

Workshop - Item #8

Board Meeting
August 12, 2020

Workshop Item # 8
FY21 Budget Discussion

Workshop Item #8:

Discuss and review items of interest concerning the FY21 budget development process.

Narrative:

The attached budget worksheet is based on:

- FY20 Original Budget Amount,
- FY20 Amended Budget as of July 2020,
- FY20 year to date expenditures,
- FY21 projections, and recommendations

- FY21 proposed “No New Revenue Tax Rate” income based on \$.00352/\$100 of **\$21,433,657,344** Certified Tax Base for CUWCD (see attached) **\$ 754,465.00**
(This total is based on the Bell CAD certified totals of)
- FY21 Anticipated Income for Permit fees, Delinquent Years, Interest, Transport Fees: **\$ 59,000.00**
- FY21 Deficit from Reserve Funds to balance **\$ 176,648.00**
- Proposed Draft Budget Total: **\$ 988,113.00**

Proposed budget includes the following budgetary categories and historical percentages:

- **Administrative Expenses:** **\$ 60,100.00 (6%)**
 - board fees, conferences, meals, hotels, audit, dues, GMA, mileage,
 - Does not include Contingency Fund.
 - **Operating Expenses:** **\$ 617,050.00 (62%)**
 - studies, adv, geo-consulting, 3D model, gages, WQ, monitor wells,
 - computer systems, website, educ. outreach, equipment, legal, permits,
 - Office supplies, postage, printing, subscriptions,
 - Science efforts (attached priority proposals)
 - **Facility Costs:** **\$ 18,875.00 (2%)**
 - insurance, maintenance, repairs, janitorial (AC)
 - **Utilities Costs:** **\$ 9,200.00 (1%)**
 - phone, electric, waste, water, internet
 - **Salaries and Benefits:** **\$ 282,888.00 (29%)**
 - salary, health insurance, taxes, workers comp, retirement
 - Salary goal should be to stay below 35% of total budget
 - Internship Program (One University Student)
 - **Contingency** **\$ - (0%)**
 - Remaining in draft budget
 - **Capital Improvements:** (None for FY21) **\$ - (0%)**
- Total **\$ 988,113.00 (100%)**

FY21 Proposed-Scientific Studies:

| | |
|---|----------------|
| BCAMC Fund share of Bell County Adaptive Management Coalition Participation | |
| • Annual BCAMC support of joint studies | (\$ 15,000.00) |
| • ESA Regulatory Reimbursable Task Orders, professional services | (\$ 25,000.00) |
| • ESA Special 4(d)rule development, professional services | (\$ 40,000.00) |
| • ESA SSA-DPS Petition for delisting, professional services | (\$ 40,000.00) |
| USGS Water Sciences, Austin Texas (water quality evaluation of the Mid-Trinity) | (\$ 50,100.00) |
| LRE Water (#2) on Rules/Management Plan/Areas/Zones/Science/Policy evaluation | (\$ 16,400.00) |
| WSP professional services related to TWDB Edwards BFZ Numerical GAM (NTE) | (\$ 45,000.00) |
| LRE Water (#5) on Conducting Regional Drawdown Study of Trinity Aquifer | (\$ 5,120.00) |
| LRE Water (#4) (Build Edwards BFZ Aquifer Trends Tool for Synoptic Understanding) | (\$ 10,240.00) |
| INTERA ASR Recoverability Tool/Feasibility Study, Bell Coalitions (2nd Yr/Phase II) | (\$ 20,000.00) |
| Baylor, Dr. Joe Yelderman | |
| (Surface Water/Groundwater Interaction below Belton Dam/Miller Springs) | (\$ 7,500.00) |
| Lovellace Water Wells, Annual Monitor Well Construction (site and aquifer TBD) | (\$ 45,000.00) |
| Includes time assisting with Geo-Physical Logs and Pump Test. | |

