

ANTIDEGRADATION

Hualapai Department of Natural Resources

Alvin Crook, Acting Water Resource Manager

Lanny Siyuja, Air/Water/GIS Technician

Jalen Walker, Air/Water Technician

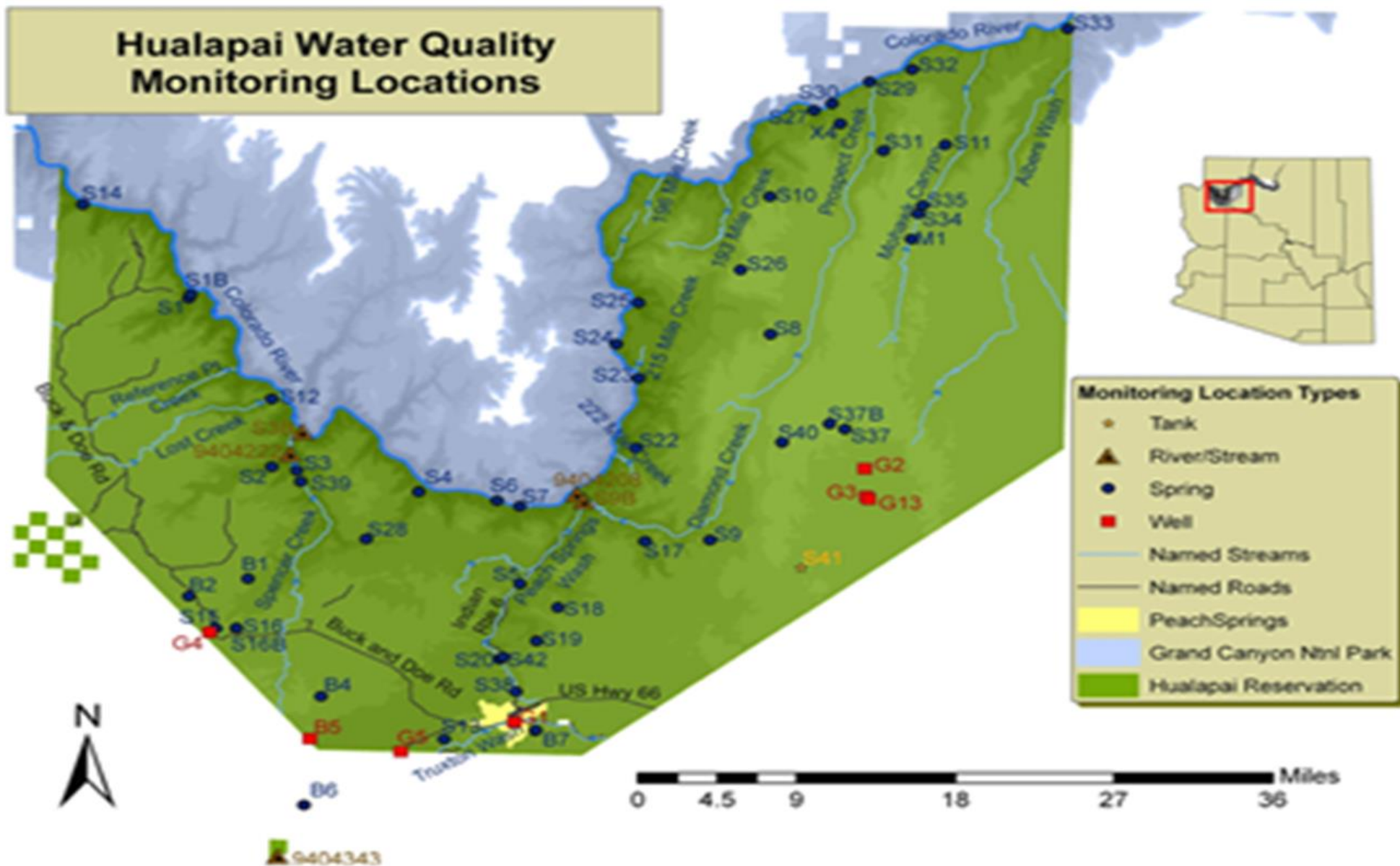
Water and The Hualapai

The water is ha'nyi gach ja (grandfather water) to the Hualapai. Prayers are said when one partakes of the life giving liquid. The springs (ha'pak) of the Hualapai lands are considered holy water.



The Holy water is bathed in for healing of the body and soul. Babies are taken to the sacred spring near their place of birth and Washed. Doing this makes the child a part of the spring, and the child can return to the spring for blessing and guidance. That child is related to the water. The Hualapais live through the water, and the water lives through the Hualapai.

Hualapai Water Quality Monitoring Locations

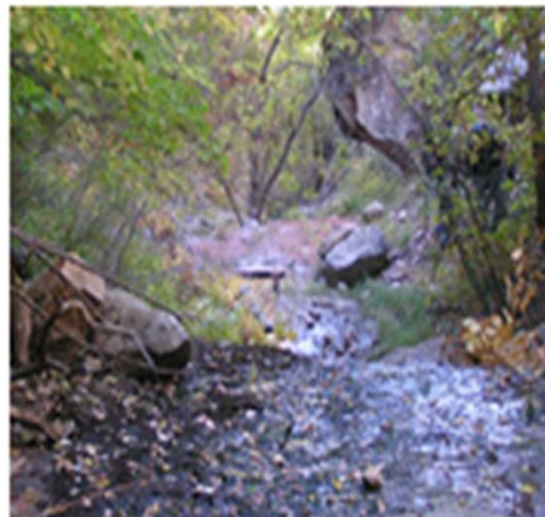


Field water quality monitoring conducted by Alvin Crook at the source of Diamond Spring. Records the following: pH, temperature, salinity, TDS, conductivity, Dissolved Oxygen and turbidity; a water sample is taken at the site and brought to our lab and processed for phosphorous, nitrate, nitrite, Total Nitrogen and E.coli.





Wetland Demonstration exclusion fence project prohibiting access of feral animals to Big Spring. Hualapai Summer youth workers and a participant on the Workforce Participant Act Program (WIA) assisted Water Resource Program staff in the completion of the project.





Section 319 Nonpoint source funds from EPA used to enclose Ridenour Spring, rock containment dam was constructed and plumbed to a wildlife drinker away and outside of the spring source; to prevent trampling of vegetation and to maintain water quality.