





Project Scope

- Increase coordinated efforts to improve water quality in Hodges Reservoir and Olivenhain Reservoir
- Produce plans to decrease levels of pollutants in Hodges Reservoir
- Evaluate Quagga Mussel Population in Olivenhain Reservoir and attached facilities

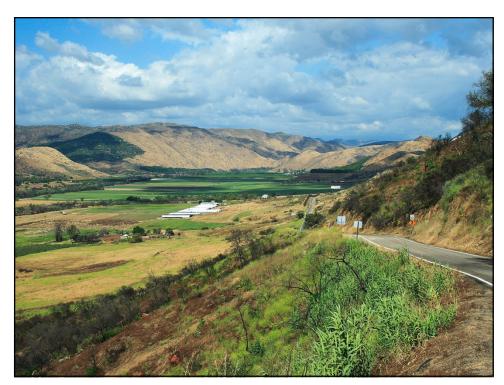




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Budget

Budget Category	DWR Grant Amount	Match/Other Cost Share
Project Administration	\$75,000	\$16,000
Planning/Design/Engineering/Environmental Documentation	\$798,000	\$284,000
TOTAL	\$873,000	\$300,000
Total Project Cost		\$1,173,000



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Overview of Work Completed

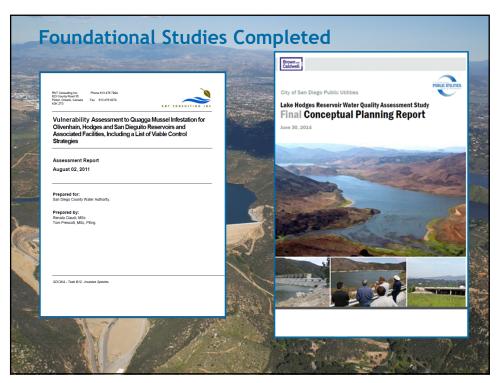
- Five Technical Studies
- Three Monitoring Programs
- Enhanced Water Quality Monitoring Equipment







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Tributary Stream Sampling

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- Hodges Nutrient Identification Study
 - Performed wet-weather sampling at 10 locations across Hodges 248 square mile watershed



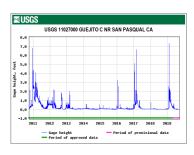


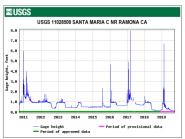


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Tributary Stream Sampling

- Hodges Nutrient Identification Study
 - 5 of the sampling locations are located along episodic tributary streams, water quality data during flow periods identified as a major data gap

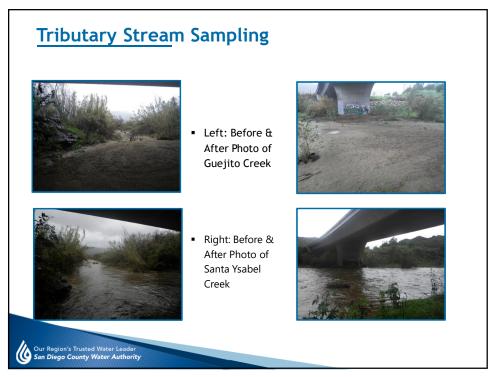


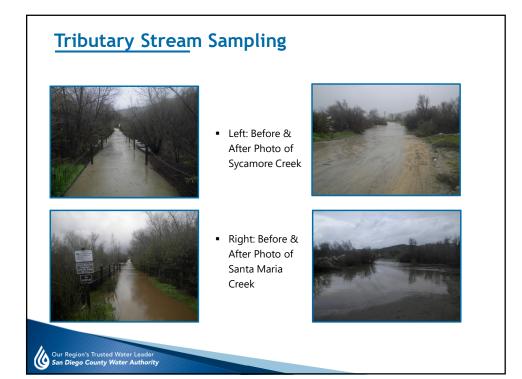


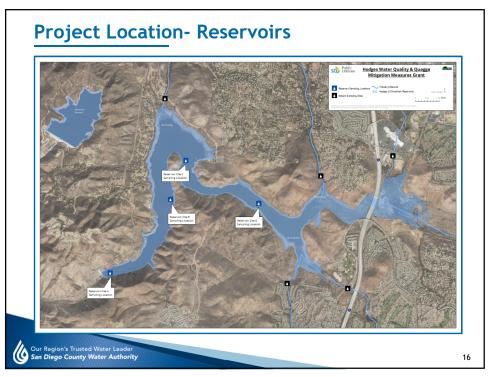
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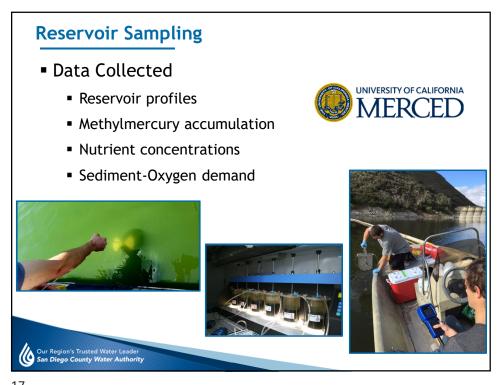
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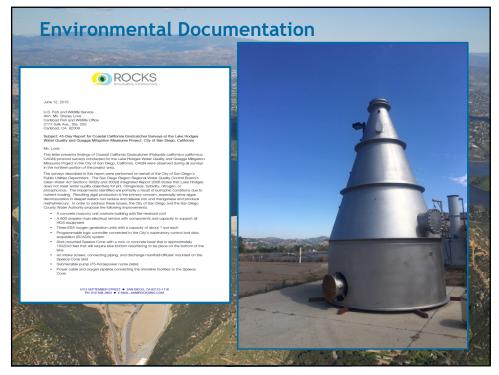






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Benefits

- Cross jurisdictional collaboration
- Data sharing
- Improved water quality modelling and validation
- Management actions investigated
- Projects that will improve water quality at Hodges Reservoir
- Protect water treatment infrastructure reliability



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