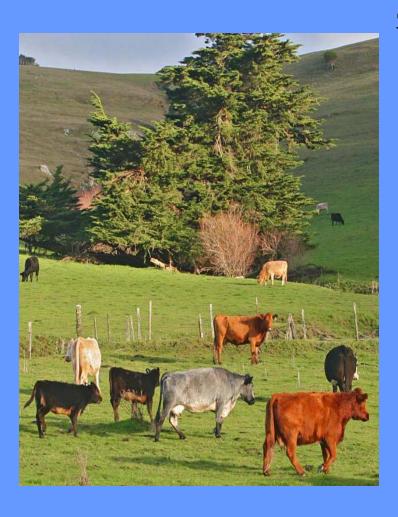


Nancy Scolari Marin Resource Conservation District

Steps Leading to the Waiver

1998	I70 people ill from Norwalk-like virus						
2000	Tomales Bay Watershed Stewardship Plan						
	Tomales Bay Agricultural Group forms						
	Marin Coastal Permit Coordination						
2006	Water Board meets with Ag Groups						
2007	U.S. EPA approved the Pathogen TMDL for Tomales I						
	Strict water quality regulations for shellfish						
	• 250 parcels are affected						
	Notices of Intent to Comply						
	Implementation of projects						
	Monitoring, Annual Certifications						
2008	Grazing Waiver is approved and then renewed in 2013						

Grazing Waiver Implementation



Of the 424 notifications sent

- 187 Notices of Non-Applicability
- 45 No Response
- 210 Notices of Intent

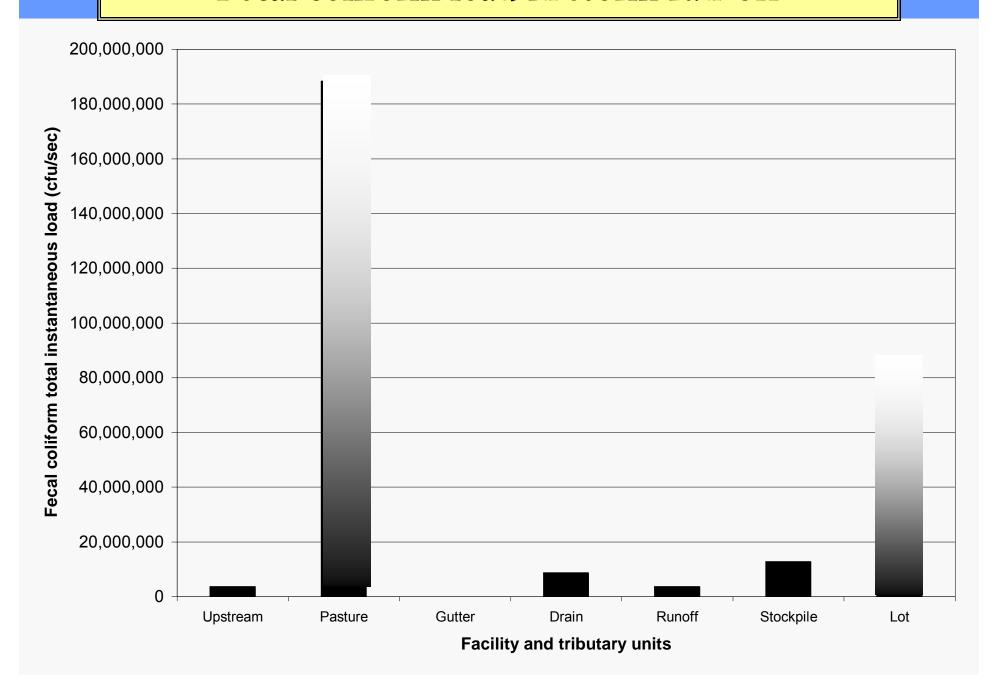
Conditional Waiver Compliance Team

- Marin Resource Conservation District
- Natural Resources Conservation Service
- Marin Agricultural Land Trust
- Marin County Farm Bureau
- Western United Dairyman
- California Cattlemen's Association
- Point Reyes National Seashore
- University of California Cooperative Extension

