

**DRINKING WATER BOARD  
BOARD PACKET FOR CONSTRUCTION LOAN**

**APPLICANT'S REQUEST:**

Angell Springs Special Service District has a project consisting of SCADA replacement. The cost of the project is estimated at \$75,000. Angell Springs Special Service District is in need of replacing the current SCADA system as it has failed. Angell Springs has indicated they will be contributing \$7,500 towards the project.

**STAFF COMMENTS:**

The local MAGI for Angell Springs SSD is approximately \$40,766 (89% of the state MAGI), the after project water bill would \$89.23, which is 2.63% of the local MAGI. Therefore they do qualify as a hardship community to receive principal forgiveness.

<b>Option#</b>	<b>Loan</b>	<b>%/fee</b>	<b>P.F.</b>	<b>% of local MAGI</b>	<b>Water bill</b>
Base	\$67,500	2.12%	\$0	2.63%	\$89.23
Grant	\$0	0%	\$67,500	2.47%	\$83.89

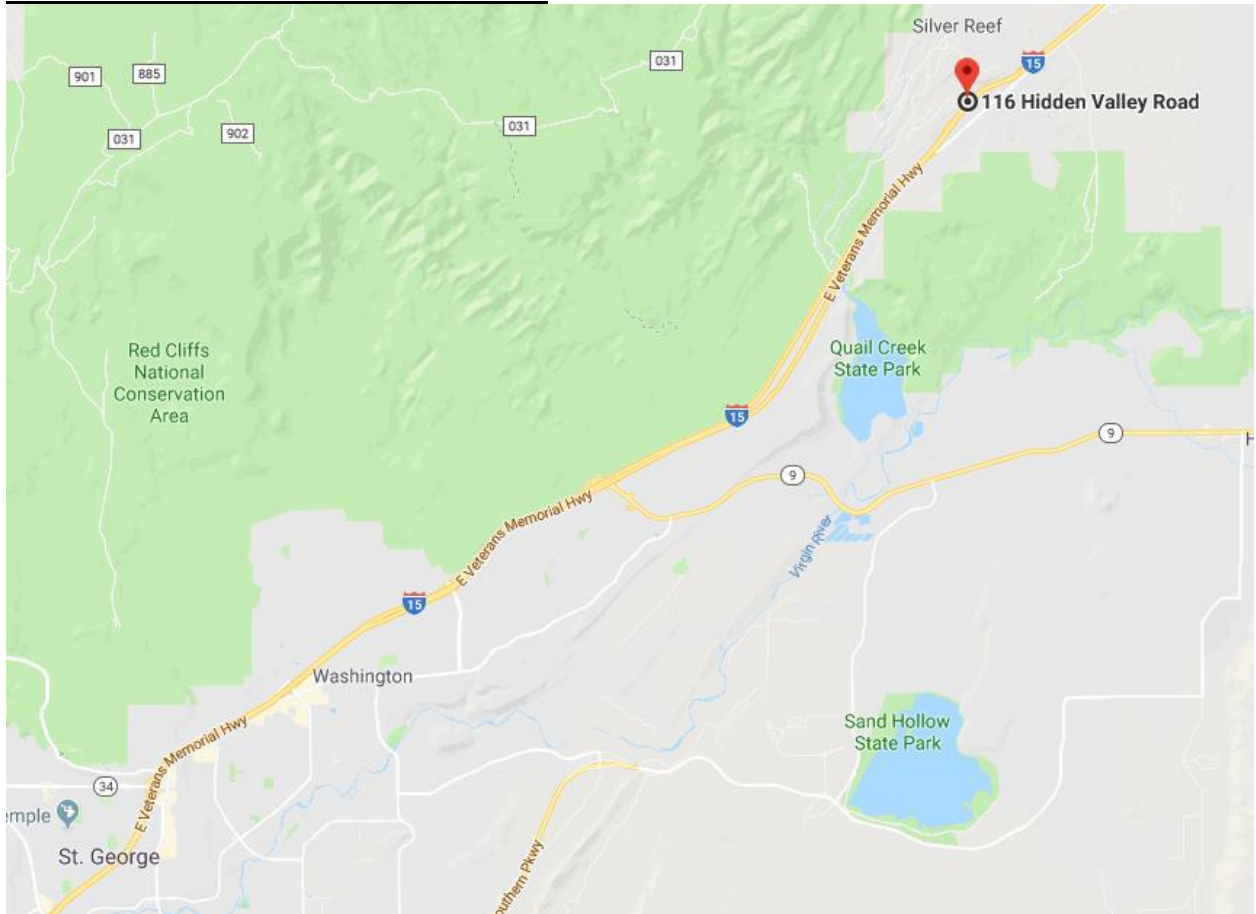
**STAFF RECOMMENDATION:**

The Drinking Water Board authorize a grant of \$67,500. Conditions include that they resolve all issues on their compliance report.

