South Bay Salt Pond Restoring the Wild Heart of the South Bay

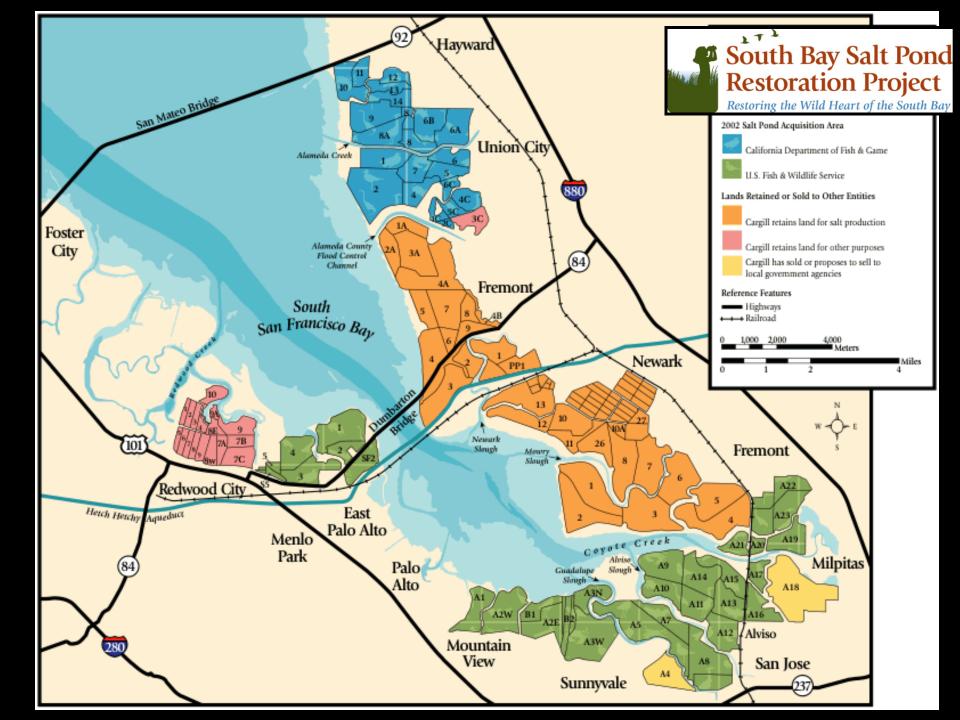


Annual Stakeholder Forum meeting, September 24, 2012

Today's Topics

- Phase 1 Progress
- Phase 2 Planning
- South Bay Shoreline Study
- Science Program
- Funding Strategies

Tracking Our Progress: Phase 1



Key uncertainties

- Wildlife use of changing habitats
- Habitat evolution and sediment dynamics
- Mercury methylation
- Water quality
- Invasive species
- Public access
- Infrastructure support
- Sea level rise and climate change





