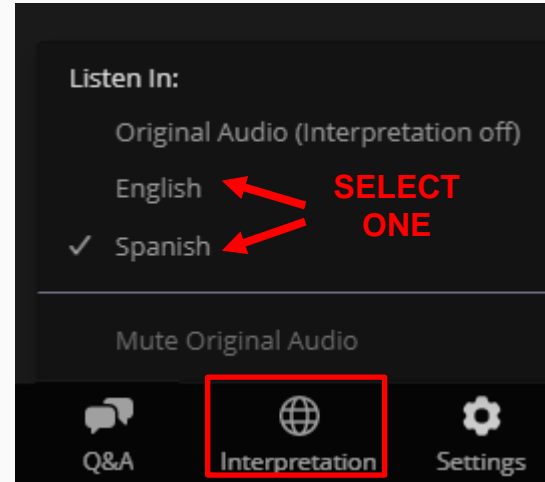
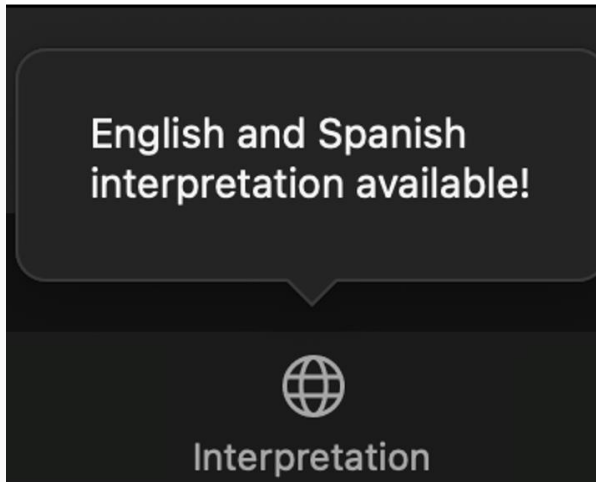


Ballona Creek Trash Interceptor Pilot Project: Meeting Logistics

IF YOU WANT TO LISTEN IN ENGLISH, CLICK THE ENGLISH CHANNEL
SI QUIERES ESCUCHAR EN ESPAÑOL HAZ CLIC EN EL CANAL EN ESPAÑOL





Ballona Creek Trash Interceptor Pilot Project Community Meeting

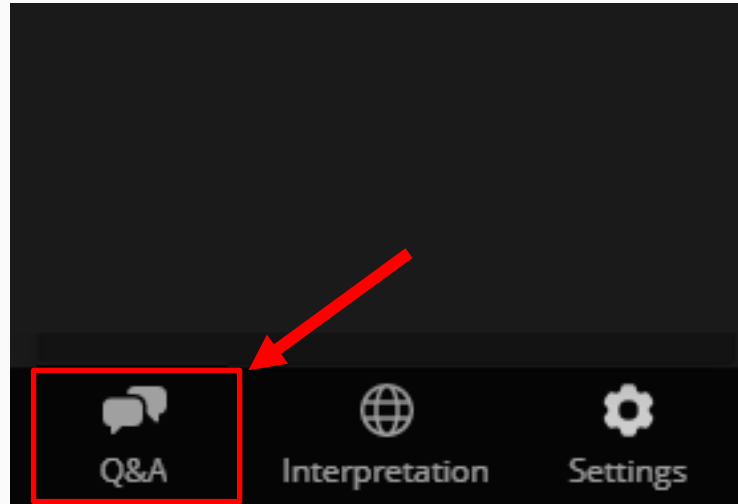
March 23, 2022

Agenda

- Overview of:
 - Ballona Creek Watershed
 - The Trash Issue & Efforts
- The Interceptor™
- Q&A/Comments