**APPLICANT'S LOCATION:**

Angell Springs SSD is located in Washington County approximately 16 miles North East of St George.

**MAP OF APPLICANT'S LOCATION:**



**PROJECT DESCRIPTION:**

Angell Springs Special Service District is in need of a new SCADA system as their current system has failed. The project will consist of replacing the current system by installing and programming a new SCADA. A submersible tank sensor will also be installed as well as moving the chlorine control to an adjacent location. This will allow them the use of their well which currently has unsafe radium and has not been used. The ability to monitor the levels will give them the ability to bring the well back on line.

**POPULATION GROWTH:**

There are no projected populations for Angell Springs as they do not have the water resources for additional connections.

**IMPLEMENTATION SCHEDULE:**

FA Committee Conference Call:	NA
DWB Funding Authorization:	June 2019
Begin Construction:	Sep 2019
Complete Construction:	Oct 2019

**COST ESTIMATE:**

SCADA	\$75,000
<b>Total Project Cost</b>	<b>\$75,000</b>

**COST ALLOCATION:**

The cost allocation proposed for the project is shown below:

<u>Funding Source</u>	<u>Cost Sharing</u>	<u>Percent of Project</u>
DWB Grant	\$67,500	90%
System contribution	\$7,500	10%
Total	\$75,000	100%

**IPS SUMMARY:**

Code	Description	Physical Facilities	Quality & Monitoring	Significant Deficiency Violations
M001	Current Emergency Response Program	-10		
M006	CCC-lacks written records	10		
M007	CCC-lacks on-going enforcement	10		
S015	Well lacks a means to measure drawdown	1		
SS07	Deep rooted vegetation in spring collection area	10		
V008	Storage access not a min of 4" above surface	3		
	<b>Total = 24</b>	<b>24</b>	<b>0</b>	<b>0</b>

**CONTACT INFORMATION:**

APPLICANT:

Angell Springs SSD  
118 Hidden Valley Rd  
PO Box 461234  
Leeds, UT 84746  
435-467-5478  
vickyinut@infowest.com

PRESIDING OFFICIAL &  
CONTACT PERSON:

Vicky Cummins  
Clerk  
PO Box 460998  
Leeds, UT 84746  
435-467-5478  
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RECORDER:

M J Crystal  
435-703-4991  
mjcrystal@gmail.com

# DRINKING WATER BOARD FINANCIAL ASSISTANCE EVALUATION

SYSTEM NAME: Angell Springs SSD  
 COUNTY: Washington  
 PROJECT DESCRIPTION: SCADA

FUNDING SOURCE: State SRF

## 0 % Loan & 100 % Grant

ESTIMATED POPULATION:	200	NO. OF CONNECTIONS:	75 *	SYSTEM RATING:	APPROVED
CURRENT AVG WATER BILL:	\$53.71 *			PROJECT TOTAL:	\$75,000
CURRENT % OF AGI:	1.58%			LOAN AMOUNT:	\$0
ESTIMATED MEDIAN AGI:	\$40,766	FINANCIAL PTS:	56	GRANT AMOUNT:	\$67,500
STATE AGI:	\$45,895			TOTAL REQUEST:	\$67,500
SYSTEM % OF STATE AGI:	89%				

	@ ZERO % RATE	NO. OF CONNECTIONS	@ RBBI MKT RATE	AFTER REPAYMENT PENALTY & POINTS
<b>SYSTEM</b>				
ASSUMED LENGTH OF DEBT, YRS:	20		20	20
ASSUMED NET EFFECTIVE INT. RATE:	0.00%		4.56%	2.31%
REQUIRED DEBT SERVICE:	\$0.00		\$0.00	\$0.00
*PARTIAL COVERAGE (15%):	\$0.00		\$0.00	\$0.00
*ADD. COVERAGE AND RESERVE (10%):	\$0.00		\$0.00	\$0.00
<b>ANNUAL NEW DEBT PER CONNECTION:</b>	\$0.00		\$0.00	\$0.00
O & M + FUNDED DEPRECIATION:	\$52,097.00		\$52,097.00	\$52,097.00
OTHER DEBT + COVERAGE:	\$20,000.00		\$20,000.00	\$20,000.00
REPLACEMENT RESERVE ACCOUNT:	\$3,404.85		\$3,404.85	\$3,404.85
<b>ANNUAL EXPENSES PER CONNECTION:</b>	\$1,006.69		\$1,006.69	\$1,006.69
TOTAL SYSTEM EXPENSES	\$75,501.85		\$75,501.85	\$75,501.85
TAX REVENUE:	\$0.00		\$0.00	\$0.00
<b>RESIDENCE</b>				
MONTHLY NEEDED WATER BILL:	\$83.89		\$83.89	\$83.89
<b>% OF ADJUSTED GROSS INCOME:</b>	2.47%		2.47%	2.47%

\* Equivalent Residential Connections