

# Construction Storm Water Program & Supplemental Environmental Projects Update

September 12, 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**  
City Engineer & Director  
of Public Works



**Elyse Lowe**  
Director of  
Development Services



# 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



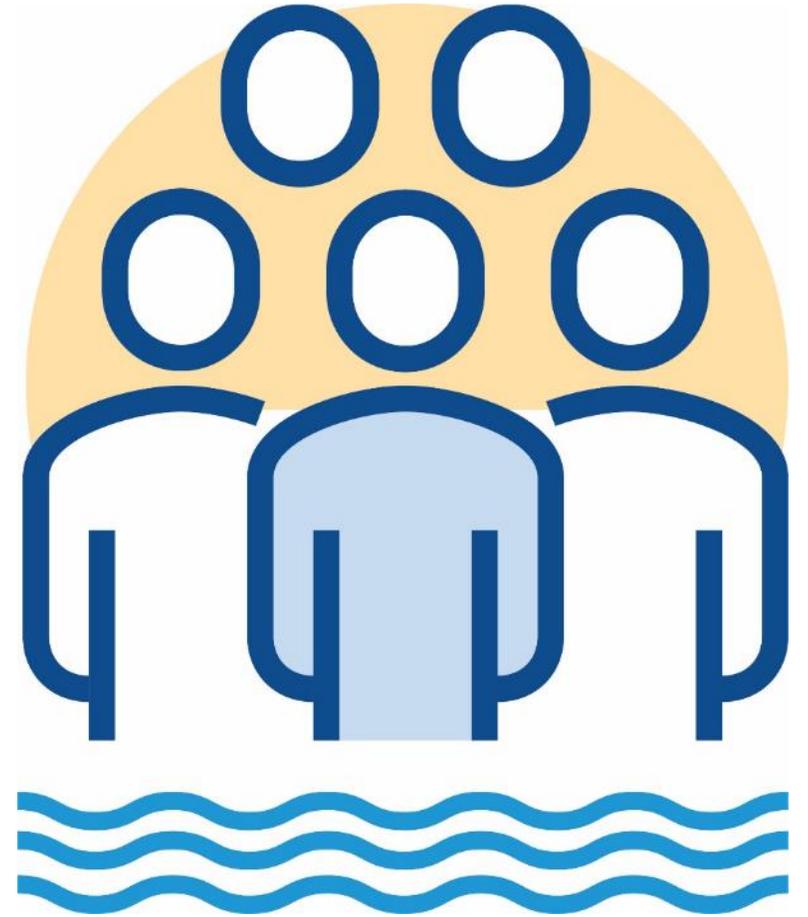
**Evaluated** the Construction Storm Water Program



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



# Enhanced Communication

## ◆ External

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

## ◆ Internal

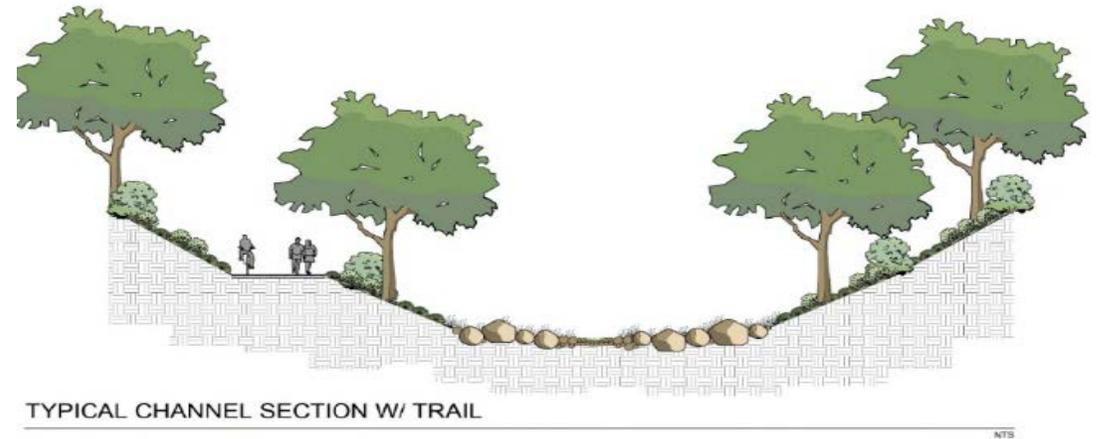
- ◆ Interdepartmental Coordination
- ◆ Ongoing Development of Enhanced Coordination Database



