

# SAN DIEGUITO WETLANDS RESTORATION PROJECT

## California Coastal Commission Annual Review Workshop

May 2, 2022

Setal Prabhu



Energy for What's Ahead®





# Recent Activities at San Dieguito

- Strategy and Approach
- Implementation
- Summary and Next steps



# Strategy and Approach

Goal: Meet absolute performance standard for habitat area

Focus: Salt Marsh

- Approach

Annually assess acres needed: MSI aerial data + field assessments

Areas requiring remedial measures

Prioritization (2018-2020: >3.5ft NGVD, 2021-2022: <3.5ft NGVD, W2/3)

Collaborate on decisions

Cost-benefit analysis



Salt Marsh – sufficient cover

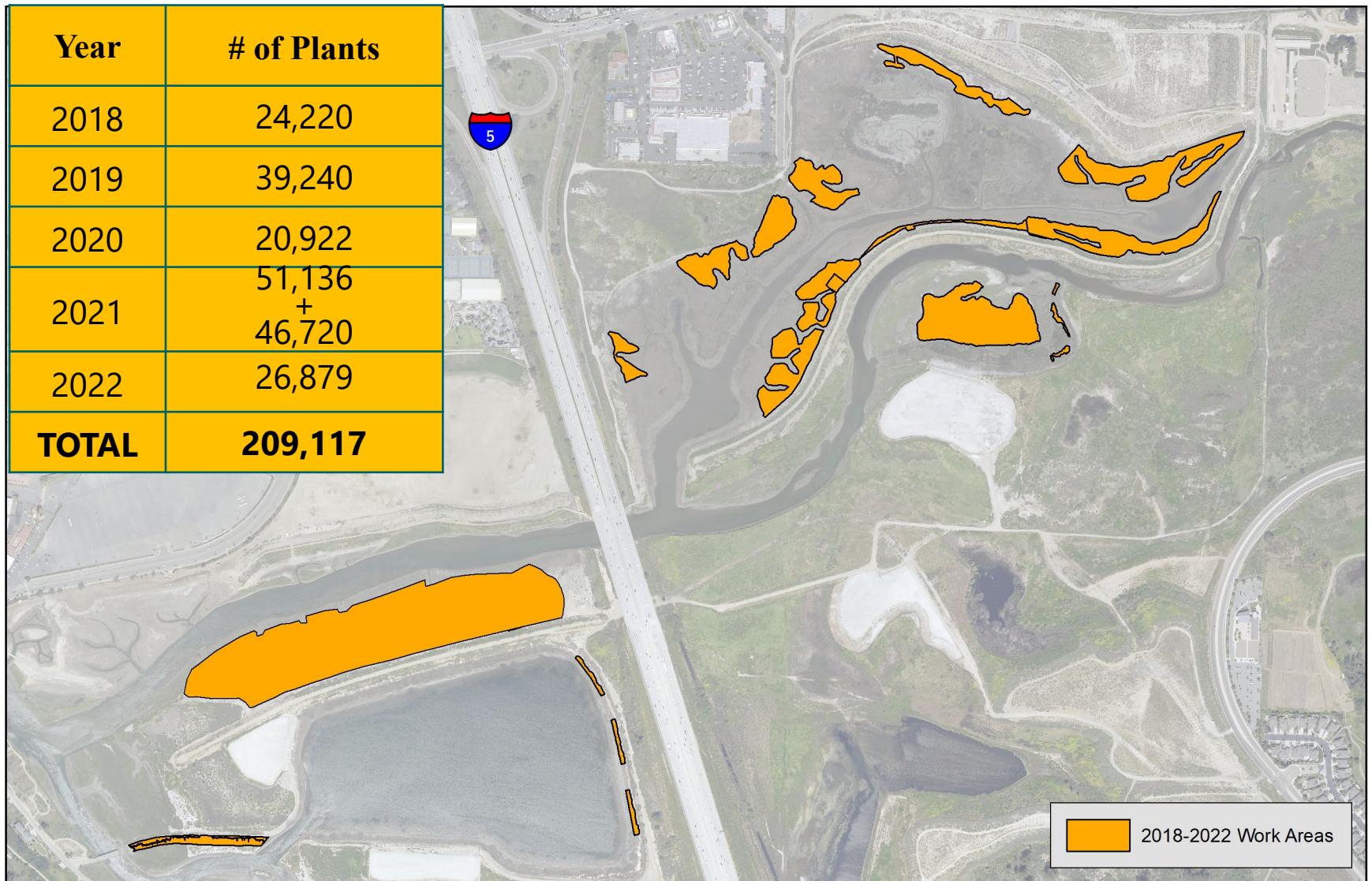


Other – insufficient cover



# Work Areas (2018-2022)

Year	# of Plants
2018	24,220
2019	39,240
2020	20,922
2021	51,136 + 46,720
2022	26,879
<b>TOTAL</b>	<b>209,117</b>



500 250 0 500 Feet

Scale: 1:10,000; 1 inch = 833 feet



# 2022 Planting





# Plants Species

Scientific Name	Common Name
<i>Arthrocnemum subterminale</i>	Parish's glasswort
<i>Batis maritima</i>	Saltwort
<i>Distichlis littoralis</i>	Shoregrass
<i>Distichlis spicata</i>	Salt grass
<i>Frankenia salina</i>	Alkali heath
<i>Jaumea carnosa</i>	Salty Susan
<i>Limonium californicum</i>	Sea lavender
<i>Salicornia pacifica</i>	Pickleweed
<i>Suaeda esteroa</i>	Estuary seablite
<i>Suaeda taxifolia</i>	Wooly seablite
<i>Triglochin maritima</i>	Arrow-grass