How to Submit Questions/Comments



*For attendees joining via dial-in:
9 to raise/lower hand

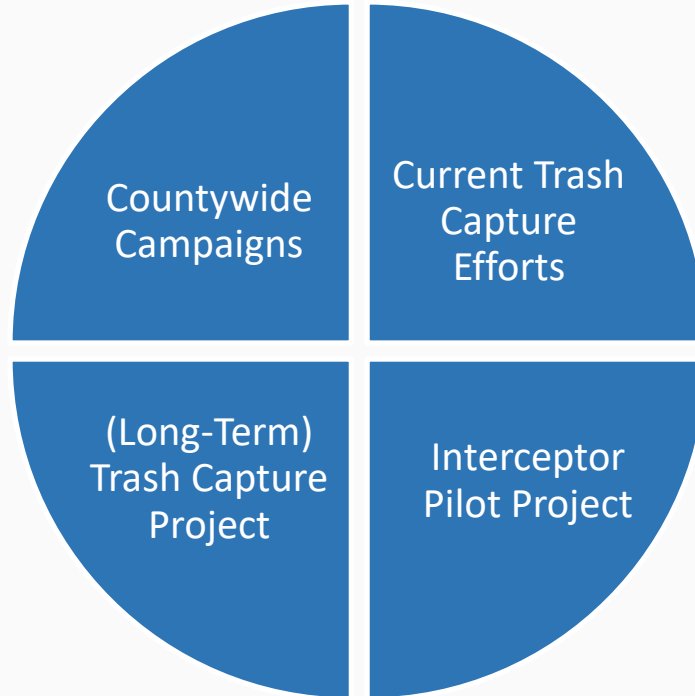
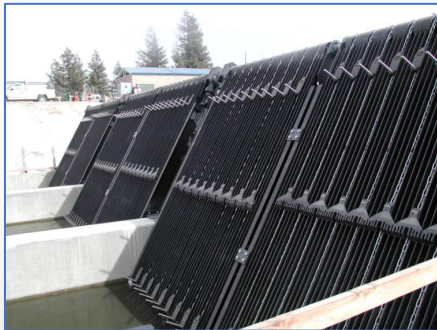
Community Outreach Summary

- October 2020 - Virtual Stakeholders Community Meeting
- June 2021 - Virtual Residents Meeting
- September 2021 - Virtual Residents Engineering Info Session
- January 2022 – Virtual Residents Update Meeting
- March 2022 – Virtual Community Meeting