Ecological Trade-offs

Tidal Marsh species vs. Salt Pond species



Adaptive Management Restoration

Phased implementation of Project

Amount of tidal marsh restored

2008



Adaptive Management Restoration

Phased implementation of Project

Amount of tidal marsh restored



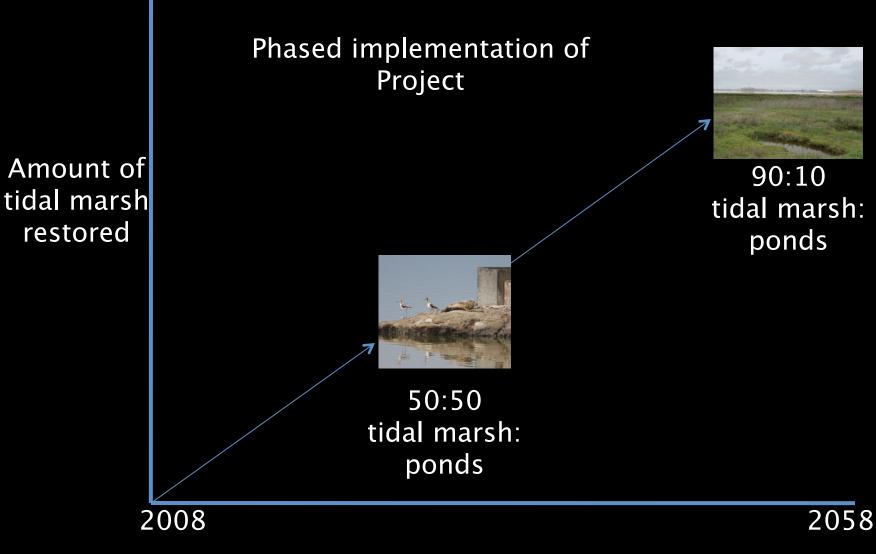
50:50 tidal marsh: ponds

2008

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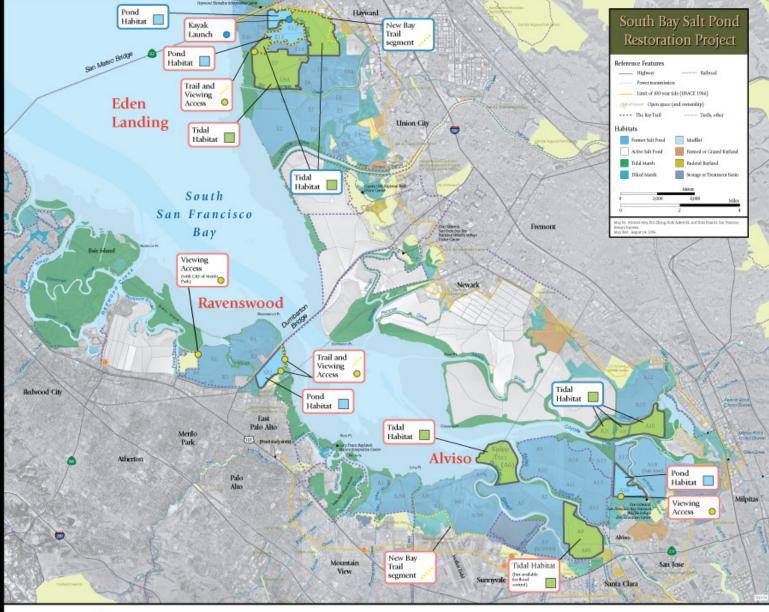
Time

Adaptive Management Restoration



Time

Tracking our Progress: Phase One Actions



Initial Restoration Actions

2006 - 08

SBSP Phase 1

South Bay Salt Pond Restoration Project

Alviso: A16/17

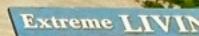












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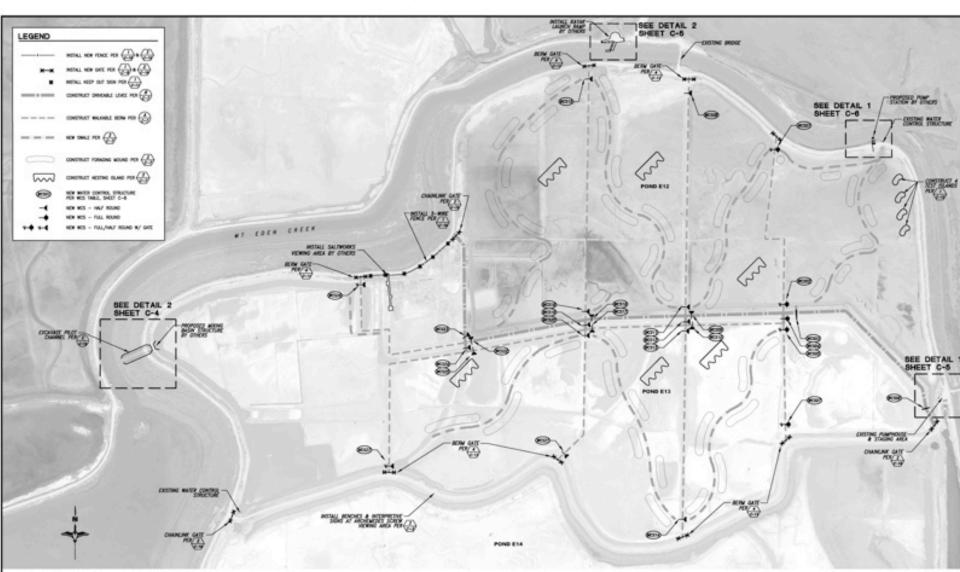
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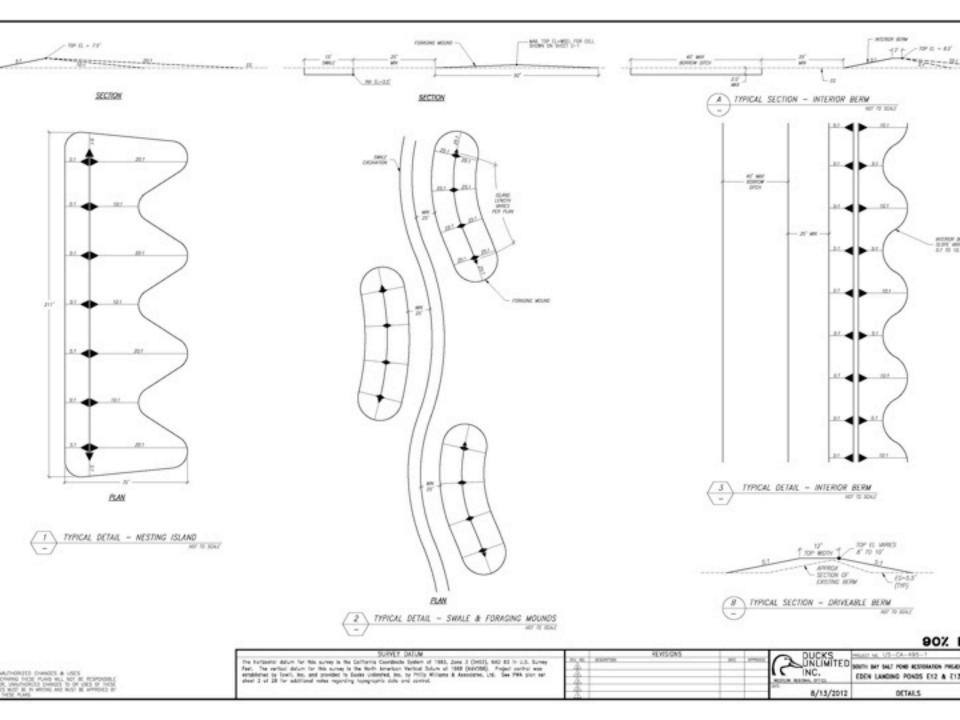
Eden Landing: E12/13





