



## **Annual Soft Bottom Channel** Clearing 2015 **Los Angeles River and Compton Creek** Pilot Project Ron Lacayo **Flood Maintenance Division**

October 28, 2015



### **Annual SBC Clearing 2015**



### Los Angeles River– Reach 25 Compton Creek– Reach 24

- Willow to PCH
  - East & West Bank
- 1 mile
- Oct 12 Oct 26, 2015

- 91 Fwy to 710 Fwy
  - East & West Bank
- 2.5 miles
- Sept 21 Oct 10, 2015



# **Pilot Highlights**



- Invert mowing with skid steer maintained good progress
- Excavator with flail mower used near water line prevented high turbidity readings and ensured water quality.
- Removal of invasive species (Arundo and Castor Bean) with excavator and grapple attachment proceeded well, and ensured proper removal and handling.
- Mowing of channel invert went smoothly
- Reduced amount of dump trucks needed
- Water consumption reduced
- Biologist was on site to monitor activities



### **Before & After Photos**

#### Los Angeles River







### **Before & After Photos**

#### Compton Creek











After:

# PUBLIC WORKS

### **During Photos**





Skid Steer w/ Mower



*Skid Steer w/ Mower & Dump Truck* 



Excavator w/ Flail Mower



Skid Steer w/ Mower



Skid Steer w/ Mower



Excavator w/Flail Mower

#### Los Angeles River:

Compton Creek:



### **Equipment Used**





Excavator w/ Grapple Attachment (LAR) Used to carefully remove invasive species.

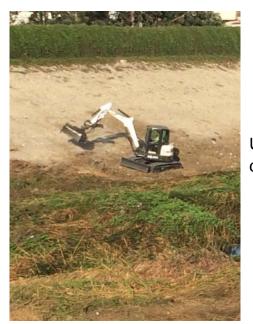


Front Loader & 10 yd. Dump Truck (LAR)

Used to transport vegetation from site.

# Equipment Used





WOR

Excavator w/Flail Mower (CC) Used to remove vegetation on the side slope.



Skid Steer w/ Mower (LAR) Used in the invert to mow vegetation.

### Equipment Used



- 1. Used to carefully remove invasive species (Arundo).
- 2. Used in the invert to mow vegetation.
- 3. Used near the water line to carefully mow vegetation and prevent high turbidity readings.