Standard Data Management/Infrastructure needs and/or enhancements:

| | |
|---|----------------|
| Halff Associates (hosting, data repository, dashboard and reporting updates) | (\$ 4,000.00) |
| Allan Standen Consulting Hydrogeologist for annual 3D model calibration. | (\$ 5,000.00) |
| LRE (break fix of management tools to N1 Permits and Wat | (\$ 1,640.00) |
| USGS Water Sciences, Austin Texas (stream gage) | (\$ 15,900.00) |
| Engineer Austin (hosting website, website enhancements, IT sustainment) | (\$ 7,200.00) |
| Halff Associates (platform migration to enhanced software/dashboard and tools) | (\$ 36,000.00) |
| Monitor Wells (equipment needs with TWDB and District recorder wells) | (\$ 15,000.00) |

Standard Geoscience Consulting

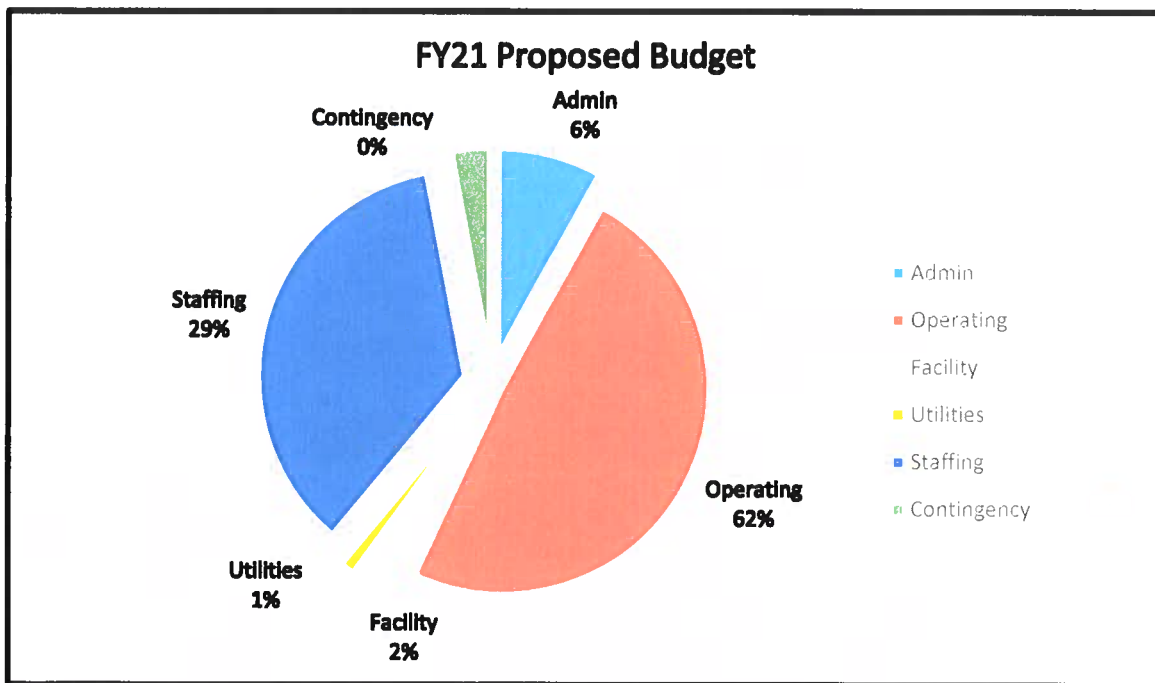
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|--|----------------|
| LRE Water on Permit Support and Groundwater Availability Certifications | (\$ 15,000.00) |
| WSP on GMA8 DFC development and cooperation with other GCDs. | (\$ 10,000.00) |
| LRE (Groundwater Investigations as needed) | (\$ 7,000.00) |
| GMA8 (technical and administrative) | (\$ 10,000.00) |

Legal Counsel Expenses

| | |
|---|----------------|
| Permitting | (\$ 15,000.00) |
| GMA8/DFC/MAG | (\$ 10,000.00) |
| Endangered Species | (\$ 15,000.00) |
| Legislative Services (during session) | (\$ 35,000.00) |
| Legislative Research/Analysis (prior to and after session) | (\$ 2,500.00) |
| General Rules/Accountability Support | (\$ 15,000.00) |