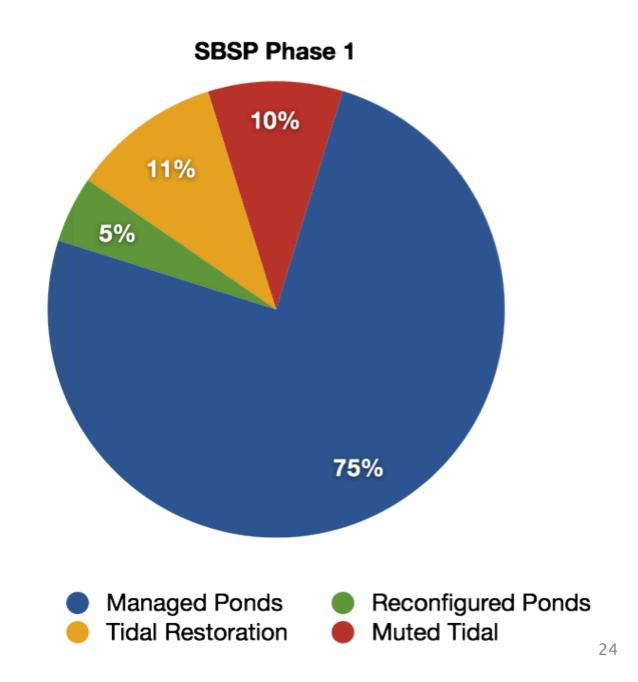
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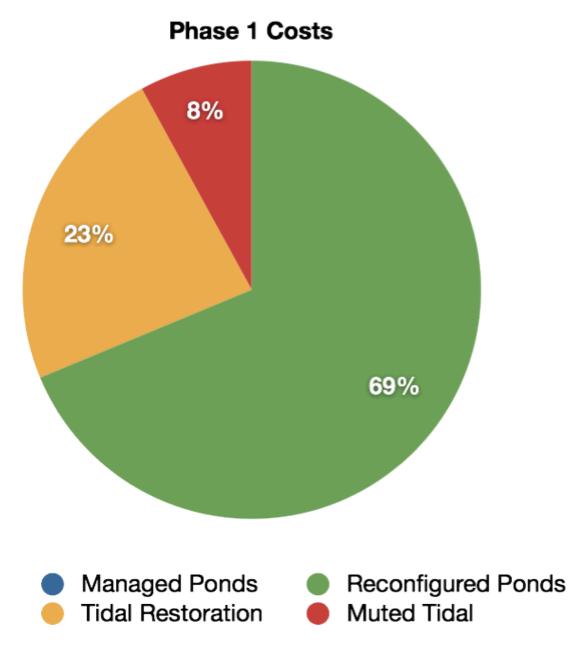
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Phase 2: Overview

