

**CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350, AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

In connection with the quarterly report of Sonoma Valley Bancorp (the ACompany®) on Form 10-Q for the period ended June 30, 2009, as filed with the Securities and Exchange Commission on the date hereof (the AReport®), we, Sean C. Cutting, Chief Executive Officer and Mary Dieter Smith, Chief Financial Officer, of the Company certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of our knowledge:

- (1) the Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: August 6, 2009

/s/ Sean C. Cutting

Sean C. Cutting
President and Chief Executive Officer
(Principal Executive Officer)

Date: August 6, 2009

/s/ Mary Dieter Smith

Mary Dieter Smith
Executive Vice President and
Chief Financial Officer
(Principal Financial and Accounting Officer)
