

**Presentation to
Santa Ana
Regional Water
Quality Control Board**

May 15, 2020

**Workshop on Poseidon Huntington
Beach mitigation proposal**

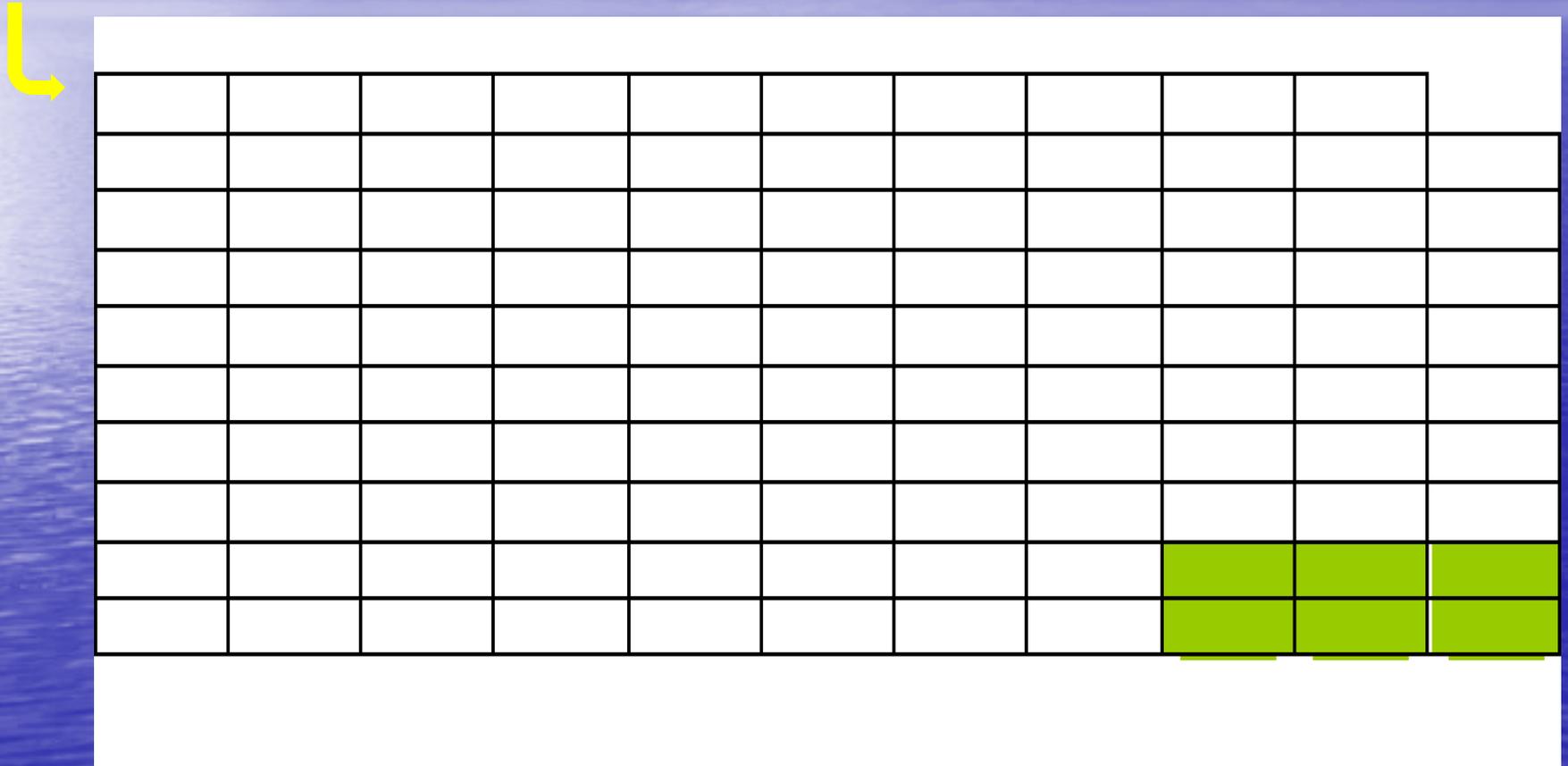
**Tom Luster
CA Coastal Commission**

Marine Life Impacts & Mitigation

- Agreement with Regional Board staff on extent of adverse marine life effects and amount of appropriate mitigation needed.
- Areas where CCC staff take a different approach:
 - Type of mitigation required.
 - Approach to avoid “double-counting” of existing mitigation areas at Bolsa Chica.
 - Mitigation required to address full “operating life of facility.”

