

**Table 7.8.4-4a Required and Trackable TMDL Implementation Measures for Sediment Discharges Associated with Vineyards<sup>1</sup>**

Land Use Category	Performance Standards	Actions	Implementing Parties	Completion Dates		
<b>Vineyards</b>	<p><b>Surface Erosion associated with vineyards:</b> Control excessive rates of sediment delivery to channels resulting from vineyard surface erosion<sup>5</sup>; <b>and</b></p> <p><b>Roads:</b> Road-related sediment delivery to channels ≤ 500 cubic yards per mile per 20-year period; <b>and</b></p> <p><b>Gullies and/or shallow landslides:</b> Accelerate natural recovery and prevent human-caused increases in sediment delivery from unstable areas; <b>and</b></p> <p><b>Effectively attenuate significant increases in storm runoff</b>, so that the runoff from vineyards shall not cause or contribute to downstream increases in rates of bank or bed erosion.</p>	<p>Submit a Report of Waste Discharge<sup>2</sup> (RoWD) to the Water Board that provides, at a minimum, the following: a description of the vineyard; identification of site-specific erosion control measures needed to achieve performance standard(s) specified in this table; and a schedule for implementation of identified erosion control measures.</p> <p>Or</p> <p>Develop and begin implementing a farm plan certified under Fish Friendly Farming Environmental Certification Program or other farm plan certification program, approved as part of a waiver of WDRs. All dischargers applying for coverage under a waiver of WDRs also will be required to file a notice of intent (NOI) for coverage, and to comply with all conditions of the WDR waiver.<sup>4</sup></p>	Vineyard owner and/or operator	October 2014		
		Comply with applicable waste discharge requirements (WDRs) or waiver of WDRs.			Vineyard owner and/or operator	As specified in applicable WDRs or waiver of WDRs
		Report progress on implementation of site specific erosion control measures. <sup>3</sup>				

<sup>1</sup>To achieve TMDL allocations and consistent with the *Policy for Implementation and Enforcement of the Nonpoint Source Pollution Control Program* (State Board, 2004).

<sup>2</sup>Or compliance with applicable conditional waivers of WDRs that may be adopted by the Water Board.

<sup>3</sup>Reports may be submitted individually or jointly through a recognized third party.

<sup>4</sup>Additional conditions may be required under a General WDR and/or waiver program consistent with *the Policy for Implementation and Enforcement of the Non-Point Source Control Program* (State Board 2004), and/or as needed to avoid potentially significant environmental impacts.

<sup>5</sup>Napa County Conservation Regulations (County Code, Chapter 18.108) are effective in the control of excessive rates of sediment delivery resulting from vineyard surface erosion. Rates of sediment delivery are “excessive” when the predicted soil loss rate exceeds the tolerable soil loss rate (T), calculations as described in “The Universal Soil Loss Equation, Special Applications for Napa County, California” (USDA, 1994).