Staff Recommendation:

- **Board members** can address, modify and assess the **Guiding Principles** of the Budget Process as outlined by the GM.
- **General Manager** is providing recommended **Scientific Priorities** in the proposed budget for FY21.
- **Board Members** are encouraged to review the budgetary categories outlined as percentages:
 - Administration 6%
 - Operating Expenses 62%
 - Facility 1%
 - Utilities 2%
 - Salaries 29%
 - Capital Improvements 0%
- **Board Members** will receive presentations by District staff and invited Consultants at the workshop August 12th and 29th
- **Board Members** encouraged to set the preliminary tax rate on August 12th in regular board meeting at \$0.00352 (see attached Truth-N-Taxation document expressed as “No New Revenue Rate”)



| | FY20 | Proposed FY21 |
|-----------------------------|----------------------|----------------------|
| Admin: | \$ 61,250.00 | \$ 60,100.00 |
| Operating: | \$ 451,050.00 | \$ 617,050.00 |
| Facility: | \$ 21,975.00 | \$ 18,875.00 |
| Utilities: | \$ 9,200.00 | \$ 9,200.00 |
| Staffing: | \$ 277,252.00 | \$ 282,888.00 |
| Contingency Balance: | \$ 32,676.00 | \$ 0.00 |
| Total: | \$ 851,403.00 | \$ 988,113.00 |

Recommended that CUWCD continue to focus on the established Guiding Principles of the Budgetary Development Process:

- 1) Budget represents NO New Revenue budget framework at .00352.
- 2) Budget will be balanced and/or utilize reserve funds in order to retain lower tax rates thus balance tax relief with continuing to the level of research expected by stakeholders
- 3) Budget affords district to cut taxes by using reserve funds.
- 4) Budget funds needed monetary levels necessary for joint planning in GMA8.
- 5) Budget funds needed monetary levels necessary to support TWDB GAM program.
- 6) Budget funds needed monetary levels necessary to support BCAMC.
- 7) Budget funds necessary "Legislative Services".
- 8) Budget maintain current levels of conservative expenditures and efficiency.
- 9) Budget provides revenue necessary for the GM and Staff at levels necessary to meet the District Management Plan objectives thus performance metrics.
- 10) Budget invests in enhanced knowledge of the Aquifer systems in the District.
- 11) Budget supports the need for a process that is proper in making "rule amendments" and in accordance with new legislation and scientific understanding necessary for improved well spacing and management areas/zones.

FY21 Budget Worksheet

Clearwater Underground Water Conservation
Profit & Loss Budget vs. Actual
 October 2019 through July 2020