Guiding Principles

No actions that will increase flood risk

Progress toward 50-50 vision (from EIR)

Primary Evaluation Criteria

- Likelihood of progress toward Project objectives
- Opportunities for Adaptive Management studies
- Value in building Project support
- Readiness to proceed / not dependent on precedent actions (e.g., flood levee)
- Input from Stakeholders (over 2 years)

South Bay Salt Pond Restoration Project

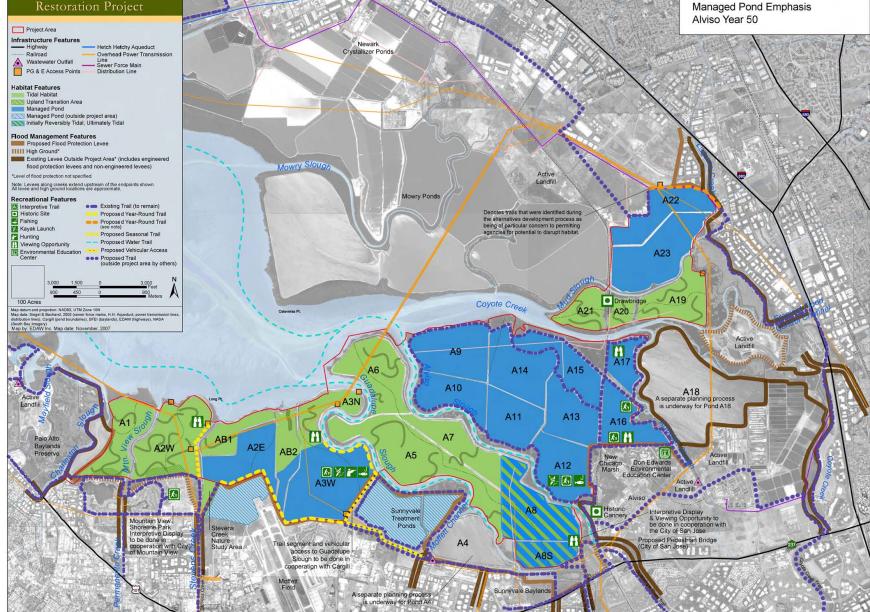
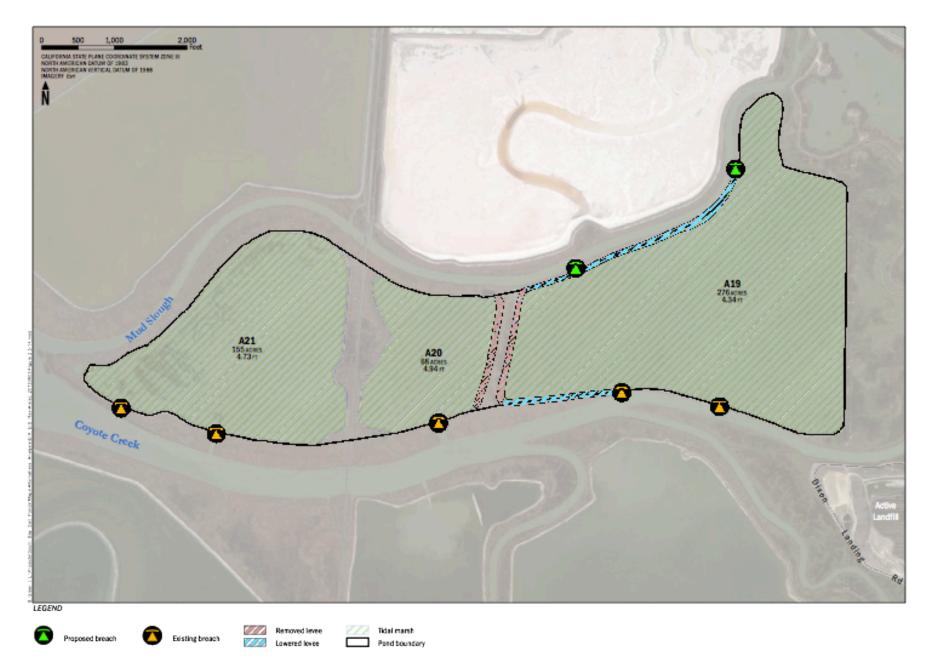


Figure ES-3b. Alternative B:





Charleston Slough

Shoreline Lake

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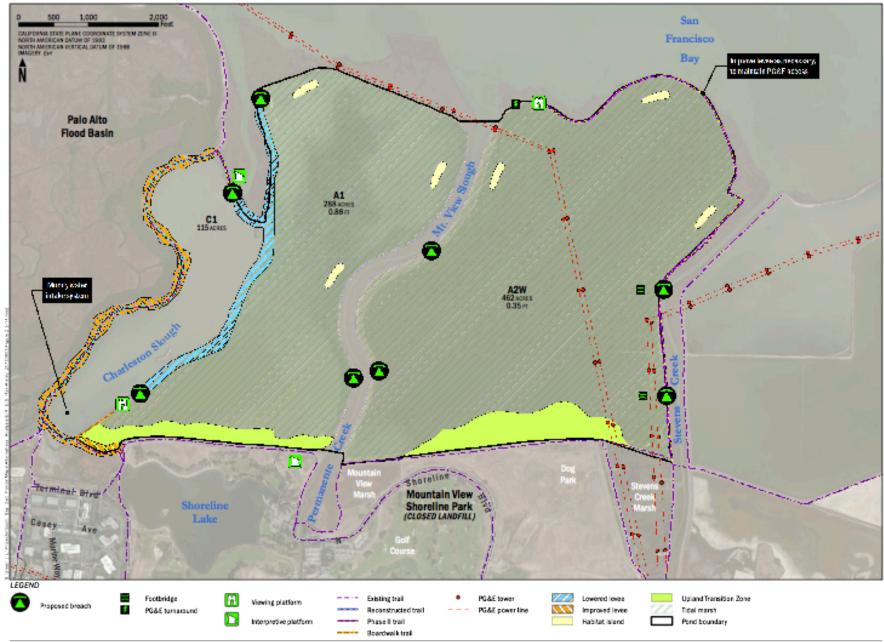
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© 2011 Europa Technologies Image © 2011 TerraMetrics

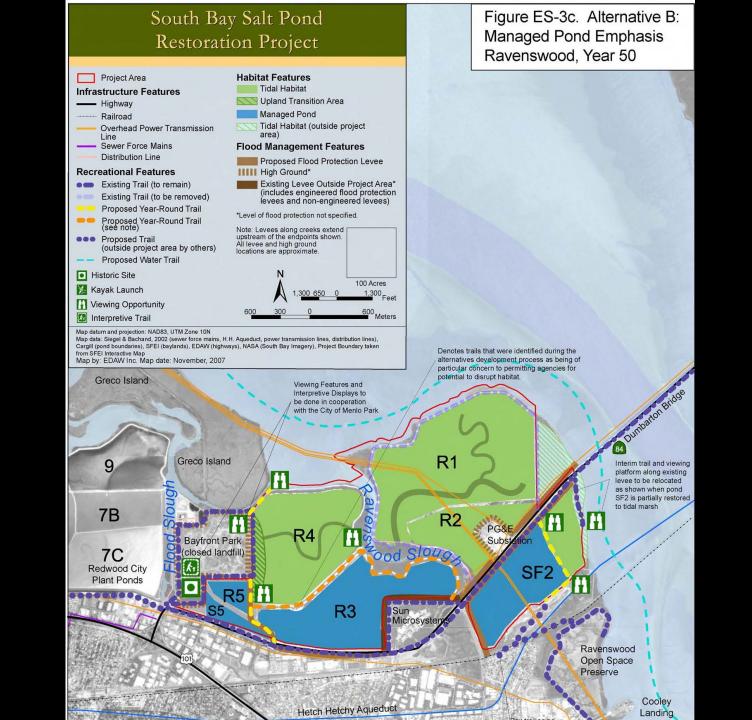
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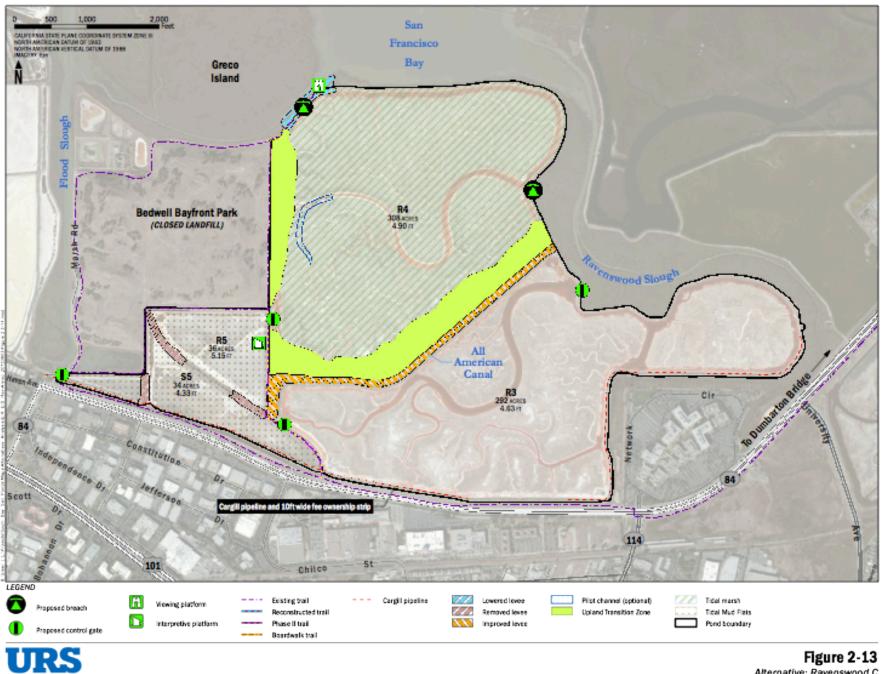


