Construction Storm Water Program Update

September 12, 2018

DRAFT
August 27, 2018
Introduction

Kevin Faulconer
Mayor / Chief Executive Officer

Kris Michell
Chief Operating Officer

Stacey LoMedico
Assistant Chief Operating Officer

Johnnie Perkins Jr.
Deputy Chief Operating Officer
Infrastructure/Public Works

David Graham
Deputy Chief Operating Officer
Neighborhood Services

Kris McFadden
Director of Transportation & Storm Water

James Nagelvoort
Director of Public Works

Elyse Lowe
Director of Development Services

Environmental Services
Public Utilities

Civic San Diego
Economic Development
Planning Sustainability
Overview

- Commitment
- Construction Storm Water Program Update
  - Improved Implementation
    - Updated Storm Water Standards Manual (SWSM)
  - Trained Staff
  - Enhanced Communication
  - Strengthened Enforcement
- Supplemental Environmental Projects (SEPs)
Water Quality Commitment

- Important to Quality of Life & Economy
- Sustainable Improvements
- Addressing Los Peñasquitos Sediment TMDL
Improved Implementation

Evaluated the Construction Storm Water Program

Updated the Storm Water Standards Manual to Improve Clarity and Enforceability of BMP Performance Expectations
Trained Staff

- Specialty Storm Water Personnel Increased by 52%
- Committed to Thorough Storm Water Training
  - Five (5) Multi-Department Wet Season Trainings this Fall
  - New Year-Round Training Series in Development
Enhanced Communication

◇ External

◇ Industry Training this Fall
◇ Targeted Outreach to Small Developers
◇ Frequent On-Site Education

◇ Internal

◇ Interdepartmental Coordination
◇ Ongoing Development of Enhanced Coordination Database
Strengthened Enforcement

Number of Enforcement Actions vs. Rainy Days for Fiscal Years 2017 and 2018:

- **2017**: 5605 Enforcement Actions, 23 Rainy Days
- **2018**: 5331 Enforcement Actions, 9 Rainy Days
Supplemental Environmental Projects

Chollas Creek Restoration Opportunities

<table>
<thead>
<tr>
<th>Objective: Identify and prioritize restoration locations with the greatest potential for water quality and community enhancement benefits</th>
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<tbody>
<tr>
<td>✓ Field reconnaissance performed to assess feasibility and existing conditions</td>
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<tr>
<td>✓ Preliminary engineering analysis completed</td>
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<tr>
<td>✓ Five locations identified and ranked</td>
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Cost: $72,400
Status: Completed
San Diego River Restoration and Arundo Removal

<table>
<thead>
<tr>
<th>Objective:</th>
<th>Implement strategic trash clean-ups and removal of invasive Arundo species in the San Diego River</th>
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<tbody>
<tr>
<td>✓ Completed surveys for trash and Arundo removal locations</td>
<td>✓ 38,350 pounds of trash removed</td>
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Cost: $225,000
Status: Ongoing Complete in FY 2020
### Bioassessment Tools and Priorities for Action

**Objective:** Develop a tool to prioritize restoration and protection for local stream health

<table>
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<tr>
<th>Status</th>
<th>Cost: $683,932</th>
<th>Complete in FY 2020</th>
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- Conducted kickoff meeting and internal workshops with SCWWRP and RWQCB staff
- Developing Screening Causal Assessment diagnostic tools
### Los Peñasquitos Lagoon Inlet Restoration

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<th>Objective: Excavate and remove sand in the lagoon inlet and remove trash and debris from the Lagoon to restore tidal circulation and beneficial uses</th>
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<tr>
<td>✓ Excavated 34,500 cubic yards of sand</td>
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<tr>
<td>✓ Removed abandoned irrigation lines</td>
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<tr>
<td>✓ Tidal circulation restored</td>
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**Cost:** $630,000  
**Status:** Ongoing  
**Complete in FY 2021**
Closing Remarks

◊ The City is Committed to Water Quality

◊ The City has Strengthened its Construction Storm Water Program
  ◊ Improved Implementation
    (Clear Guidance and Expectations)
  ◊ Increased Training and Education
  ◊ Enhanced Communication
  ◊ Strengthened Enforcement