**Total planted: 209,117**





2019 to present





2019 to present





2021 to present



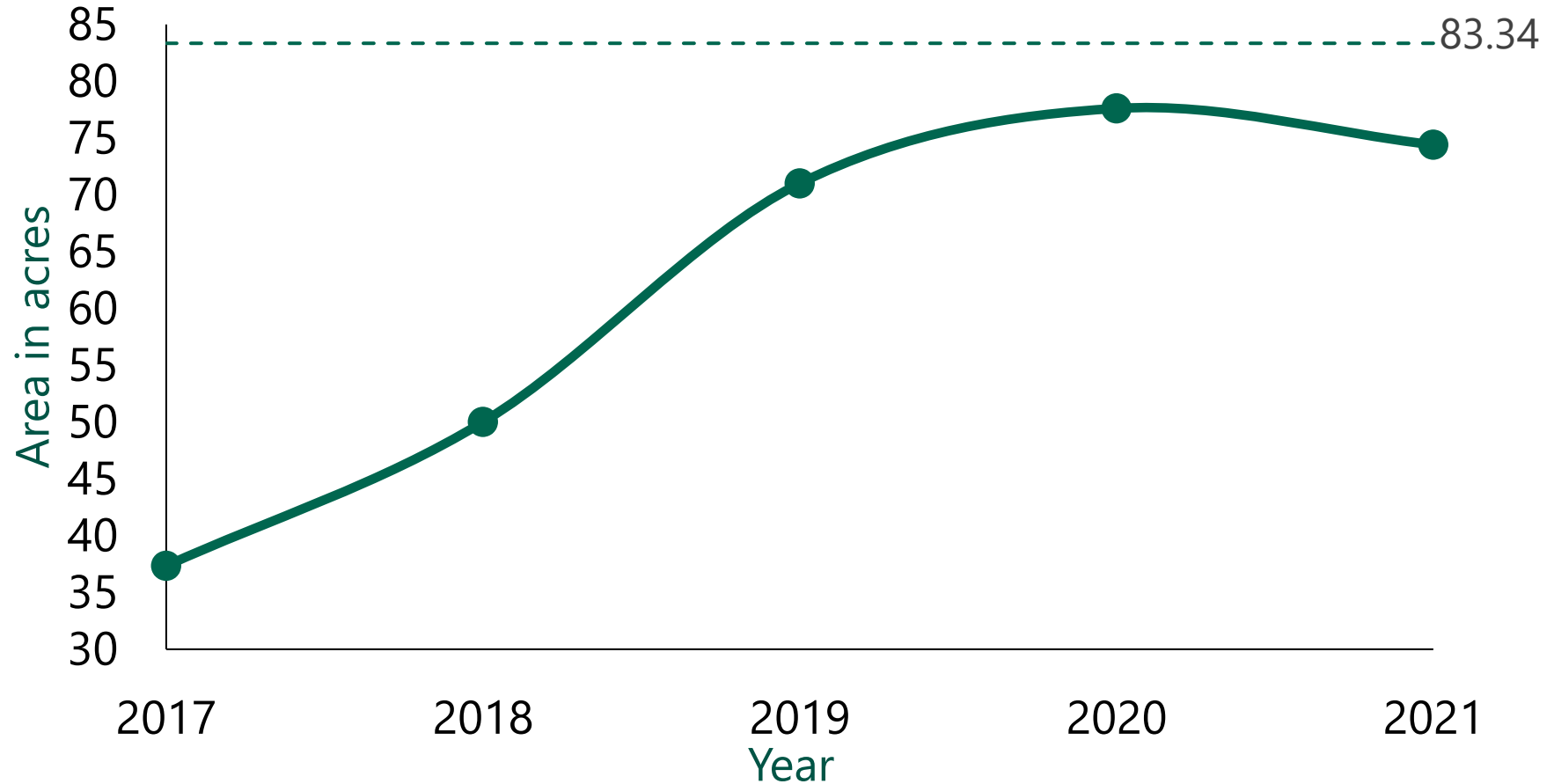


# Photos from the Wetlands





# Change in Salt Marsh Habitat Area (Acres)



# Summary and Next Steps

- Meet absolute standard
- Implement activities annually based on:
  - MSI monitoring data
  - Real-time field conditions
  - Cost/Budget
- Rinse and repeat
- Ongoing collaboration and consensus with MSI, SAP, and CCC
  - Planting
  - Other remedial measures to meet overarching permit conditions





# THANK YOU



Contact: [Setal.Prabhu@SCE.com](mailto:Setal.Prabhu@SCE.com)

Energy for What's Ahead®



# Agenda

## Annual Public Workshop

### San Onofre Nuclear Generating Station Wetland Mitigation Project

May 2, 2022

- 1:30 – 1:40 Introduction and Overview – *Steve Schroeter, UCSB*
- 1:40 – 2:20 Performance of the San Dieguito Wetlands Restoration Project – *Kat Beheshti, UCSB*
- 2:20 – 2:50 Salt Marsh Vegetation and Biological Standards: Status Update – *Mark Page, UCSB*
- 2:50 – 3:00 SCE planting program – *Setal Prabhu, SCE*
- 3:00 – ? General Discussion

For more information go to: <http://marinemitigation.msi.ucsb.edu/>

UC SANTA BARBARA  
Marine Mitigation

About Wetland Artificial Reef Library Data