Ranch Plans - Keeping it Simple

	Ill future potential wat ock grazing or curren	romaics buy watershed, NZ 2000 0004).						s not indicate that	
main	taining ranch roads fo				Phone:		plementing new		
practices, and changing m time needed to conduct ma		Mailing address or P.O. Box:			City, State and Zip Code:		s the amount of ed order		
work	ementing the project. It is done. List the steptings, applications, ex	List all Assessor Parcel Numbers (APNs) or legal description (Township, Range, Sections) for each parcel, pasture, or silage field included in this plan:						ermines when ams (ranch visits,	
	Water Quality Conc			was complete	ed in (vea	r) and will be updated in	(vear)	Implementation	
#	Describe	The Ranch Water Quality Plan is expected to be finished in (year).						Planning	
			nce Monitoring Inspect eason inspections cond		ates of monitor Dec March	ng inspections were cor Jan April	• •		
		2) Dry se	eason inspections occur	red on:	June				
	4) Are further management practices needed to improve water quality? Yes No Not Sure If yes is indicated in question 4, list any new potential water quality projects identified during ranch or stream inspections and describe planned or implemented fixes and any maintenance. Use additional pages if needed.								
		Date	Location (Pasture/ Field)		/ater Quality ncern		otes cess, & future needs)		
	Completed by: Landowner Tenant Other Make conics for landowner tonant								
Make copies for landowner & to Mail completed form by registe (Print name) Make copies for landowner & to Mail completed form by registe							m by registered mail		
San Francisco Bay							o Bay RWQCB		
		(Signature) (Date)				1515 Clay Street, Suite 1400 Oakland, CA 94612			
						ATTN: Grazing Oper	ations Waiver Program		

Fecal coliform load in storm run-off



Plan Implementation



- I. RCD Applies for and receives grant funding
 - Have acquired \$4M in the last 10 years
- 2. Sends out announcement to ranchers
 - 50+ Ranchers signed up
- 3. A preliminary site assessment is completed for each ranch.

Steps to Construction



November December-January

February-March

June-October

Landowner applies for funding
Project is evaluated and ranked
(NRCS technician/RCD Advisory Group).
Project is approved by RCD Board for design and permit services.