8/5/2020

FY21 Budget - Draft #4

| | Oct '19 thru July '20 | FY20 Original Budget | FY20 Amended Budget | \$ Over Budget | FY21 Proposed Budget | Notes |
|--|-----------------------------|-------------------------|------------------------|-------------------|----------------------------|--|
| Ordinary Income/Expense | | | | | | |
| Income | | | | | | |
| 40005 · Application Fee Income | 11,400.00 | 30,000.00 | 30,000.00 | -18,600.00 | 30,000.00 | |
| 40010 · Bell CAD Current Year Tax | 701,601.58 | 734,499.00 | 734,499.00 | -32,897.42 | 754,465.00 | Drop .00357 to .00352 (includes new value) |
| 40015 · Bell CAD Delinquent Tax | 6,141.60 | 12,500.00 | 12,500.00 | -6,358.40 | 12,500.00 | |
| 40020 · Interest Income | 11,550.07 | 15,000.00 | 15,000.00 | -3,449.93 | 15,000.00 | |
| 40030 · Transport Fee Income | 1,464.77 | 1,500.00 | 1,500.00 | -35.23 | 1,500.00 | |
| Total Income | 732,158.02 | 793,499.00 | 793,499.00 | -61,340.98 | 813,465.00 | |
| Gross Profit Expense | | | | | | |
| 50000 · Administrative Expenses | | | | | | |
| 50100 · Audit | 7,200.00 | 7,200.00 | 7,200.00 | 0.00 | 7,500.00 | Year 3 |
| 50200 · Conferences & Prof Development | 2,750.00 | 4,000.00 | 4,000.00 | -1,250.00 | 4,000.00 | |
| 50250 · Contingency Fund | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 50300 · Director Expenses | | | | | | |
| 50305 · At Large | 375.00 | 1,500.00 | 1,500.00 | -1,125.00 | 1,500.00 | |
| 50310 · Pct. 1 | 500.00 | 1,500.00 | 1,500.00 | -1,000.00 | 1,500.00 | |
| 50315 · Pct. 2 | 385.00 | 1,500.00 | 1,500.00 | -1,115.00 | 1,500.00 | |
| 50320 · Pct. 3 | 385.00 | 1,500.00 | 1,500.00 | -1,115.00 | 1,500.00 | |
| 50325 · Pct. 4 | 385.00 | 1,500.00 | 1,500.00 | -1,115.00 | 1,500.00 | |
| Total 50300 · Director Expenses | 2,030.00 | 7,500.00 | 7,500.00 | -5,470.00 | 7,500.00 | |
| 50400 · Director Fees | | | | | | |
| 50405 · At Large | 1,650.00 | 2,550.00 | 2,550.00 | -900.00 | 2,550.00 | Approx 17 Mtgs |
| 50410 · Pct. 1 | 0.00 | 2,550.00 | 2,550.00 | -2,550.00 | 2,550.00 | 13 Regular |
| 50415 · Pct. 2 | 1,950.00 | 2,550.00 | 2,550.00 | -600.00 | 2,550.00 | 1 Water Symposium |
| 50420 · Pct. 3 | 1,500.00 | 2,550.00 | 2,550.00 | -1,050.00 | 2,550.00 | 3 TAGD/Water Summit |