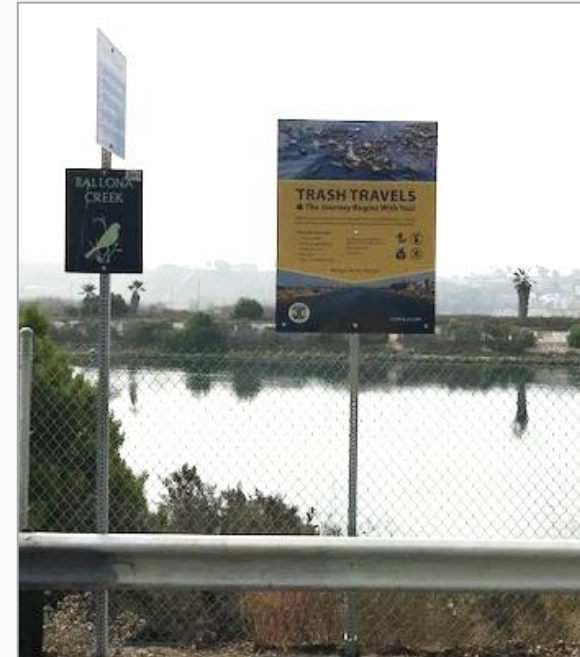
Ballona Creek Channel



Overview of Trash Mitigation Efforts



Public Education Campaign



Public Education Campaign

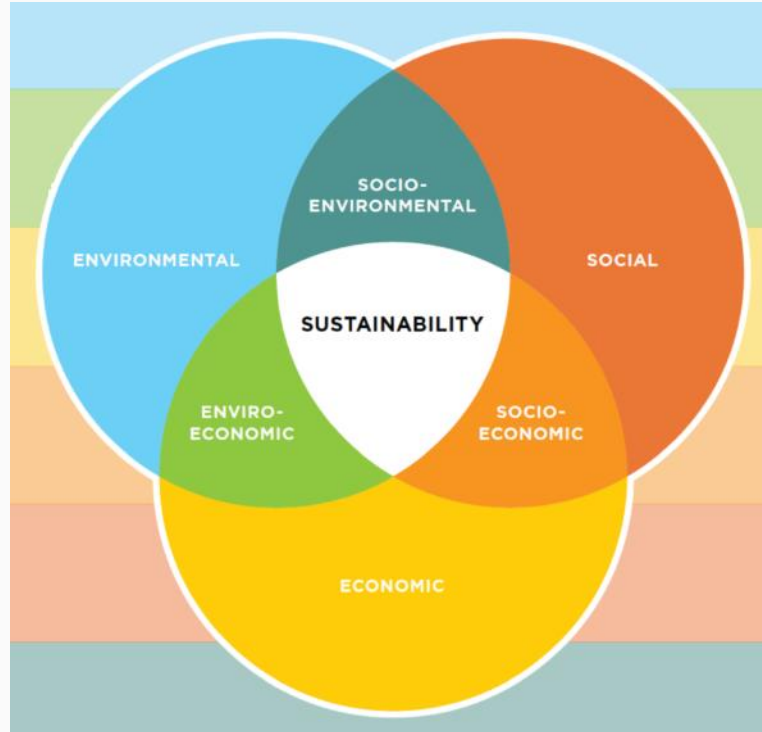


24
HOURS
=
1,000,000
PIECES



<https://waterforla.com/>

Public Education Campaign



Los Angeles County 
ZERO WASTE
Plan

zerowastelacounty.org

Ballona Creek Trash Issue

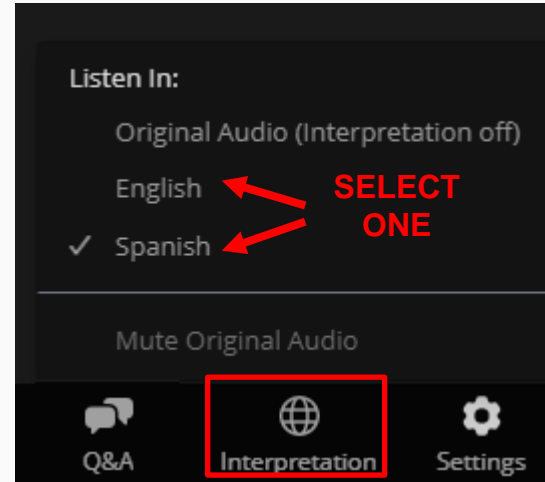
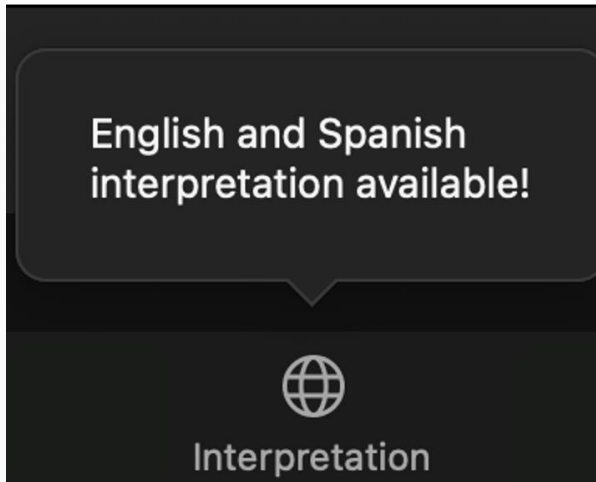


