APN ____ - __ - ____ - ____ VCAILG ID# _____

Your property is within the Mugu Lagoon Responsibility Area

Monitoring Beacon Site: 01T_ODD3_EDI (Rio de Santa Clara/Oxnard Drain #3 at Edison Drive)

Mugu Lagoon Responsibility Area Water Quality Issues

To comply with the Agricultural Conditional Waiver, the Ventura County Agriculture Irrigated Lands Group (VCAILG) developed a Water Quality Management Plan (WQMP) to address continuing water quality issues found during sampling. During WQMP development, Ventura County was divided into "Responsibility Areas" according to subwatersheds, drainage areas, crop similarities, and additional total maximum daily load (TMDL) requirements. You are accountable for implementing the appropriate agricultural Best Management Practices (BMPs) to address the water quality issues in your Responsibility Area:

- Bacteria (*E. coli*)
- Nutrients (nitrogen compounds)
- Metals and Selenium (copper)
- Legacy Pesticides (organochlorine pesticides, e.g., DDT and toxaphene)
- Current Use Pesticides (organophosphorus pesticides, e.g., chlorpyrifos and bifenthrin)
- Toxicity

Required BMPs Survey Participation

VCAILG members must complete a BMPs Survey for each parcel to document implementation of agricultural BMPs. The purpose of the survey is to report increased practices to protect and improve water quality related to the issues described above. Three surveys were conducted during this Conditional Waiver term. New requirements will be specified in the next Conditional Waiver iteration.

Required Documentation to be Kept On Site*

*Electronic or digital documents okay.

Documentation provided by this handout:

- VCAILG contact information: vcailg@farmbureauvc.com or (805) 289-0155
- Link to VCAILG Water Quality Management Plan www.farmbureauvc.com/issues/water-issues/water-quality/management

Documentation to be compiled:

☐ Proof of VCAILG membership (ID# listed at the top of this page, maintain enrollment confirmation email and/or invoices)

☐ Pesticide information required by other regulatory programs

☐ Copy of all completed BMPs Surveys (hard copy or email that was sent upon completion)

☐ Copy of Certified Nutrient Management Plan – starting in September 2019 and updated annually
Resources to complete your plan can be found at the bottom of this webpage:
www.farmbureauvc.com/issues/water-issues/water-quality/management

Required Education

All members must attend a minimum of two hours of educational training every year from December 1 through November 30. For each VCAILG ID, any landowner, operator or staff member may attend

training to satisfy this requirement. All training sessions must be approved by the Regional Board. Documented attendance will be reported to the Regional Board by VCAILG on your behalf.

Resources

Your property may be eligible for BMPs funding through the USDA Natural Resources Conservation Service (NRCS) National Water Quality Initiative. Call (805) 984-2358 x101 for more information. There is also grant funding through two Resource Conservation District (RCD) programs: the Calleguas Creek Watershed Ag Management Measures Program (CCWAMMP) to provide cost share funding for irrigation efficiency upgrades and nutrient and pesticides BMPs and the Interactive Irrigation Management to Reduce the Leaching of Nitrogen (IIMRLN) program to provide technical assistance and nutrient BMPs. Visit the CCWAMMP webpage at www.vcrcd.org/ccwammp or the IIMRLN webpage at http://www.vcrcd.org/iimrln for more information.

Required Best Management Practices for the Mugu Lagoon Responsibility Area

Implement any Required BMPs, then select additional BMPs to address the water quality issues in your RA, and expand your usage of existing BMPs, if feasible.

Water Quality Issues										BMPs	Implemented?
Bacteria		Nutrients		Metals		Legacy Pesticides		Current Use Pesticides	Toxicity		
Dry Weather	Wet Weather	Dry Weather	Wet Weather	Dry Weather	Wet Weather	Dry Weather	Wet Weather	Wet Weather	Dry Weather		
Required for all agricultural operations in RA											
		x	x						x	Prepare a certified nutrient management plan for the property (beginning in September 2019)	☐
Additional BMP Selection Options											
	Addresses Most Pollutants										
x	x	x	x	x	x	x	x	x	x	Protect ditches from erosion using vegetation, rock placement or geotextiles, or wattles placed at intervals	☐
x	x	x	x	x	x	x	x	x	x	Use grassed waterways	☐
x	x	x	x	x	x	x	x	x	x	Use vegetated filter strips	☐
		x	x	x	x	x	x	x	x	Reduce bare soil in production area with cover crops, gravel, mulch, etc.	☐
		x	x	x	x	x	x	x	x	Minimize erosion on sloped areas with contour farming, contoured buffer strips, or terracing (sloped acres with erosion control/total sloped acres)	☐

Water Quality Issues										BMPs	Implemented?
Bacteria		Nutrients		Metals		Legacy Pesticides		Current Use Pesticides	Toxicity		
Dry Weather	Wet Weather	Dry Weather	Wet Weather	Dry Weather	Wet Weather	Dry Weather	Wet Weather	Wet Weather	Dry Weather		
			x		x		x	x		Minimize bare soil in non-cropped areas by using vegetation, mulch, or gravel	☐
										Source Control BMPs	
x		x		x		x			x	Use efficient irrigation system: such as drip or micro-sprinkler	☐
		x		x		x			x	Test irrigation system for distribution uniformity by monitoring water delivery or pressure differences by block at least every 3 years	☐
		x		x					x	Implement irrigation practices that are based on soil moisture measurements and/or crop evapotranspiration	☐
		x							x	Use soil solution electrical conductivity measurements to determine when salt leaching is necessary	☐
		x	x						x	Conduct soil residual nitrate tests and use results to adjust fertilizer application	☐
		x	x						x	Conduct leaf/petiole tests and use results to apply the minimum necessary amount of fertilizer	☐
		x	x						x	Analyze irrigation water nitrate and use results to adjust fertilizer application	☐
		x	x						x	Adjust fertilizer application to account for nutrients provided by cover crops	☐
								x	x	Use a pest control advisor (PCA) or certified qualified applicator for pesticide management decisions	☐
								x	x	Implement an integrated pest management plan	☐
x		x		x		x			x	Avoid/prevent irrigation runoff	☐

Water Quality Issues										BMPs	Implemented?
Bacteria		Nutrients		Metals		Legacy Pesticides		Current Use Pesticides	Toxicity		
Dry Weather	Wet Weather	Dry Weather	Wet Weather	Dry Weather	Wet Weather	Dry Weather	Wet Weather	Wet Weather	Dry Weather		
										Optional Treatment BMPs	
	x	x	x	x	x	x	x	x	x	Runoff is treated with sediment traps, detention/retention basins, bioreactor, or constructed wetlands	☐