| | Oct '19 thru July 20 | FY20 Original Budget | FY20 Amended Budget | \$ Over Budget | FY21 Proposed Budget | Notes |
|--|----------------------------|-------------------------|------------------------|-------------------|----------------------------|------------------------|
| 50425 · Pct. 4 | | | | | | |
| Total 50400 · Director Fees | 0.00 | 2,550.00 | 2,550.00 | -2,550.00 | 2,550.00 | |
| 50500 · Dues & Memberships | 5,100.00 | 12,750.00 | 12,750.00 | -7,650.00 | 12,750.00 | @ \$150/mtg |
| 50550 · Election Expense | 2,647.00 | 2,750.00 | 2,750.00 | -103.00 | 2,850.00 | 10% increase TAGD/TWCA |
| 50600 · GMA & Expenses | 0.00 | 500.00 | 500.00 | -500.00 | 5,000.00 | Election year |
| 50605 · Technical Committee | 6,578.80 | 5,000.00 | 11,250.00 | -4,671.20 | 5,000.00 | |
| 50610 · Administration | 589.21 | 5,000.00 | 5,000.00 | -4,410.79 | 5,000.00 | |
| Total 50600 · GMA & Expenses | 7,168.01 | 10,000.00 | 16,250.00 | -9,081.99 | 10,000.00 | |
| 50700 · Meals | 476.89 | 1,000.00 | 1,000.00 | -523.11 | 1,000.00 | |
| 50800 · Mileage Reimbursements | 2,072.71 | 5,000.00 | 5,000.00 | -2,927.29 | 5,000.00 | |
| 50900 · Travel & Hotel | 1,681.49 | 4,500.00 | 4,500.00 | -2,818.51 | 4,500.00 | |
| Total 50000 · Administrative Expenses | 31,126.10 | 55,200.00 | 61,450.00 | -30,323.90 | 60,100.00 | |
| 52000 · Salary Costs | | | | | | |
| 52005 · Administrative Assistant | 40,133.30 | 48,161.00 | 48,161.00 | -8,027.70 | 48,161.00 | |
| 52010 · Educational Coord/Support Tech | 34,166.70 | 41,000.00 | 41,000.00 | -6,833.30 | 41,000.00 | |
| 52015 · Manager | 68,535.80 | 82,243.00 | 82,243.00 | -13,707.20 | 82,243.00 | |
| 52020 · Part Time/Intern | 0.00 | 2,640.00 | 2,640.00 | -2,640.00 | 2,640.00 | |
| 52025 · Office Assistant/Field Tech | 33,333.30 | 40,000.00 | 40,000.00 | -6,666.70 | 40,000.00 | |
| 52040 · Health Insurance | 38,107.74 | 41,274.00 | 41,274.00 | -3,166.26 | 41,274.00 | |
| 52045 · Payroll Taxes & Work Comp | 13,843.40 | 17,500.00 | 17,500.00 | -3,656.60 | 17,500.00 | |
| 52050 · Retirement | 7,263.10 | 9,513.00 | 9,513.00 | -2,249.90 | 9,513.00 | |
| 52055 · Payroll Expenses | 77.94 | 125.00 | 125.00 | -47.06 | 125.00 | |
| 52060 · Freshbenies | 360.00 | 432.00 | 432.00 | -72.00 | 432.00 | |
| Total 52000 · Salary Costs | 235,821.28 | 282,888.00 | 282,888.00 | -47,066.72 | 282,888.00 | |
| 53000 · Operating Expenses | | | | | | |
| 53010 · Bank Service Charges | 0.00 | 50.00 | 50.00 | -50.00 | 50.00 | |
| 53020 · Advertisement | 1,087.50 | 3,500.00 | 3,500.00 | -2,412.50 | 3,500.00 | |
| 53030 · Appraisal District | 6,197.75 | 8,000.00 | 8,000.00 | -1,802.25 | 8,500.00 | Taxing Unit Fee |
| 53100 · Clearwater Studies | | | | | | |
| 53105 · Trinity Studies | | | | | | |

| | Oct '19 thru July '20 | FY20 Original Budget | FY20 Amended Budget | \$ Over Budget | FY21 Proposed Budget | Notes |
|--------------------------------------|-----------------------------|-------------------------|------------------------|-------------------|----------------------------|---------------------------|
| 53105.1 · Pumping Distribution | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53105.2 · Pumping Test | 1,360.00 | 2,000.00 | 2,000.00 | -640.00 | 0.00 | |
| 53105.3 · Synoptic | 3,052.50 | 5,600.00 | 5,600.00 | -2,547.50 | 5,120.00 | LRE (Task 2021.5) |
| 53105.4 · GAM Run | 14,925.50 | 25,000.00 | 25,000.00 | -10,074.50 | 0.00 | |
| 53105.5 · Mgmt Options | 0.00 | 0.00 | 7,200.00 | -7,200.00 | 16,400.00 | LRE (Task 2021.2) |
| 53105.6 · Water Quality Studies | 0.00 | 0.00 | 0.00 | 0.00 | 50,100.00 | USGS |
| Total 53105 · Trinity Studies | 19,338.00 | 32,600.00 | 39,800.00 | -20,462.00 | 71,620.00 | |
| 53110 · Edwards BFZ Studies | | | | | | |
| 53110.1 · Pumping Distribution | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53110.2 · Pumping Test | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53110.3 · Synoptic | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53110.4 · Spring Shed (Baylor) | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53110.5 · Water Quality Studies | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53110.6 · GAM Calibration | 7,555.00 | 18,200.00 | 11,000.00 | -3,445.00 | 45,000.00 | WSP |
| Total 53110 · Edwards BFZ Studies | 7,555.00 | 18,200.00 | 11,000.00 | -3,445.00 | 45,000.00 | |
| 53115 · Drought Contingency Plan | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53120 · Endangered Species | | | | | | |
| 53120.1 · Coalition | 0.00 | 0.00 | 0.00 | 0.00 | 15,000.00 | BCAMC (base contribution) |
| 53120.2 · Reimbursable Order | 0.00 | 0.00 | 0.00 | 0.00 | 25,000.00 | USFWS |
| 53120.3 · 4(d) rule | 0.00 | 0.00 | 0.00 | 0.00 | 40,000.00 | BCAMC |
| 53120.4 · DPS Petition | 0.00 | 0.00 | 0.00 | 0.00 | 40,000.00 | BCAMC |
| 53120 · Endangered Species - Other | 30,000.00 | 15,000.00 | 35,000.00 | -5,000.00 | 0.00 | |
| Total 53120 · Endangered Species | 30,000.00 | 15,000.00 | 35,000.00 | -5,000.00 | 120,000.00 | |
| 53125 · Environmental Flows | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53130 · General Consulting | | | | | | |
| 53130.1 · DFC Process | 9,018.75 | 10,000.00 | 10,000.00 | -981.25 | 10,000.00 | |
| 53130.2 · Eval of Rules | 1,440.00 | 5,000.00 | 5,000.00 | -3,560.00 | 5,000.00 | |
| 53130.3 · Eval. Hydrogeologic Report | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53130.4 · Investigations | 4,285.00 | 7,000.00 | 7,000.00 | -2,715.00 | 7,000.00 | |
| 53130.5 · Geo Logging | 0.00 | 10,000.00 | 3,750.00 | -3,750.00 | 5,000.00 | |