Ballona Creek Trash Issue



Ballona Creek Trash Interceptor Pilot Project: Meeting Logistics

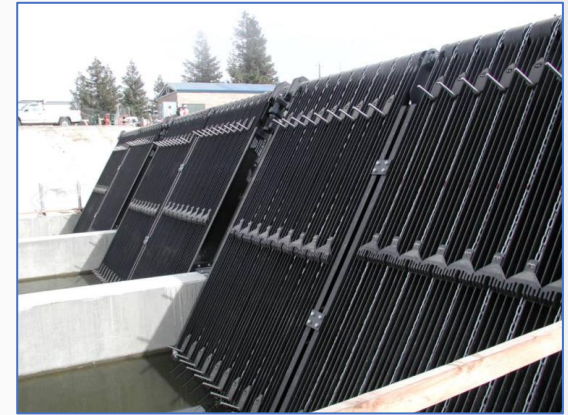
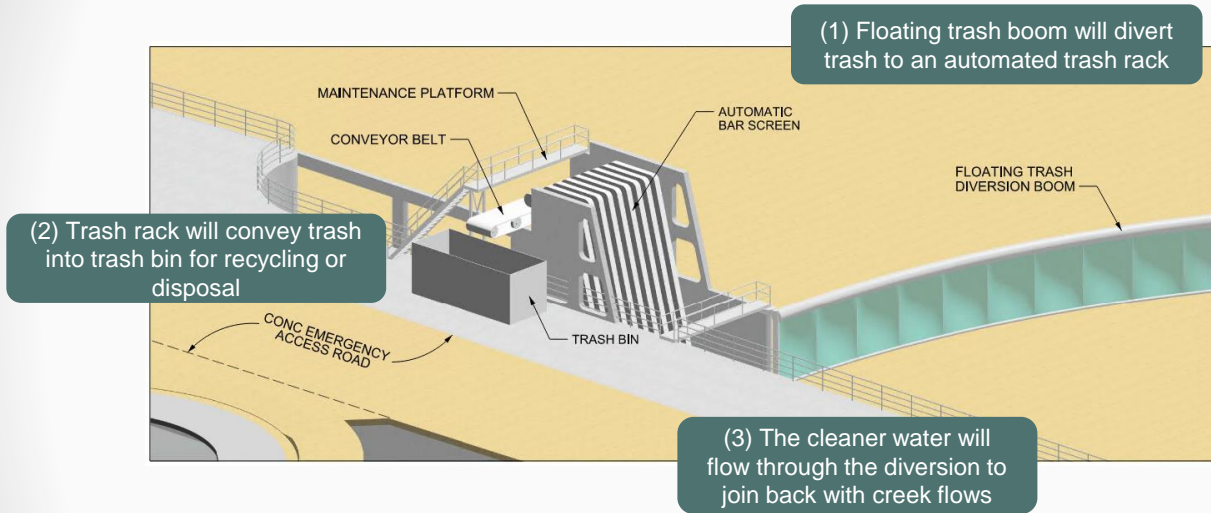
IF YOU WANT TO LISTEN IN ENGLISH, CLICK THE ENGLISH CHANNEL
SI QUIERES ESCUCHAR EN ESPAÑOL HAZ CLIC EN EL CANAL EN ESPAÑOL



Current Trash Capture Efforts: Challenges



Ballona Creek Trash Capture Project



The Ocean Cleanup

- Non-profit foundation
- Founded in 2013
- Mission: To rid the world's oceans of plastic
- Initiatives
 - Rivers
 - 1,000 rivers, 80% of pollution







