



MEETING AGENDA

DATE: June 17, 2021
SUBJECT: Terrace Lakes ECWAG Well Project Kickoff Meeting

ATTENDEES

- **Mountain Waterworks;** Tim Farrell, Kristina Gillespie
- **USDA-Rd;** Noel LaRoque, Noe Ramirez
- **Terrace Lakes Water Company Board;** Dennis Largent

AGENDA ITEMS

1. PROJECT SUMMARY

- Review - Preliminary Engineering Report
 - Proposed Well Drilling and Associated Well Facilities
 - ✓ Water Right - Modifications
 - ✓ New Groundwater Well
 - ✓ Well House
 - ✓ Associated Mechanical and Chemical Facilities
 - ✓ Water Transmission Pipeline
 - ✓ Startup and Testing
 - Review Project Budgetary Cost Estimate (See Attached Table)

Project Construction Estimate	\$695,000	
<u>Construction Contingency</u>	<u>\$112,000</u>	
Total Construction		\$807,000
Basic Engineering	\$152,000	
RPR	\$17,500	
<u>Additional Services</u>	<u>\$50,000</u>	
Sub Total		\$219,000
Project Total		\$1,026,900

2. PROJECT FUNDING

- ✓ USDA-RD ECWAG \$1,000,000
- ✓ TLWC Contribution \$26,900
- ✓ Total Project Cost \$1,026,900

3. REVIEW ENGINEERING BUDGET

BASIC ENGINEERING		
Study and Report	\$15,000	w/in 180 days of effective date of contract
Preliminary Design	\$25,000	w/in 180 days of authorization to proceed with this phase
Final Design	\$62,400	w/in 120 days of authorization to proceed with this phase
Bidding, Negotiation	\$15,000	
Constr. Management	\$20,000	
Post-Construction	\$15,000	
	\$152,400	
RPR	\$50,000	On-site construction observation
Additional Services		
O&M Manual		
Record Drawings		
	\$17,500	
PROJECT TOTAL	\$219,900	

4. REQUIRED REGULATORY SUBMITTALS

- **Well Construction**
 - ✓ Water Right Transfer Application – Add Points of Diversion
 - ✓ Exploratory Well Permitting
 - ✓ Well Design Preliminary Engineering Report
 - ✓ Well Design Plans and Specifications
 - ✓ Well Completion Report
 - ✓ Water Quality and As-Built Drawings

- **Well Facility and Water Transmission Main Construction**
 - ✓ Preliminary Engineering Report
 - ✓ Plans and Specifications.
 - ✓ Operations Manual
 - ✓ As-Built Drawings and Engineering Certification

5. PROJECT TEAM

- ✓ Principal – Tim Farrell, P.E.
- ✓ Funding Administrator - Kristina Gillespie
- ✓ Project Manager - Emily Nicholas, P.E.
- ✓ Project Engineer – Emily Nicholas, P.E.
- ✓ Staff Engineer – Sam Nieslanik, EIT
- ✓ Project Administrator – Bri Cornwall

ACTION ITEM LOG

ACTION ITEMS	RESPONSIBLE PARTY	DATE RESOLVED
Engineering Contract Amendment	TLWC	
Land and Easement Acquisition	TLWC	