

Michele King

From: Jack Lucas <jlucas1099@aol.com>
Sent: Tuesday, February 27, 2018 12:44 PM
To: Board of Directors
Subject: Groundwater Management Resolution SCVWD Board - February 27, 2018

Director Richard Santos, Chair
Santa Clara Valley Water District Board of Directors

February 27, 2018

Dear Director Richard Santos,

In regards today's Board Agenda resolution regarding process to regulate groundwater extraction in accordance with the Sustainable Groundwater Management Act (SGMA), do believe this is a critical and commendable action for the Board to take at this time.

Would urge Board to extend its conservation resolutions even further to encompass watershed protection for all tributary streams which supply your Santa Clara Valley groundwater basin.

Specially along western foothills of Santa Clara Valley fourteen streams supply high quality water to deep drinking water aquifers across a fold in topography known as the groundwater cascade. This geological percolation arc is rather unique to our valley and requires respect and protection. Equivalent percolation is difficult to duplicate with engineered filtration galleries or injection wells.

Conservation criteria could necessarily reflect California Water Law as to riparian, appropriative and prescriptive rights, stream diversions and well permit applications, but it could detail priorities in beneficial and domestic uses, and differentiate between agricultural and horticultural irrigation.

My personal concern has been use of Adobe, Los Trancos and San Francisquito Creeks for college campus irrigation to detriment of downstream riparian corridors when drought tolerant vegetation would provide natural, attractive and economical options.

District's public education efforts have been good but believe they must go farther and faster, if global warming trends continue to send us such erratic swings in temperature and precipitation.

Please inspire public to appreciate prime resources that valley enjoys and do engage scientists.

Thank you,

Libby Lucas

PS Might suggest it is imperative to educate engineers, upgrading South Bay infrastructure, as to ecology and environmental constraints of percolation streams relative to critical basin aquifer. I worry about High Speed Rail impacts to groundwater cascade if routed through Metcalf Narrows. Cal Trans cementing in of percolation reach of Regnart Creek under #85 is case in point.