THE OCEAN
CLEANUP

INTERCEPTOR
007

BY OCEAN CLEANUP
COMPANY NAME

COMPANY NAME
COMPANY NAME
COMPANY NAME

BOV

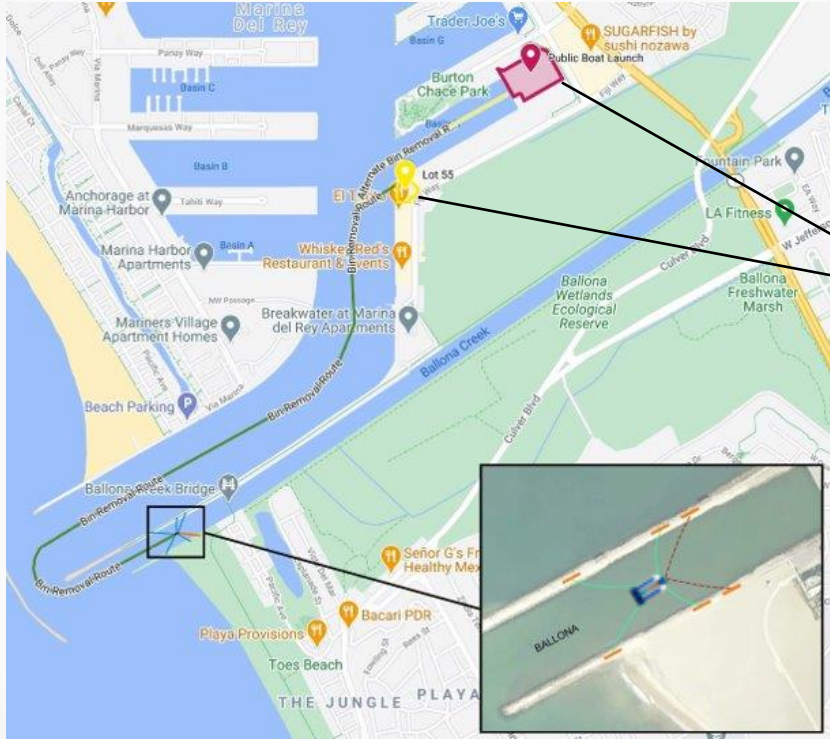
Location



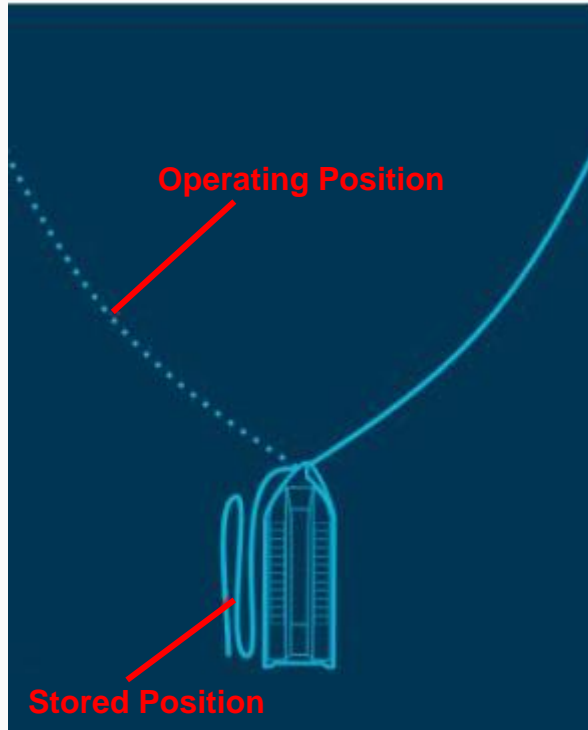




Operations and Maintenance (O&M)



Operations and Maintenance (O&M)

