



April 20, 2015

Mr. Mike Geary, PE  
SQUAW VALLEY PUBLIC SERVICE DISTRICT  
305 Squaw Valley Road  
Olympic Valley, CA 96146-2026

RE: 2015 Updated Peer Review of the Squaw Valley Real Estate Development SB 610 Water Supply Assessment

Dear Mr. Geary:

Interflow Hydrology, Inc. would be pleased to provide additional services for independent peer review of the Water Supply Assessment (WSA) being prepared for the proposed Squaw Valley Real Estate Development project. In May and June 2014, Interflow Hydrology provided SVPSPD with independent peer review related to the draft WSA. Reviews included our preliminary review of the Sufficiency of Supply memorandum by Todd Groundwater and HydroMetrics dated May 15, 2014; and the review of the draft WSA dated June 3-6 (provided in sections), 2014. The sufficiency of supply review included a review of the numerical flow model being used to evaluate aquifer performance under increased water demands.

The 2014 draft WSA is currently being updated to incorporate hydrologic data from the 2012-2014 time period. Model calibration is being reviewed and will be updated if necessary to provide results consistent with observed conditions. In light of the on-going drought, the drought year and multi-year drought scenarios in the WSA are being reviewed and may be updated, if data warrants. Additionally, there have been modifications to the projected future water demands, including an increase in water use projections associated occupancy assumptions, and increase in the level of future pumping for snowmaking to be consistent with recent drought years. An updated WSA document is being prepared in recognition of the new data and information.

The following tasks are proposed for Interflow Hydrology to provide an updated WSA peer review.

- 1) Review 2012 - 2014 hydrologic data and model calibration fit to the 2012-2014 data;
- 2) Review updated water demand estimates;
- 3) Review the updated Sufficiency of Supply memorandum prepared by Todd Engineers and HydroMetrics, and provide an updated review letter (updated from the Interflow Hydrology May 29, 2014 review letter).
- 4) Review the updated draft WSA and provide an updated independent review letter (updated from Interflow Hydrology June 12, 2014).

- 5) Attend SVPSD Board meeting and presentation for the updated WSA.

I assume that HydroMetrics will provide the updated MODFLOW model files (Groundwater Vistas files) for model calibration review and any updated predictive simulations.

Estimated costs for the tasks outlined above are \$7,280.00 (\$8,372.00 including a 15% contingency), as summarized in the accompanying spreadsheet. Hydrogeologic services will continue to be billed on a time and expenses basis, in accordance with our Professional Services Agreement with SVPSD dated April 17, 2013.

Thank you for the opportunity to provide professional services to the SVPSD. Please do not hesitate to contact me, if you have any questions regarding scope of work presented herein.

Sincerely,  
INTERFLOW HYDROLOGY, INC.



Dwight L. Smith, PG, CHg  
Principal Hydrogeologist  
CA Certified Hydrogeologist #194  
*dwight.smith@interflowhydro.com*

**Table 1 - Task Breakdown and Cost Estimate****Additional Peer Review of Squaw Valley Real Estate Development WSA****Date: 4/20/2015**

Work Task	Completion Date	Estimated Hours		Estimated Task Total
		D. Smith	J. Childress	
1.) Review of 2012-2014 Hydrologic Data and Model Calibration to additional data	5/15/2015	10	2	\$1,400.00
2.) Review of updated water demand estimates	5/15/2015	2		\$280.00
3.) Review of WSA Task 4 - Sufficiency of Supply, including review of predictive numeric flow model and results	5/29/2015	16		\$2,240.00
Coordination with consultants and SVPSD	5/29/2015	2		\$280.00
Update written Sufficiency of Supply comments	5/29/2015	6	2	\$840.00
4.) Review updated Draft WSA	6/12/2013	6		\$840.00
Update written WSA peer review comments	6/12/2015	4		\$560.00
5.) Attend Board Meeting, including preparation and coordination	6/29/2013	6		\$840.00
<b>Estimated Total</b>		<b>52</b>	<b>4</b>	<b>\$7,280.00</b>
Contingency (15%)				\$1,092.00
<b>Total with Contingency</b>				<b>\$8,372.00</b>

**Professional Fee Schedule (from 2013 Professional Services Agreement)**

Professional Services:	Rate:
Dwight L. Smith, Principal Hydrogeologist	\$ 140.00 per hour
Jack Childress, Senior Hydrogeologist	\$ 95.00 per hour
Andy Rost, PhD, Hydrologist	\$ 90.00 per hour
Field Equipment, if needed:	
Water Level Transducer-Recorder	\$ 100.00 per week
EC, Temperature, pH Meter	\$ 25.00 per day
Stream Flow Gage	\$ 50.00 per day
Field Vehicle	\$ 0.75 per mile
Outside Services & Misc. Expenses	Cost plus 10%
Travel and Per Diem	NA