| | Oct '19 thru July '20 | FY20 Original Budget | FY20 Amended Budget | \$ Over Budget | FY21 Proposed Budget | Notes |
|--|-----------------------------|-------------------------|------------------------|--------------------|----------------------------|---------------------------------|
| 53130.6 - Aquifer Monitor Well Tool | 3,368.75 | 7,000.00 | 7,000.00 | -3,631.25 | 10,240.00 | LRE - add Edwards (Task 2021.4) |
| 53130.7 - ASR Study | 27,000.00 | 27,000.00 | 27,000.00 | 0.00 | 20,000.00 | ASR Coalition |
| 53130.8 - Data Release | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total 53130 - General Consulting | 45,112.50 | 66,000.00 | 59,750.00 | -14,637.50 | 57,240.00 | |
| 53135 - Monitor Well Construction | 0.00 | 70,000.00 | 31,355.95 | -31,355.95 | 45,000.00 | |
| 53140 - Monitor Wells Expenses | 1,154.95 | 15,000.00 | 15,000.00 | -13,845.05 | 15,000.00 | |
| 53141 - Weather Station Expense | 0.00 | 0.00 | 0.00 | 0.00 | 2,000.00 | |
| 53145 - Spring Flow Gauge | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 53150 - Water Quality | 1,206.63 | 2,500.00 | 2,500.00 | -1,293.37 | 2,500.00 | |
| 53155 - 3-D Visualization | 11,000.00 | 28,000.00 | 28,000.00 | -17,000.00 | 5,000.00 | |
| Total 53100 - Clearwater Studies | 115,367.08 | 247,300.00 | 222,405.95 | -107,038.87 | 363,360.00 | |
| 53200 - Spring Flow Gage System | | | | | | |
| 53205 - Op. & Maintenance | 0.00 | 15,900.00 | 15,900.00 | -15,900.00 | 15,900.00 | USGS |
| 53210 - Installation | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total 53200 - Spring Flow Gage System | 0.00 | 15,900.00 | 15,900.00 | -15,900.00 | 15,900.00 | |
| 53300 - Computer Consulting | | | | | | |
| 53305 - Enhancements - Data Base | 2,365.88 | 7,500.00 | 7,500.00 | -5,134.12 | 36,500.00 | HALFF |
| 53306 - Hosting - Data Base | 3,000.00 | 3,000.00 | 3,000.00 | 0.00 | 3,000.00 | HALFF |
| 53310 - Hosting - PDI | 1,000.00 | 1,000.00 | 1,000.00 | 0.00 | 1,000.00 | HALFF |
| 53311 - Hosting - Website | 0.00 | 1,800.00 | 1,800.00 | -1,800.00 | 1,800.00 | Engineer Austin |
| 53312 - Enhancements - Website | 4,125.00 | 17,500.00 | 17,500.00 | -13,375.00 | 0.00 | Engineer Austin |
| 53315 - IT Network Sustainment | 4,950.00 | 5,400.00 | 5,400.00 | -450.00 | 5,400.00 | Engineer Austin |
| 53317 - Management Tool Sustainment | 0.00 | 0.00 | 0.00 | 0.00 | 1,640.00 | LRE (Task 2021.6) |
| Total 53300 - Computer Consulting | 15,440.88 | 36,200.00 | 36,200.00 | -20,759.12 | 49,340.00 | |
| 53400 - Computer Licenses/Virus Prtctn | 1,185.00 | 1,500.00 | 1,500.00 | -315.00 | 1,500.00 | |
| 53450 - Computer Repairs and Supplies | 369.06 | 1,500.00 | 1,500.00 | -1,130.94 | 1,500.00 | |
| 53500 - Computer Software & Hardware | 3,643.42 | 5,500.00 | 5,500.00 | -1,856.58 | 4,000.00 | |
| 53550 - Copier/Scanner/Plotter | 4,865.60 | 6,000.00 | 6,000.00 | -1,134.40 | 6,000.00 | Xerox - lease |
| 53600 - Educational Outreach/Marketing | | | | | | |
| 53603 - Event Sponsor/Income | -2,250.00 | 0.00 | 0.00 | -2,250.00 | 0.00 | Symposium Sponsors - TBD |
| 53605 - Event Cost | 11,403.91 | 12,000.00 | 12,000.00 | -596.09 | 10,000.00 | |
| 53615 - Promotional Items | 158.50 | 5,000.00 | 5,000.00 | -4,841.50 | 5,000.00 | |