# Strengthened Enforcement



# Supplemental Environmental Projects



## Chollas Creek Restoration Opportunities

Cost: \$72,400

Status: Completed

**Objective:** Identify and prioritize restoration locations with the greatest potential for water quality and community enhancement benefits

- ✓ Field reconnaissance performed to assess feasibility and existing conditions
- ✓ Preliminary engineering analysis completed
- ✓ Five locations identified and ranked
- ✓ Stream Restoration Capital Improvement Project initiated



**San Diego River Restoration and Arundo Removal**

**Cost: \$225,000**

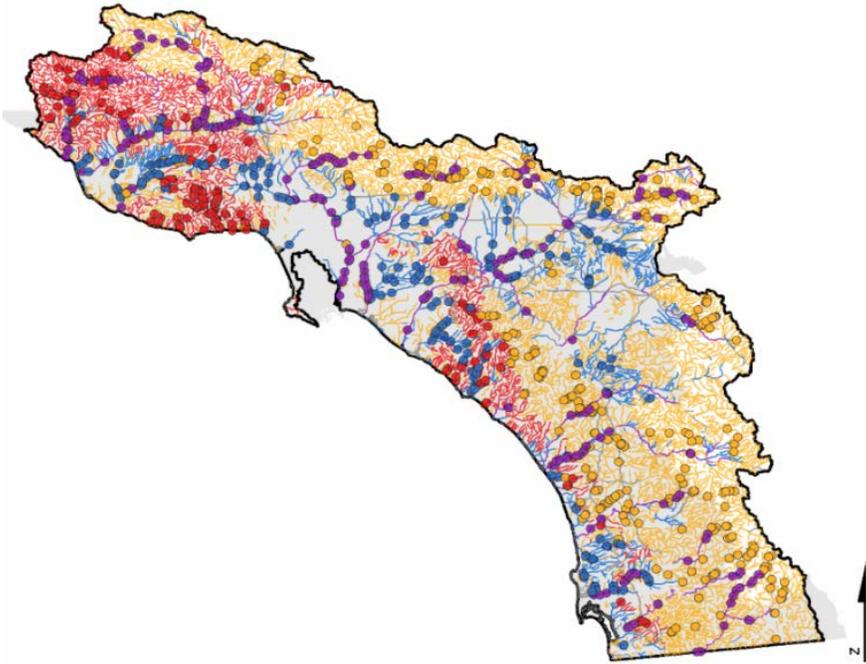
**Status: Ongoing**  
*Complete in FY 2020*

**Objective:** Implement strategic trash clean-ups and removal of invasive Arundo species in the San Diego River

✓ Completed surveys for trash and Arundo removal locations

✓ 38,350 pounds of trash removed

✓ Securing contracts and permits for Arundo removal



Cypress Canyon Creek

**Bioassessment Tools and Priorities for Action**

**Cost: \$683,932**

**Status: Ongoing**  
*Complete in FY 2020*

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

✓ Conducted kickoff meeting and internal workshops with SCWWRP and RWQCB staff

✓ Developing Screening Causal Assessment diagnostic tools



Lagoon Inlet Before Excavation



Lagoon Inlet Post Excavation

|  |                               |  |
|--|-------------------------------|--|
| <p><b>Los Peñasquitos Lagoon Inlet Restoration</b></p> | <p><b>Cost: \$630,000</b></p> | <p><b>Status: Ongoing</b><br/><i>Complete in FY 2021</i></p> |
|--|-------------------------------|--|

**Objective:** Excavate and remove sand in the lagoon inlet and remove trash and debris from the lagoon to restore tidal circulation and beneficial uses

- ✓ Excavated 34,500 cubic yards of sand
- ✓ Removed abandoned irrigation lines
- ✓ Tidal circulation restored

# 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



# Questions and Discussion