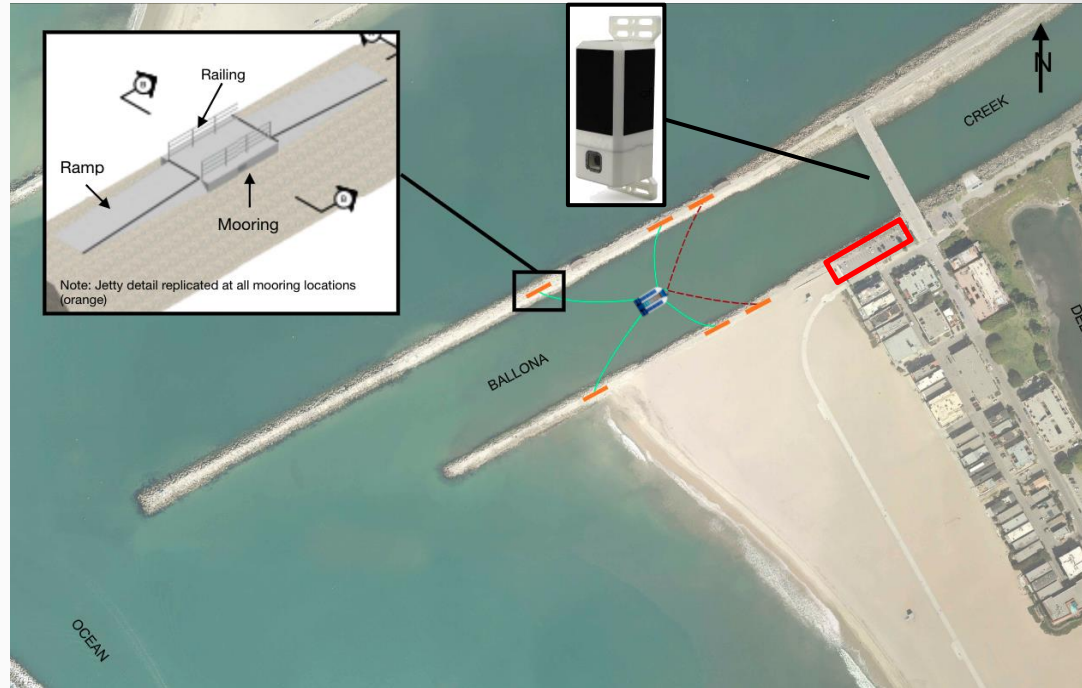


Boom O&M

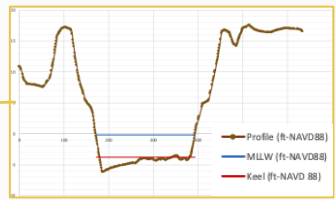
- During a storm event: 2 booms
- Non-storm event: 1 boom
- Existing trash boom *may* be temporarily unclipped to fully test the effectiveness of the Interceptor

Construction and Deployment

- Components
 - Moorings
 - Monitoring System
 - Educational Signage
- Construction staging in the parking lot west of the bridge
- Construction Cost: \$1.5 million



Placement/Deployment Considerations



Considerations and Analysis

- Lighting
- Noise
- Odors
- Rodents/ Pests



Image of Dominican Republic Deployment

Considerations and Analysis

- Lighting
- Noise
- Odors
- Rodents/ Pests



Considerations and Analysis

Operational Noise Analysis

Noise Sensitive Receptor	Period	Pilot Project Noise Level at Receptor (Leq dBA)	Average Ambient Noise Level at Receptor (Leq dBA)	Pilot Project + Ambient Noise Levels at Receptor (Leq dBA)	Increase at Receptor with Pilot Project (Leq dBA)
Residential	Day	50.9	64.5	64.7	0.2
	Evening	50.9	61.0	61.4	0.4
	Night	50.9	60.7	61.1	0.4
Recreation (Pacific Avenue Bridge)	Day	50.4	59.7	60.2	0.5
	Evening	50.4	55.5	56.7	1.2
	Night	50.4	54.3	55.8	1.5

- Lighting

- Noise

- Odors

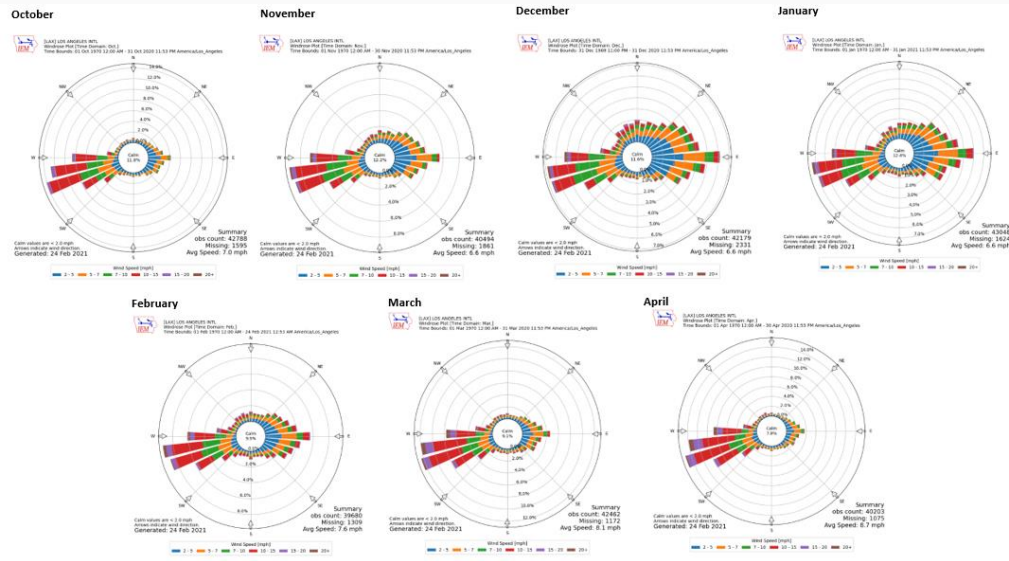
- Rodents/ Pests

- Minimal mechanical components
- Conveyor belt operation
 - 60-70 decibels at the Interceptor

