
</tr>
<tr>
<td>Coast Live Oak Woodland</td>
<td>17.37</td>
</tr>
<tr>
<td>Agricultural Land</td>
<td>10.89</td>
</tr>
<tr>
<td>Western Sycamore</td>
<td>8.99</td>
</tr>
<tr>
<td>Coyote Brush Scrub</td>
<td>7.49</td>
</tr>
<tr>
<td>Flood Control Concrete Channel</td>
<td>7.37</td>
</tr>
<tr>
<td>Beach</td>
<td>6.15</td>
</tr>
<tr>
<td>Coastal Sage Scrub</td>
<td>4.93</td>
</tr>
<tr>
<td>Ruderal</td>
<td>3.50</td>
</tr>
<tr>
<td>Unvegetated</td>
<td>2.27</td>
</tr>
<tr>
<td>Open Water</td>
<td>1.85</td>
</tr>
<tr>
<td>Cattail Marsh</td>
<td>1.10</td>
</tr>
<tr>
<td>Western Sycamore – Coast Live Oak</td>
<td>0.28</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>661.25</strong></td>
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Water Quality Overview

Creek Beneficial Uses

- Habitat (including endangered steelhead trout)
- Supply (Municipal, Agricultural, Industrial)
- Groundwater Recharge
- Recreation

Primary Water Quality Impairments

<table>
<thead>
<tr>
<th>Pollutant</th>
<th>Potential Sources</th>
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<tbody>
<tr>
<td>Indicator Bacteria (i.e. fecal coliform)</td>
<td>Agriculture, Animal Feeding Lots/Grazing, Urban Runoff, Sewer/Septic Discharge, Natural Sources</td>
</tr>
<tr>
<td>Biostimulatory Substances (i.e. nitrate)</td>
<td></td>
</tr>
<tr>
<td>Trash</td>
<td>Urban Runoff</td>
</tr>
<tr>
<td>Dissolved Oxygen &amp; pH</td>
<td>Channelization (algal blooms associated with shallow water, reduced riparian canopy, &amp; high temperatures)</td>
</tr>
</tbody>
</table>
Water Quality Overview
Field Work Updates

Geomorphologic assessment

• Variety of channel types:
  • Natural (varying degree of impacts)
  • Earthen engineered
  • Concrete engineered
  • Culverts (underground, bridge)
Field Work Updates

Types of geomorphic impacts identified:

- Knickpoints (fish passage impediments)
- Channel realignment/straightening
- Hardened bed/banks
- High sedimentation
- Bank erosion

- Incision (historical/current)
- In-channel fence revetment
- Lack of riparian bank protection
QUESTIONS?
Group Exercise

• Join one of the table hosts for a discussion focused on creek corridors that you are interested in.

• Discuss with group members the following questions:

  1. What do you value most about City creeks and watersheds?
  2. What are the main concerns for you with the creek corridor that you are most interested in? With creek corridors Citywide?
  3. What specific types of projects would you most like to see happen?
  4. What type of information would be most beneficial to include in the CWMP to address your goals?

• Pick a person to summarize and report out on your group’s discussion.
CREEK & WATERSHED MANAGEMENT PLAN
PUBLIC WORKSHOP

CITY OF GOLETA
CREEK & WATERSHED MANAGEMENT PLAN

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