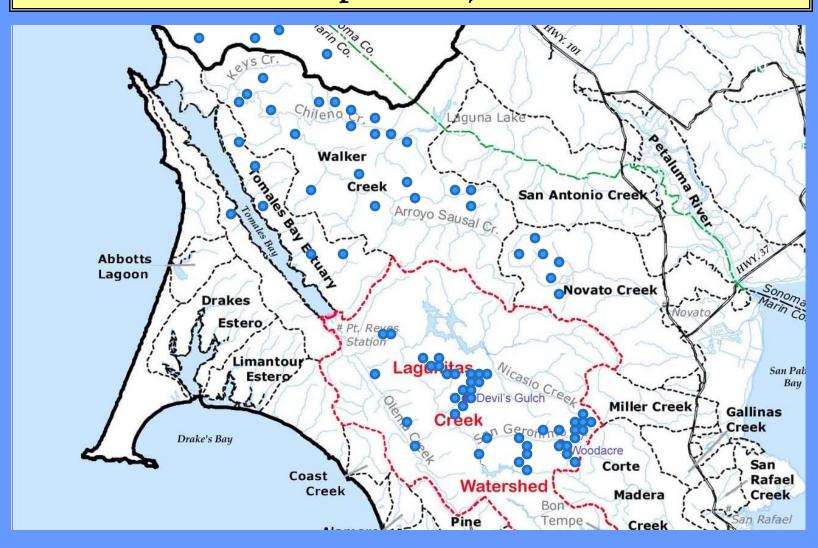
Construction

Staying on Track

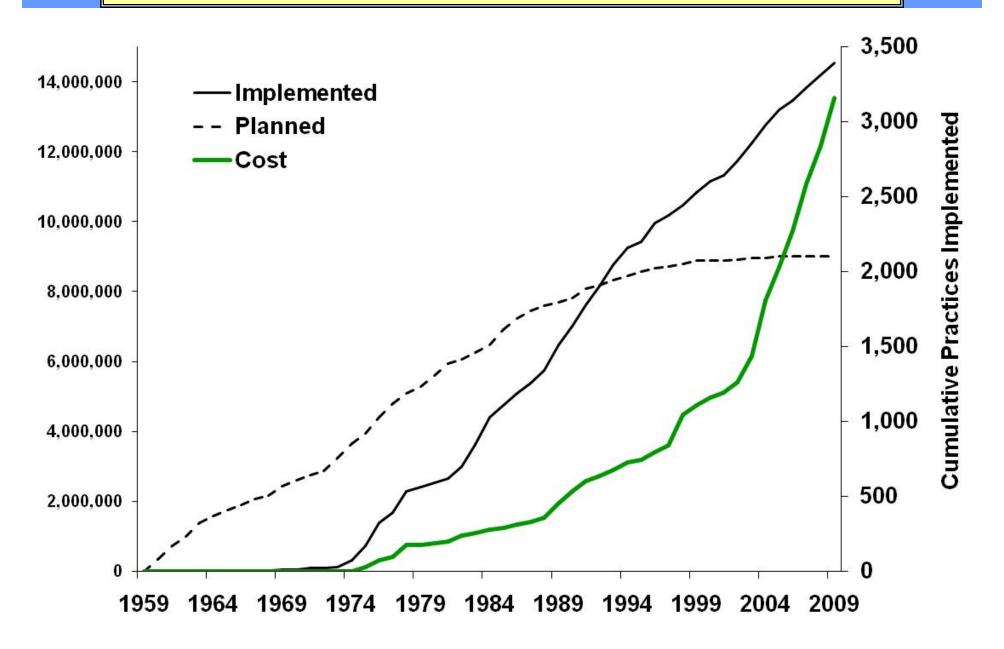


- UC Cooperative Extension Marin
- USDA Natural Resources Conservation Service
- Marin Agricultural Land Trust
- Marin Resource Conservation District
- Bay Institute's Students and Teachers Restoring a Watershed (STRAW)
- Point Reyes National Seashore