Considerations and Analysis

Wind Analysis

- Lighting
- Noise
- Odors
- Rodents/ Pests



- Perforated bins to minimize standing water
- Trash expected to be 75% inorganics
- Odors anticipated to be localized
- Average wind direction towards East/Northeast

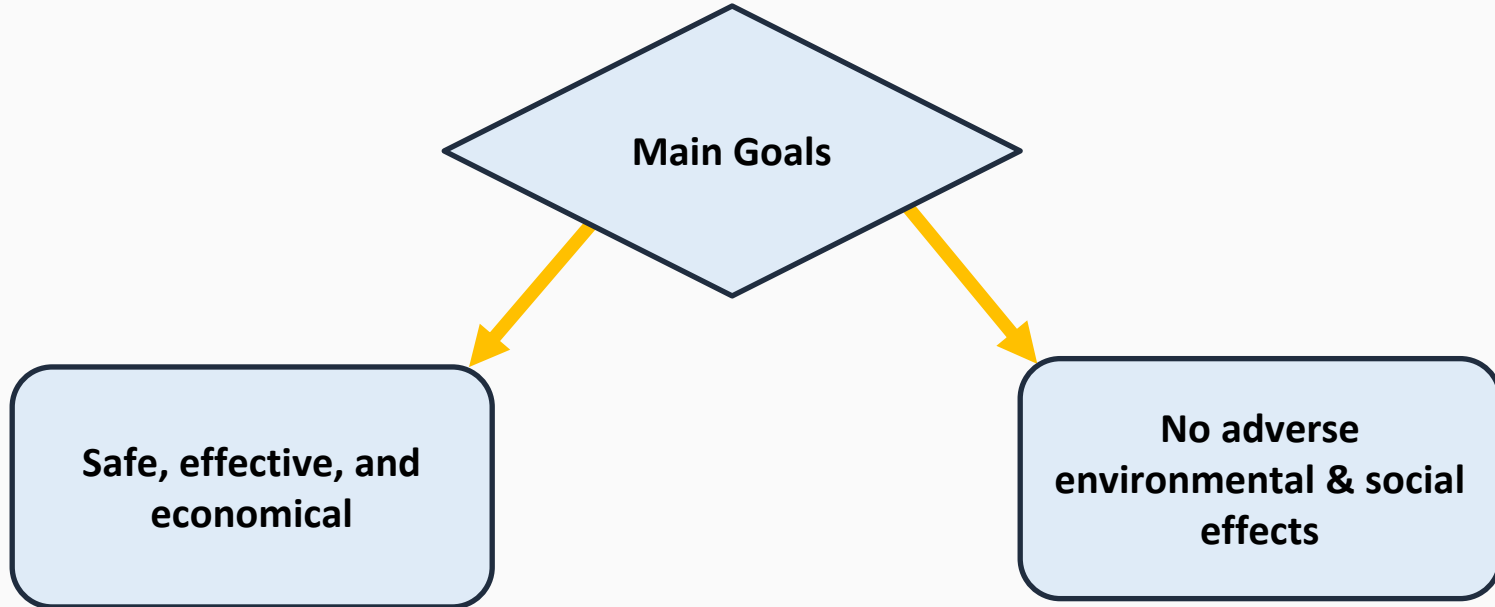
Considerations and Analysis

- Lighting
- Noise
- Odors
- Rodents/ Pests



- No rodents in other Interceptor deployments or Lincoln trash boom
- Flies and other insects may be present but are expected to be localized on Interceptor, minimized by perforated bins