Figure 2-13 Alternative: Ravenswood C

Questions?

Eden Landing

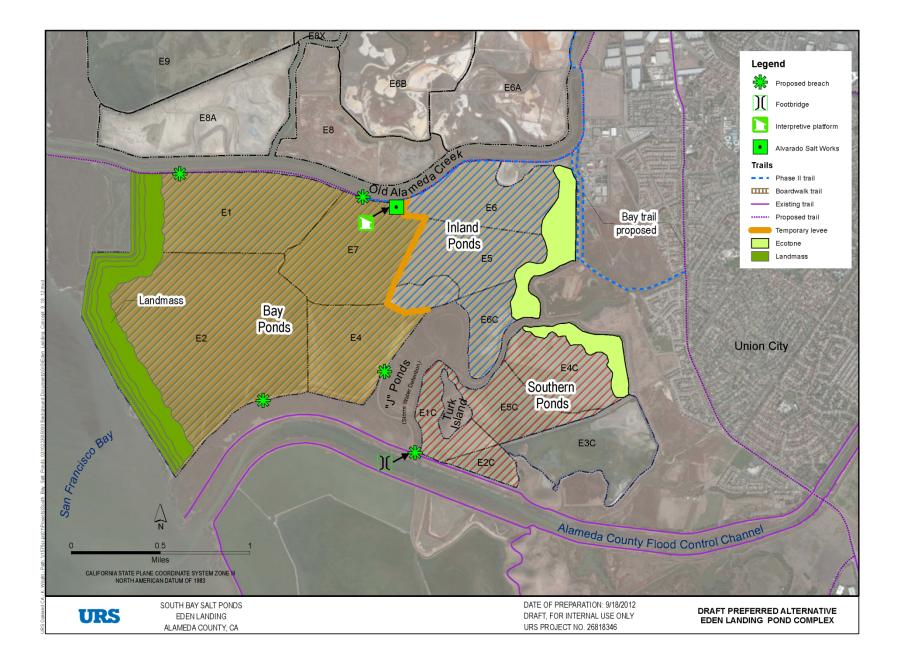


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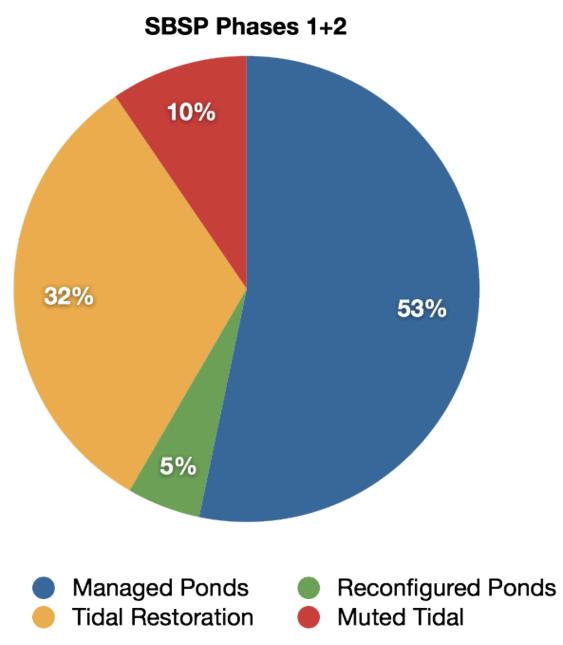
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Rohin Saleh Alameda County

Questions?



