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Nutrient Management Strategy

November 2012

San Francisco Bay Nutrient Management Strategy

- New quality objective(s)?
- Science program
 - Assessment framework
- Management options
 - Grey and green alternatives
 - Multi-benefits

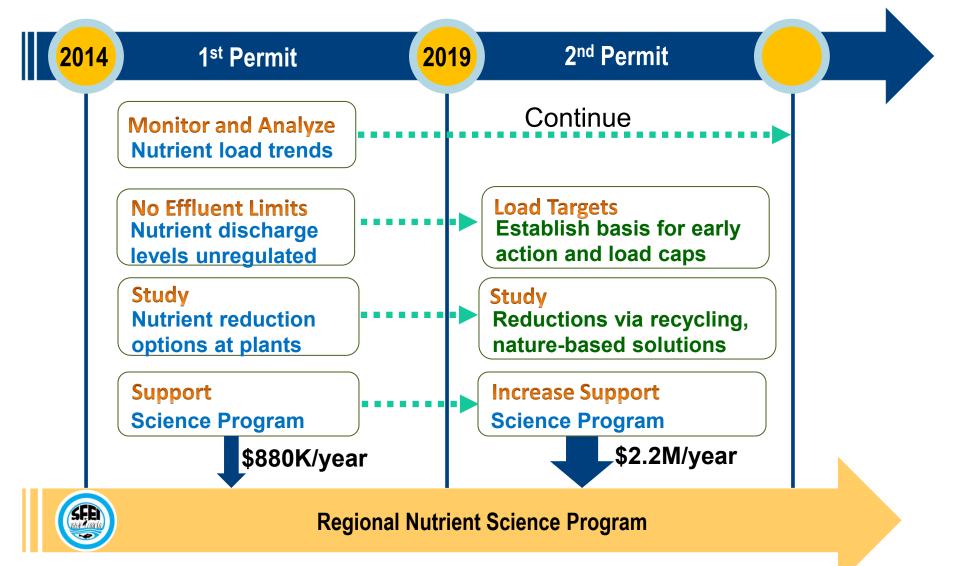
San Francisco Bay Regional Water Quality Control Board

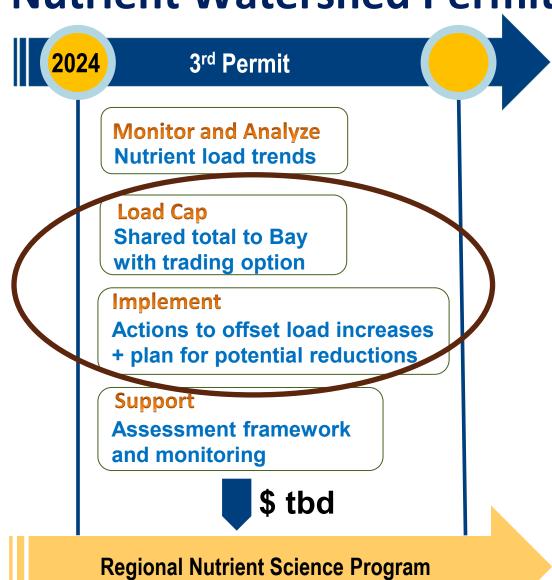
Management Questions

Do nutrient loads result in adverse impacts now or under future scenarios?

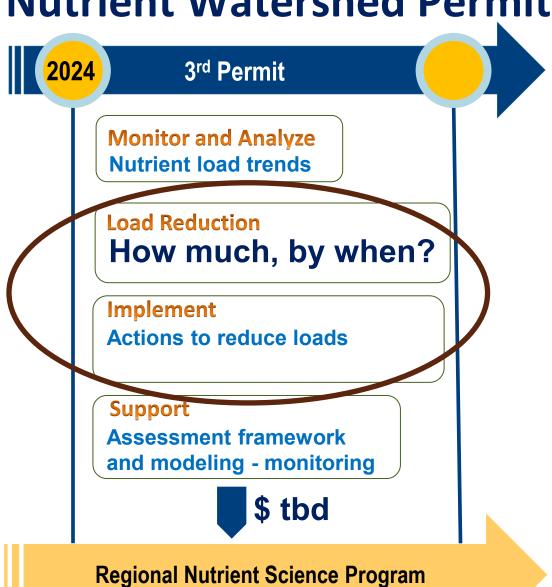
What management actions will prevent or mitigate current or future impacts?

1st Permit **Monitor and Analyze Nutrient load trends No Effluent Limits Nutrient discharge** levels unregulated Study **Nutrient reduction** options at plants Support **Science Program** \$880K/year **Regional Nutrient Science Program** (led by SFEI, governed by the Nutrient Management Strategy)





Pre-bloom



Post-bloom

Nutrient Load Reduction Limits

Compliance Schedule Policy*

- New interpretation of water quality objective
- Maximum of ten years** for final limit
- Must include interim limit

- * State Water Board Resolution 2008-0025
- ** TMDL-based schedule can be longer

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