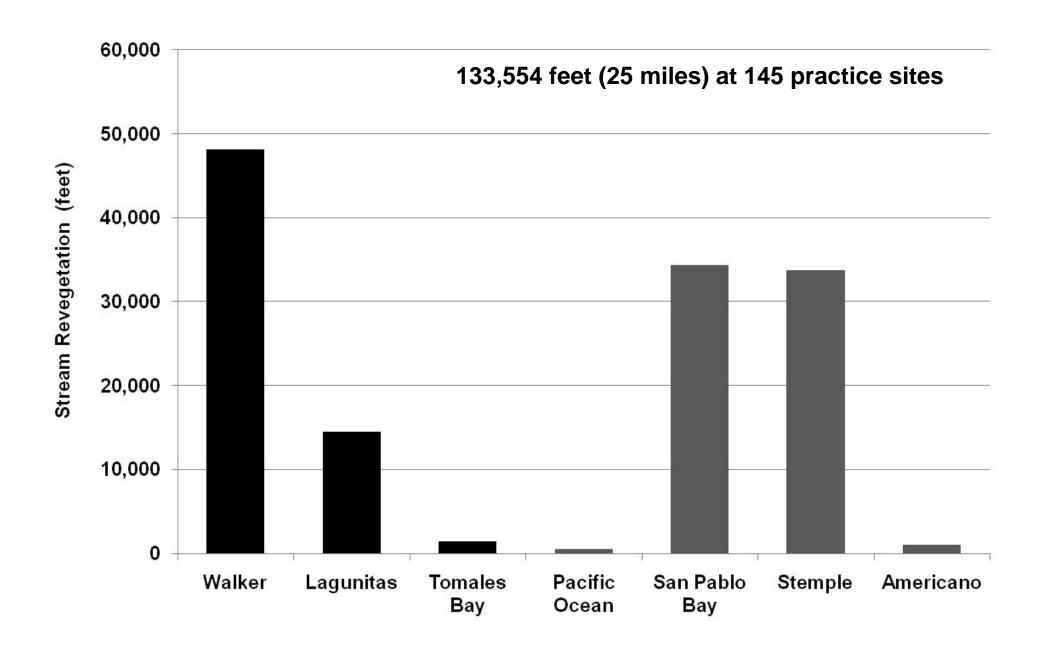
Map of Projects



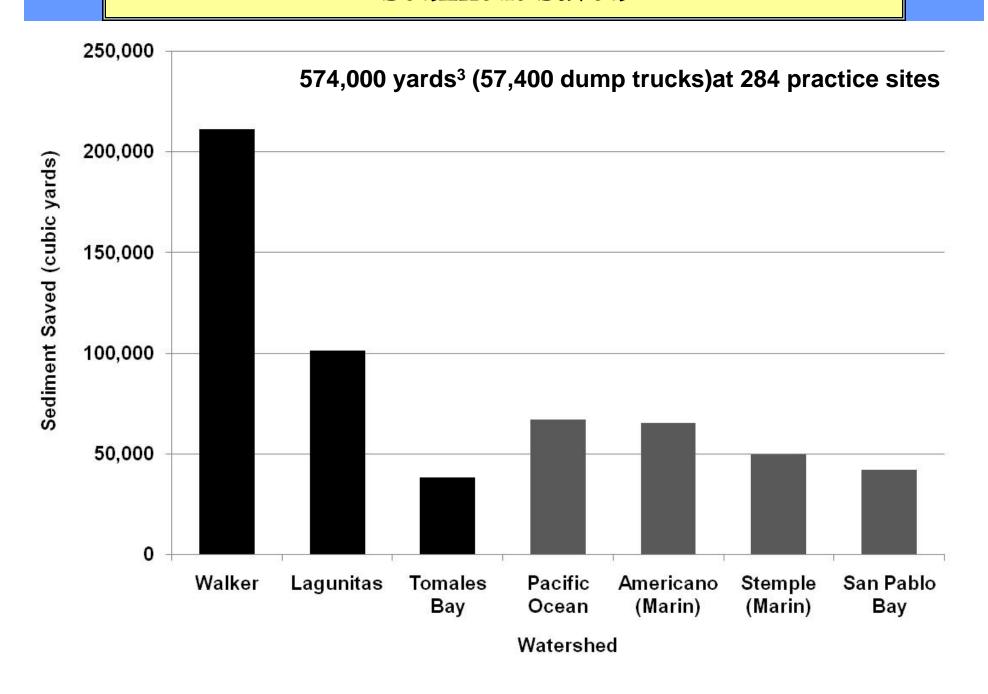
Cumulative Practices Implemented



Stream Revegetation



Sediment Saved



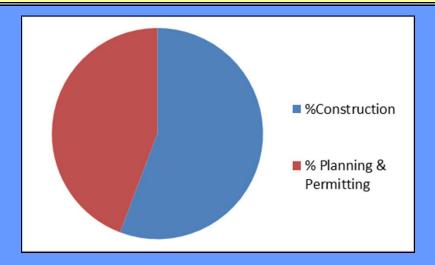
Implementation



Implementation



RESULTS – 10 years



- \$4M applied to projects (56% Construction, 44% Planning/Permitting)
- I55 conservation practices implemented
- 36 Ranchers receive construction \$\$
- 20 on waiting list for future work
- 10 miles of stream restored
- 7000 native trees and shrubs planted
- Increases in neomigratory bird and salmon sightings
- 80% COMPLIANCE

What didn't work

- Surprise notices without notifying partnership
- NOT reminding ranchers to submit annual certifications
- Low staffing at our NRCS and RCD offices
- Ignoring compliance
- Lack of water quality data

And what did

- Ag partnership
- Working with Water Board from the beginning
- Responsive Water Board staff who understood field work
- NRCS-EQIP, Water Board, Land Trust
- Permit and funding programs to accommodate need
- Ranch Plans stay on the ranch. Self certification option
- RDM is a management tool. Not regulatory criteria.