Transition Zone Creation

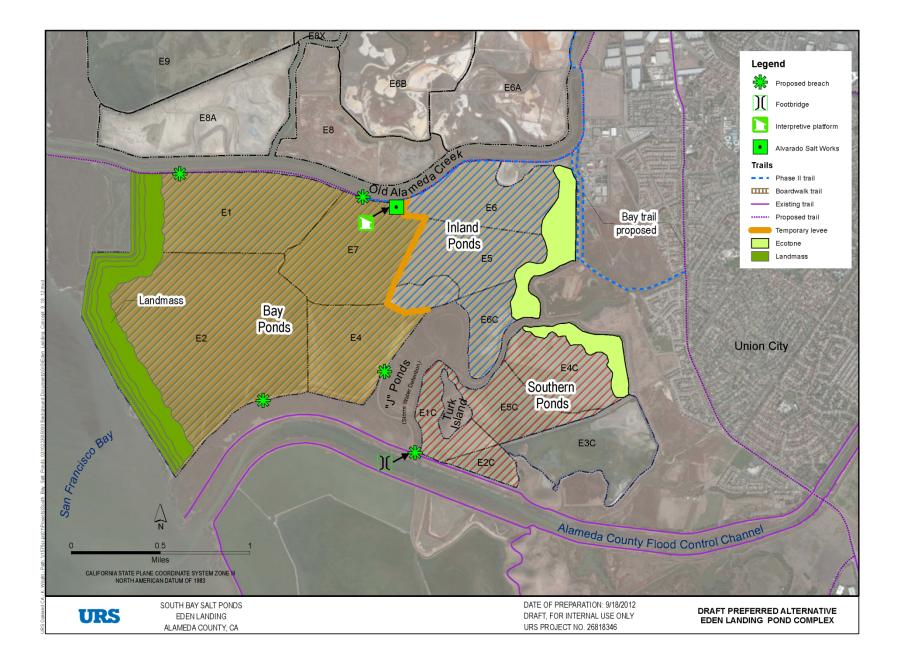
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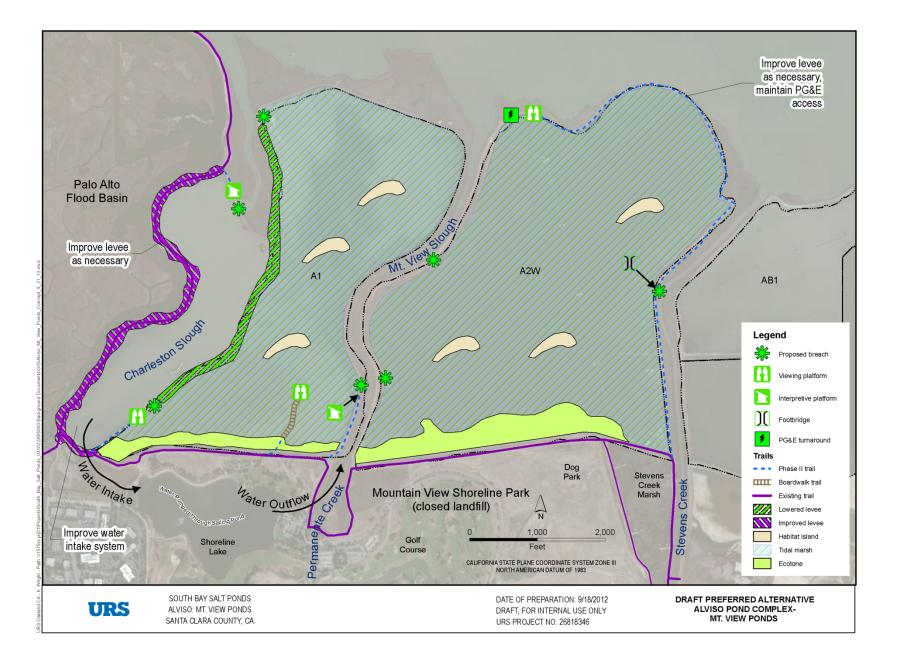
- -Sources (upland vs. dredged material)
- -Placement methods (traffic, cost, etc.)
- -Draft Plan in development

