

12. Groundwater Level Monitoring at the District Level

Background:

Given the adoption of the *Paso Robles Subbasin Groundwater Sustainability Plan* (“GSP”) it is now necessary for the GSA’s to prepare for and begin implementation. The SSJWD Board has identified the initial endeavor of the development of an effective monitoring network for the area of the SSJWD. (GSP Chapter 7, “Monitoring Networks”)

Staff Comments:

Monitoring Network:

An iterative process, beginning with a large group of wells selected to examine for suitability of inclusion in the network will begin. These wells will be fitted with monitoring devices that record water depths at consistent, defined frequency. After a defined time, data will be analyzed, helping to identify any areas that have unique characteristics, as well as those areas with common characteristics; essentially defining further “sub areas” within the SSJWD area. Then, through study and analysis, the number of wells will be reduced down to a smaller number of wells that each represents a set of data for which it is chosen to be included in the final monitoring network.

GSI has been retained to outline requirements for a successful monitoring network and work with staff and landowners in identifying existing wells that are suitable for inclusion in the initial group, as well as what additions would be required to improve the network.

Staff Requests/Recommendations:

The identification of wells in the basin is key to this task.

Thus, staff requests that the Board of the SSJWD direct all landowners to submit a list of all wells covered by the GSP, including at a minimum, location and size to staff or GSI.

This information will be used to create a database of wells in the district, and then combined with the monitoring network design parameters to establish a proposed network, and ultimately a budget for developing a monitoring network