

APN \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ VCAILG ID# \_\_\_\_\_

## **Your property is within the Lower Calleguas Creek Responsibility Area**

**Monitoring Beacon Site:** 04D\_ETTG (Revolon Slough at Etting Road)

### **Lower Calleguas Creek 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 (nitrate)
- Metals and Selenium (copper)
- Legacy Pesticides (organochlorine pesticides, e.g. DDT and toxaphene)
- Current Use Pesticides (organophosphorus and pyrethroid 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](mailto:vcailg@farmbureauvc.com) or (805) 289-0155
- Link to VCAILG Water Quality Management Plan  
[www.farmbureauvc.com/issues/water-issues/water-quality/management](http://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](http://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 the Interactive Irrigation Management to Reduce the Leaching of Nitrogen (IIMRLN) program administered by the Resource Conservation District to provide technical assistance and nutrient BMPs. Visit the IIMRLN webpage at <http://www.vcrd.org/iimrln> for more information.

**Required Best Management Practices for the Lower Calleguas Creek 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	Wet Weather			
<i>Required for all agricultural operations in RA</i>													
		x	x							x	x	Prepare a certified <a href="#">nutrient management</a> plan for the property (required beginning in September 2019)	<input type="checkbox"/>
<i>Additional BMP Selection Options</i>													
<i>Addresses Most Pollutants</i>													
x	x	x	x	x	x	x	x	x	x	x	x	Use <a href="#">grassed waterways</a>	<input type="checkbox"/>
x	x	x	x	x	x	x	x	x	x	x	x	Use <a href="#">vegetated filter strips</a>	<input type="checkbox"/>
		x	x	x	x	x	x	x	x	x	x	Reduce bare soil in production area with <a href="#">cover crops</a> , gravel, <a href="#">mulch</a> , etc.	<input type="checkbox"/>
x	x	x	x	x	x	x	x	x	x	x	x	Protect ditches from erosion using <a href="#">vegetation</a> , rock placement or geotextiles, or wattles placed at intervals	<input type="checkbox"/>
		x	x	x	x	x	x	x	x	x	x	Minimize erosion on <a href="#">sloped areas</a> with <a href="#">contour farming</a> , <a href="#">contoured buffer strips</a> , or <a href="#">terracing</a> (sloped acres with erosion control/total sloped acres)	<input type="checkbox"/>
<i>Source Control BMPs</i>													
x		x		x		x				x		Use <a href="#">efficient irrigation system</a> : such as drip or micro-sprinkler	<input type="checkbox"/>
		x		x		x				x		Test <a href="#">irrigation system</a> for distribution uniformity by monitoring water delivery or pressure differences by block at least every 3 years	<input type="checkbox"/>

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	Wet Weather		
		x		x					x		Implement <a href="#">irrigation practices</a> that are based on soil moisture measurements and/or crop evapotranspiration	<input type="checkbox"/>
		x							x		Use <a href="#">soil solution electrical conductivity measurements</a> to determine when salt leaching is necessary	<input type="checkbox"/>
		x	x						x	x	Conduct soil residual nitrate tests and use results to adjust fertilizer application	<input type="checkbox"/>
		x	x						x	x	Conduct leaf/petiole tests and use results to apply the minimum necessary amount of fertilizer	<input type="checkbox"/>
		x	x						x	x	Analyze irrigation water nitrate and use results to adjust fertilizer application	<input type="checkbox"/>
		x	x						x	x	Adjust fertilizer application to account for nutrients provided by <a href="#">cover crops</a>	<input type="checkbox"/>
			x		x			x		x	Minimize bare soil in <a href="#">non-cropped areas</a> by using <a href="#">vegetation</a> , <a href="#">mulch</a> , or gravel	<input type="checkbox"/>
								x	x	x	Use a pest control advisor (PCA) or certified qualified applicator for pesticide management decisions	<input type="checkbox"/>
								x	x	x	Implement an <a href="#">integrated pest management plan</a>	<input type="checkbox"/>
		x		x		x			x		<a href="#">Avoid/prevent irrigation runoff</a>	<input type="checkbox"/>
<i>Optional Treatment BMPs</i>												
x	x	x	x	x	x	x	x	x	x	x	Runoff is treated with <a href="#">sediment traps</a> , detention/retention basins, bioreactor, or <a href="#">constructed wetlands</a>	<input type="checkbox"/>