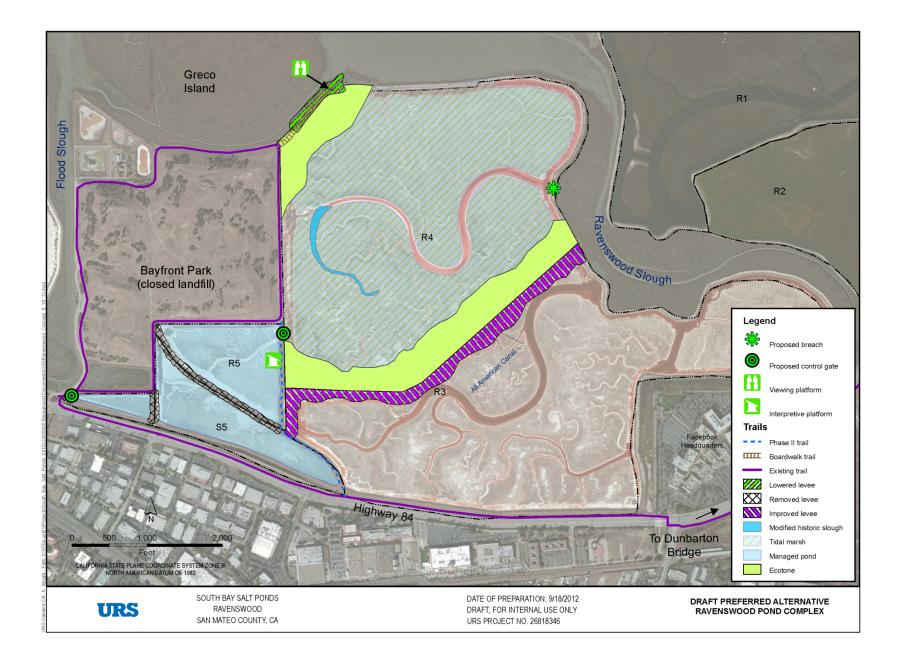


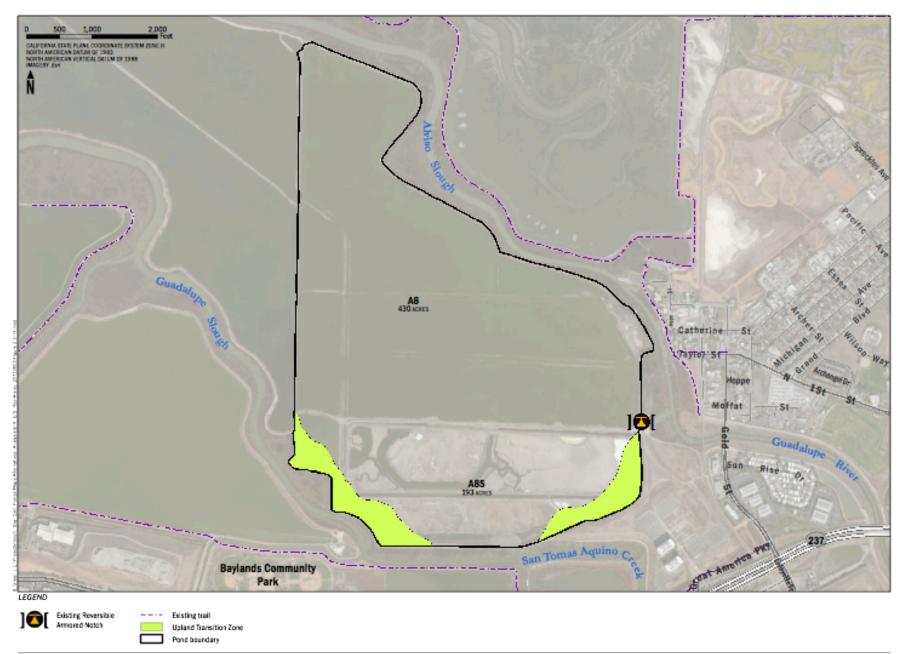














10 minute break...

Science Update Stakeholder Forum September 24, 2013

> Laura Valoppi Lead Scientist

Shoreline Study Update Stakeholder Forum September 24, 2013

> Brenda Buxton Coastal Conservancy

Insert Brenda's slides here

Funding Update Stakeholder Forum September 24, 2013

> Amy Hutzel Coastal Conservancy

Next Steps

-Complete Phase I at Eden Landing (Summer 2014)

-Draft environmental documents for Phase II Alviso and Ravenswood (Early 2014)

-Alternatives development for Phase II at Eden Landing (Early 2014)

-Continue Monitoring and Adaptive Management (Ongoing)



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Name: South Bay Salt Pond Restoration Project