Type and amount of mitigation required

Of the 109 acres of needed mitigation...



...fewer than six acres would be considered restoration. ↵

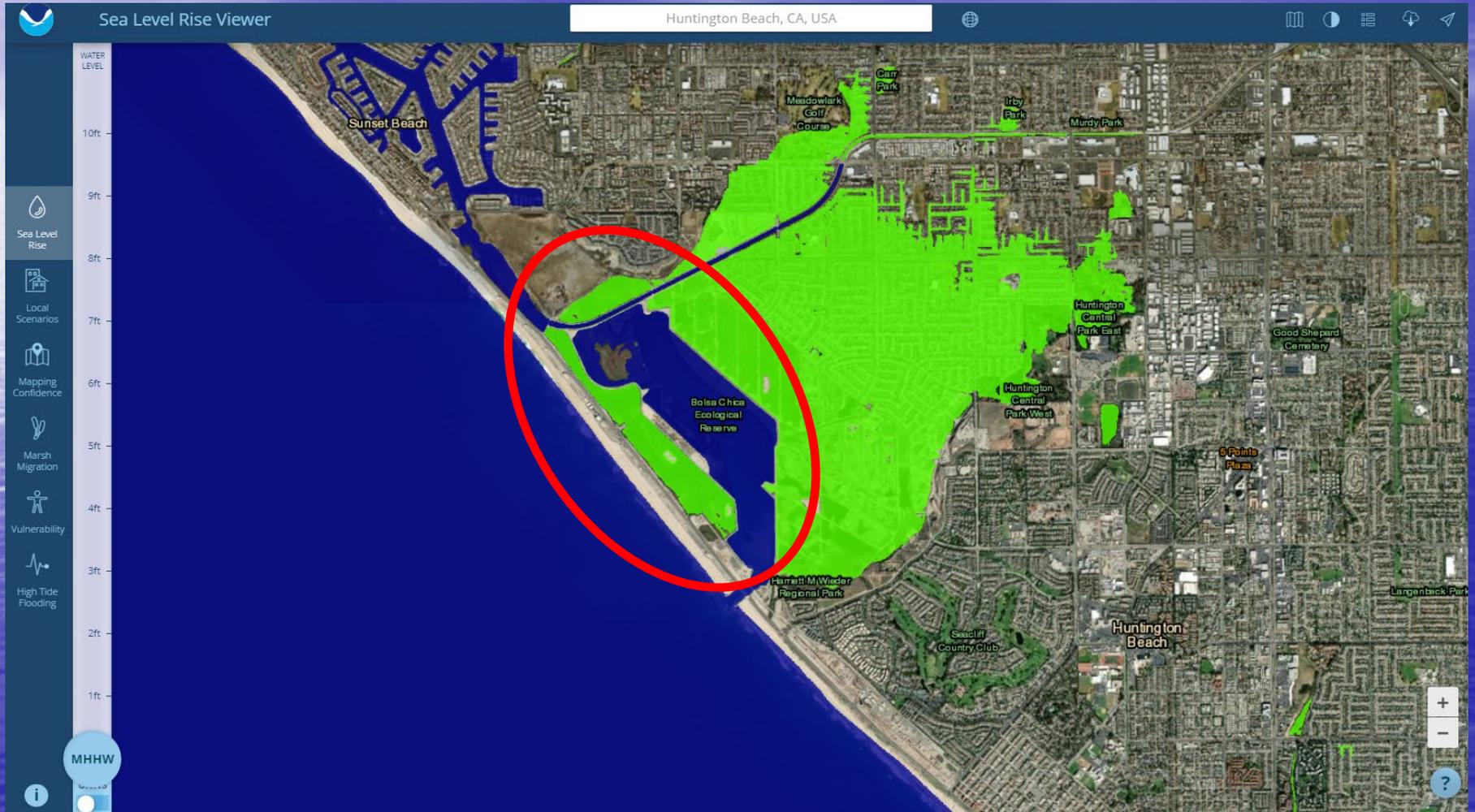
Existing Bolsa Chica Mitigation

- Approved by federal/state agencies.
- CCC provided 710 mitigation credits for:
 - Purchase, design, restoration and maintenance of 880 acres at Bolsa Chica, including the inlet (based on 344 acres in the full tidal basin) – **454 Credits.**
 - Inlet design and maintenance (expansion to include future full tidal area) - **80 credits.**
 - Improvements to the muted tidal basin – **76 credits.**