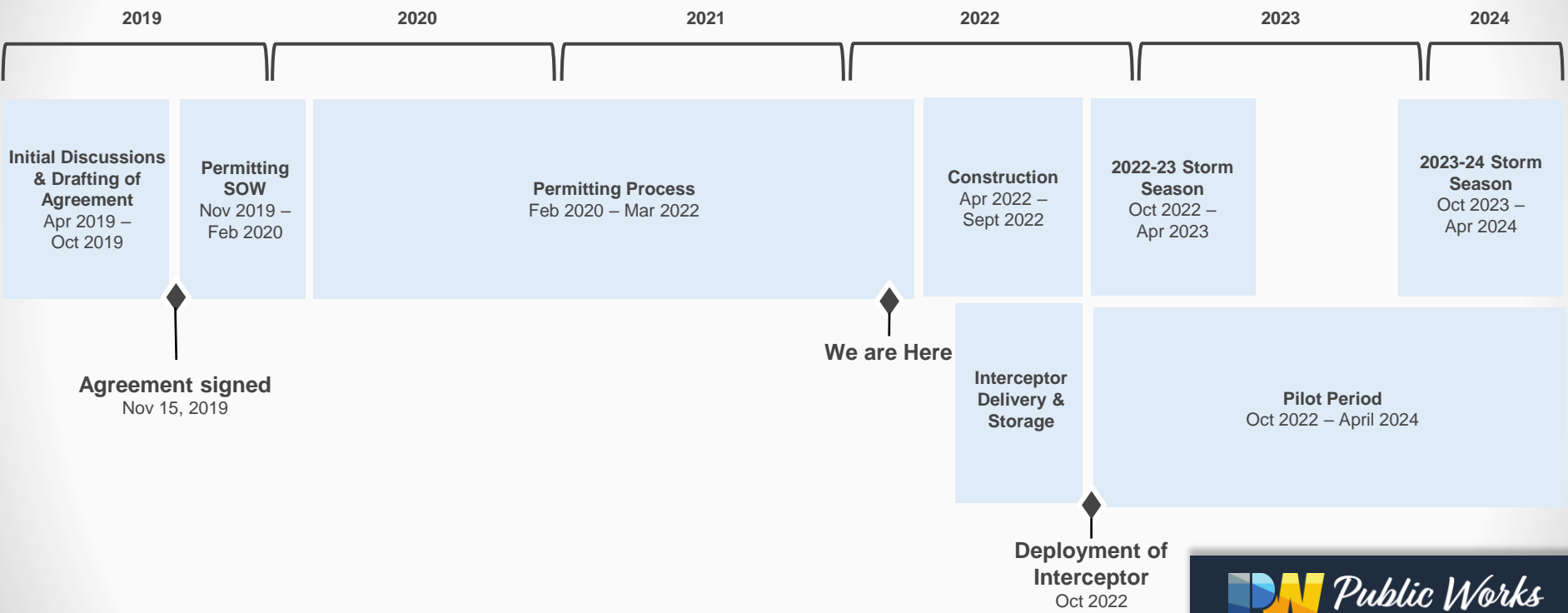
Minimum Performance Criteria



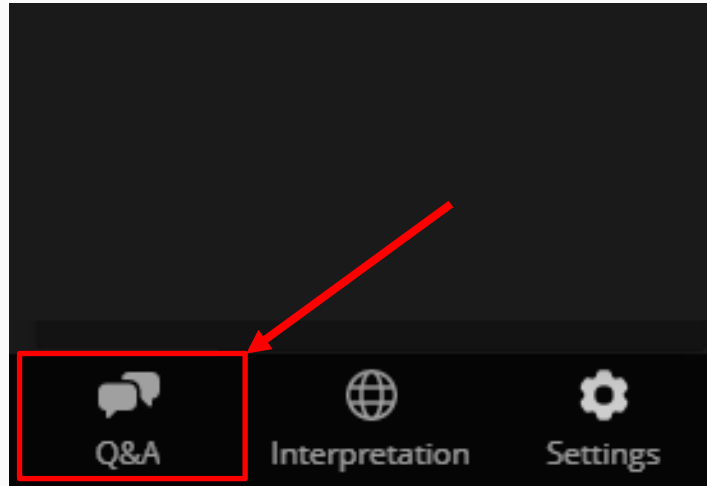
Benefits



Timeline



Q&A and Comments Segment



For attendees joining via dial-in:

**9 to raise/lower hand*

BallonaInterceptor@pw.lacounty.gov

pw.lacounty.gov/swp/BallonaCreek