# WELCOME TO THREE VALLEYS MWD



JANUARY 30, 2020

#### MIRAGRAND WELL PROJECT

Will enable TVMWD to enhance the use of reliable, less expensive, local water resources over the long-term in a sustainable manner and reduce the need for imported water.

#### WORKSHOP #3 GOALS

- Original proposed site improvements
- Design & landscaping concepts incorporated
- Added cost of design & landscaping
- Final conceptual renderings
- Miragrand Well project next steps







# DESIGN & LANDSCAPING CONCEPTS INCORPORATED

- Rock drainage swale (no concrete curb)
- DG pathways (no concrete sidewalk)
- Fieldstone well enclosure
- Relocate well enclosure
- Relocate discharge piping
- Increase fence setback
- Additional drought tolerant landscaping
- Minimal site lighting
- Trees for visual "screen"

# ESTIMATED COST OF INCORPORATED ITEMS

\$325,000 - \$375,000

#### Conceptual Design Elements



Historic Fieldstone Well Pump House – Baseline & Padua

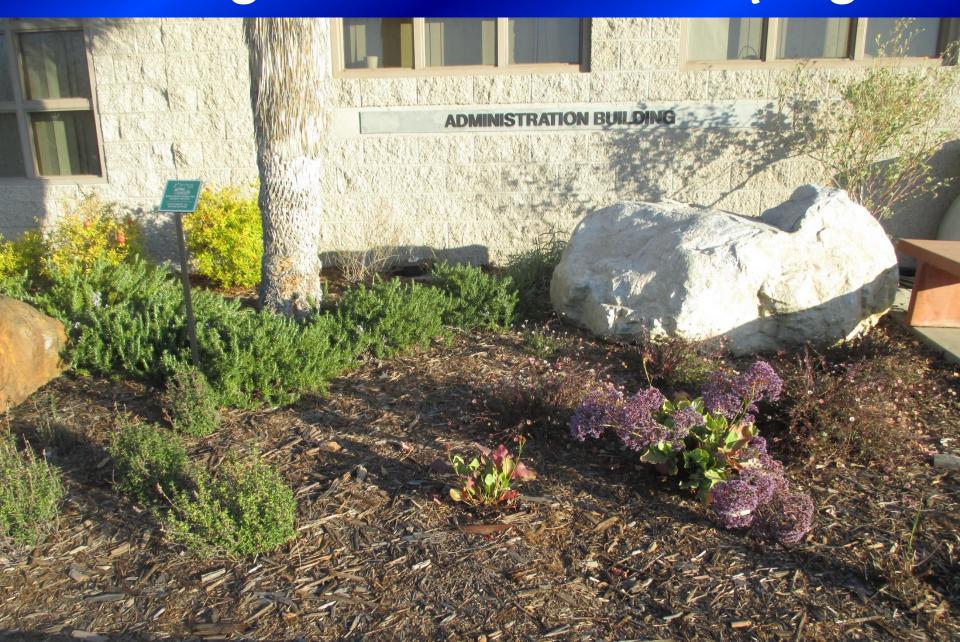
#### Conceptual Design Elements



Historic Fieldstone Well Pump House – Baseline & Padua



#### Drought Tolerant Landscaping



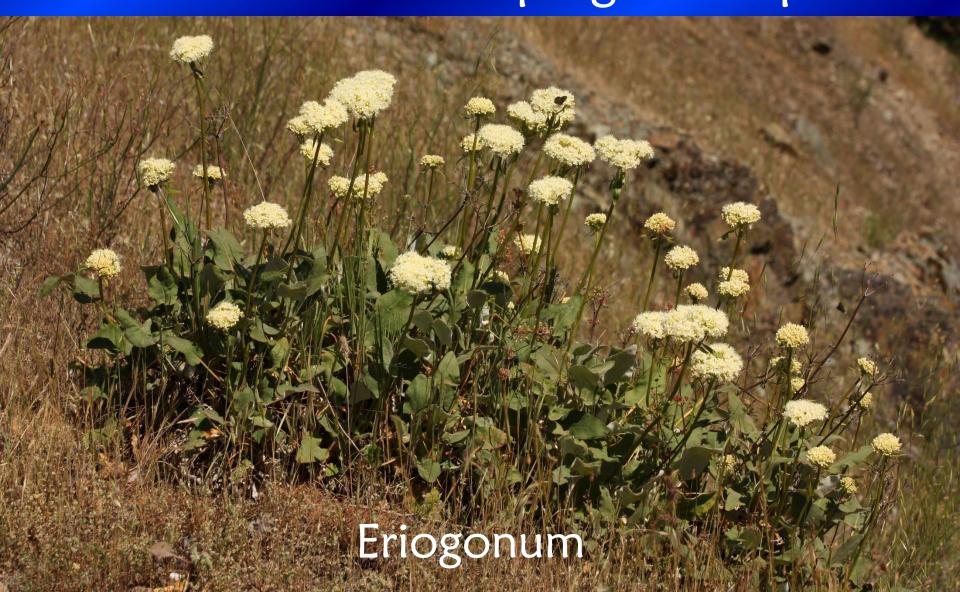






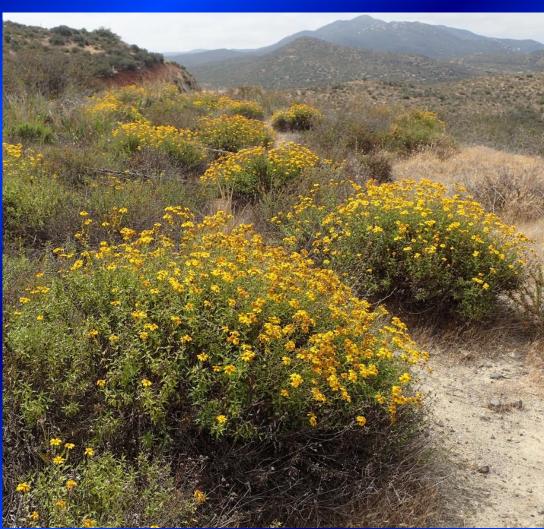


Abutilon / Sphaeralcea





Bahiopsis









Heteromeles Arbutifolia (toyon)



#### Miragrand Well Conceptual Rendering



View at Grand & Miramar Avenue



View Looking North on Miramar Avenue

#### Miragrand Well Conceptual Rendering



View Looking West on Grand Avenue

#### Conceptual Rendering



Plan View





## MIRAGRAND WELL PROJECT NEXT STEPS

- TVMWD board consideration of approval & adoption of environmental documentation (2/19/20)
- District retain hydrogeologist prepare well drilling & development specs (2/26/20 to 4/1/20)
- Public bid process Award Construction to well drilling contractor (5/20/20)
- Well drilling construction 6/15/20 to 10/15/20

#### **QUESTIONS & COMMENTS**