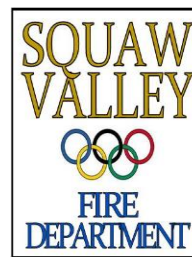




## SQUAW VALLEY PUBLIC SERVICE DISTRICT



### ***Redundant Water Supply – Preferred Alternative Evaluation: Phase III - 2015 Feasibility Study Update***

**DATE:** September 29, 2015

**TO:** District Board Members

**FROM:** Mike Geary, General Manager

**SUBJECT:** *Redundant Water Supply / Preferred Alternative Evaluation: Phase III – 2015 Feasibility Study Update*

**BACKGROUND:** Phase I of the Redundant Water Supply / Preferred Alternative Evaluation (RWS-PAE) is titled *Water Supply Feasibility Summary and Gap Analysis* and was presented to the Board in final form in November, 2014.

Phase II is titled *Evaluation of Water Supply Sources from Gap Analysis* and was presented to the Board in February, 2015.

Phase III is titled *Preferred Alternative Evaluation* and includes the following work:

- 2015 Feasibility Study Update
- Alternatives Evaluation and Project Description – Design Criteria Memorandum
- Alternatives Evaluation Memorandum
- Project Description (Preferred Alternative)

The subject of this report is the first bullet only; the 2015 Feasibility Study Update. The report is currently in DRAFT form; staff expects to finalize the study in October, 2015 and post it on the District's website.

The PSD updated its website in September, 2014 and dedicates a page to the RWS-PAE; it's located under the Current Topics link on our homepage, or at this direct link: <http://www.svpsd.org/proposed-redundant-water-supply>

**DISCUSSION:** This 2015 Feasibility Study Update is an update of the 2009 "*Alternative / Supplemental Water Supply and Enhanced Utilities Feasibility Study*" and

specifically includes updated information on:

- The District's Redundant Water Supply Needs
- Truckee River Side Drainages Evaluations
- Groundwater Availability in the Martis Valley based on new information from the 2013 *Martis Valley Groundwater Management Plan* and other studies completed since 2009
- Export Water Supply Alternatives
- Infrastructure and Transmission Main Alignment Evaluations including information about potential joint trench utility partners
- Environmental Constraints Analysis
- Planning Level Cost Estimates

The remaining work in Phase III is scheduled for completion by December, 2015.

**ALTERNATIVES:** The 2015 Feasibility Study Update is for information only; no action is requested from the Board of Directors.

**FISCAL/RESOURCE IMPACTS:** The Board authorized staff to enter into a Funding Agreement with the State of California's Department of Water Resources as part of the Local Groundwater Assistance Grant Program for \$225,000 to reimburse the District for the evaluation.

The DWR grant will reimburse expenses incurred by the District to perform the evaluation to a maximum of \$225,000. The contract with Farr West Engineering is estimated to cost the same; the project is currently within budget. Internal expenses for staff to participate in the preparation of the evaluation and administer both the consultant and DWR grant contract have been budgeted for \$50,000 and are expected to be much less.

**RECOMMENDATION:** The 2015 Feasibility Study Update is for information only; no action is requested from the Board of Directors.

**ATTACHMENTS:** *RWS-PAE*: Phase 3 – DRAFT 2015 Feasibility Study Update - Executive Summary.

**DATE PREPARED:** September 23, 2015