

B - #3. Please describe how the Alternative covers the entire basin.

This alternative is based on a number of documents that have been designed to bring the entire basin into balance. Significantly, the Basin Management Plan Update that contains a suite of projects and programs intended to halt seawater intrusion and balance the entire Pajaro Valley Groundwater Subbasin prior to the 2040 SGMA deadline. The benefits recognized in this Basin Management Plan Update were checked with the Pajaro Valley Hydrologic Model (PVHM), documented in the *Scientific Investigations Report 2014-15: Integrated Hydrologic Model of Pajaro Valley, Santa Cruz and Monterey Counties, California*, published by the United States Geologic Survey. This model covers the nearly the entire basin as illustrated in the image below. Simulations showed that successful implementation of the Basin Management Plan leads to a balanced basin with no additional seawater intrusion.