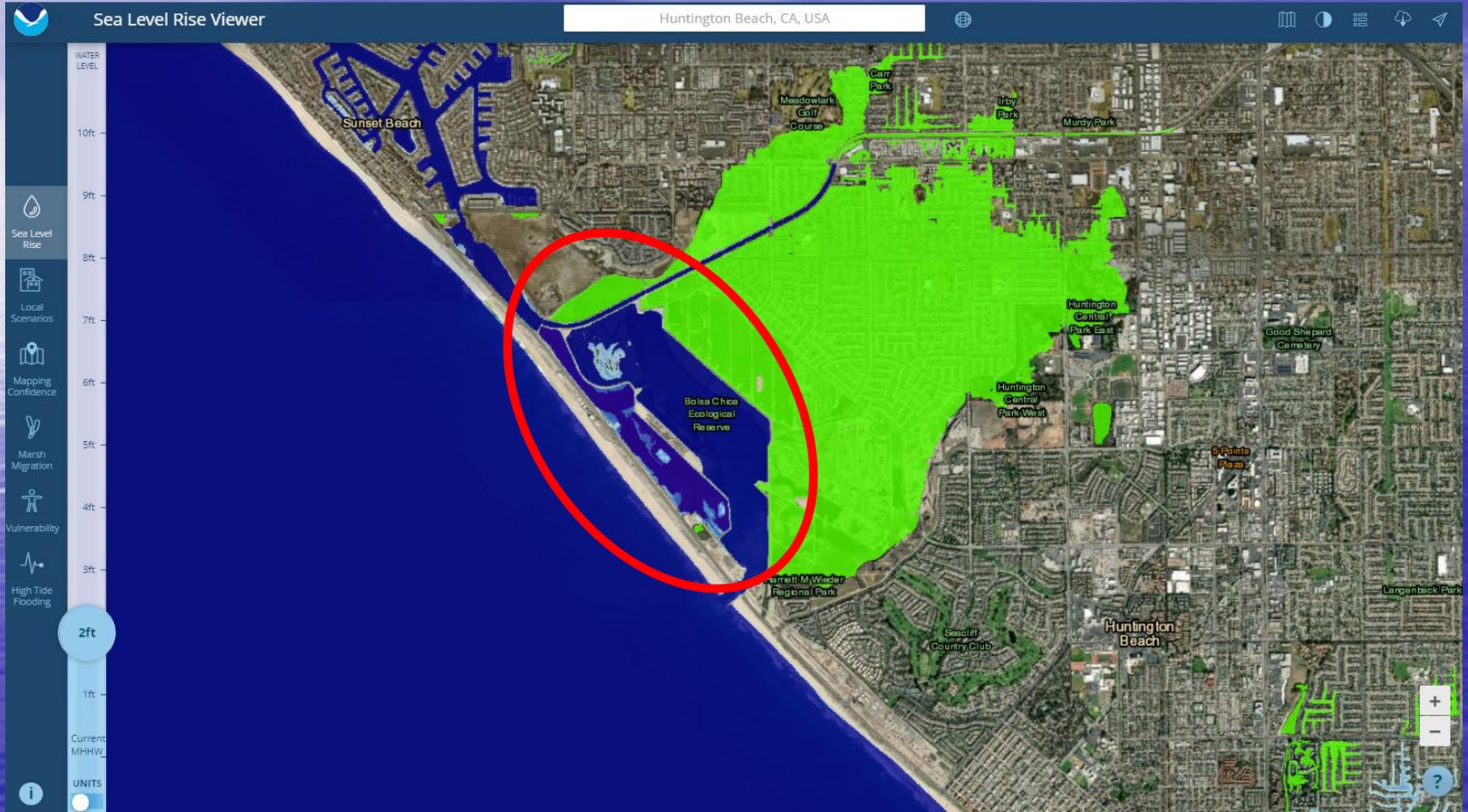
For purposes of Coastal Act review, most of Poseidon's proposed mitigation would constitute "double-counting"

- **Poseidon Mitigation proposal:**
 - Preserving existing mitigation through inlet maintenance – 108 credits
 - Enhancing tidal flows in part of the existing Muted Tidal Basin – 15 credits
 - Providing new restored habitat areas within the Muted Tidal Basin – approximately 6 credits
- Of Poseidon's proposed 128 mitigation credits, **only 6 credits would be for new mitigation.**

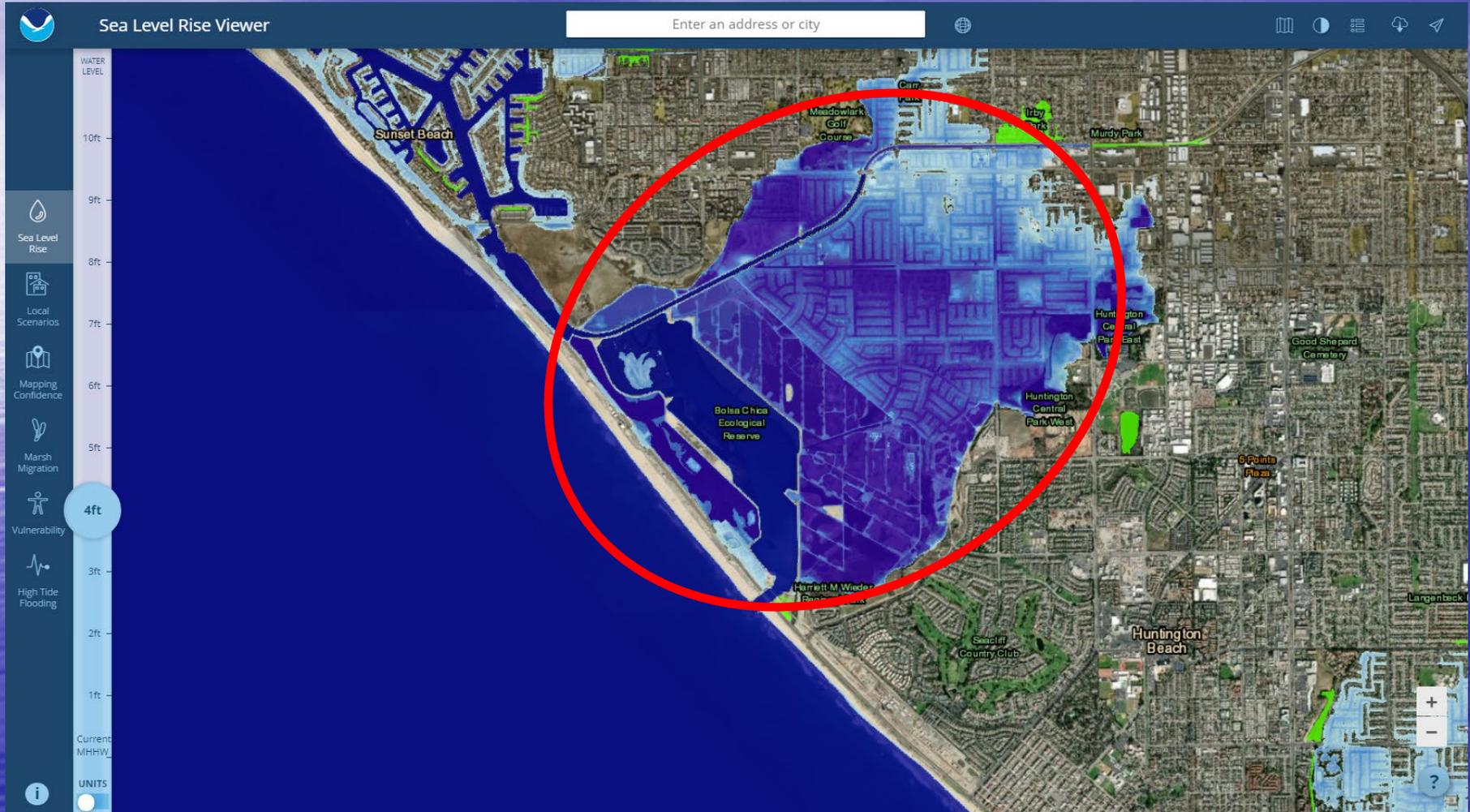
Bolsa Chica w/current sea level



Bolsa Chica w/2' SLR



Bolsa Chica w/4' SLR



Conclusion

CCC staff must consider additional and different mitigation to satisfy Poseidon's mitigation requirements under the Coastal Act:

- Additional creation or substantial restoration acreage.
- Actions that benefit existing mitigation areas will not be provided full acreage credit.
- Additional mitigation to address effects over the operating life of the facility.