| | Oct '19 thru July '20 | FY20 Original Budget | FY20 Amended Budget | \$ Over Budget | FY21 Proposed Budget | Notes |
|--|-----------------------------|-------------------------|------------------------|-------------------|----------------------------|------------------------------|
| 53620 · Supplies & Equipment | 506.05 | 4,500.00 | 4,500.00 | -3,993.95 | 4,500.00 | |
| 53625 · Curriculum | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| Total 53600 · Educational Outreach/Marketing | 9,818.46 | 21,500.00 | 21,500.00 | -11,681.54 | 19,500.00 | |
| 53650 · Furniture & Equipment | 0.00 | 1,500.00 | 1,500.00 | -1,500.00 | 1,500.00 | |
| 53700 · Legal | | | | | | |
| 53701 · Drought Contingency Plan | 0.00 | 5,000.00 | 2,692.58 | -2,692.58 | 0.00 | Lloyd Gosselink |
| 53702 · Endangered Species | 5,996.00 | 3,000.00 | 10,500.00 | -4,504.00 | 15,000.00 | |
| 53703 · General (rules/accountability) | 11,372.05 | 10,000.00 | 21,144.05 | -9,772.00 | 15,000.00 | |
| 53704 · Legislative Research/Analysis | 5,374.00 | 10,000.00 | 10,000.00 | -4,626.00 | 2,500.00 | |
| 53705 · Legislative Services | 0.00 | 0.00 | 0.00 | 0.00 | 35,000.00 | Ty Embrey - Legislative year |
| 53706 · GMA/DFC/MAG support | 12,307.42 | 10,000.00 | 12,307.42 | 0.00 | 10,000.00 | |
| Total 53700 · Legal | 35,049.47 | 38,000.00 | 56,644.05 | -21,594.58 | 77,500.00 | |
| 53720 · Office Supplies | 2,671.03 | 3,000.00 | 3,000.00 | -328.97 | 3,000.00 | |
| 53730 · Permit Reviews | | | | | | |
| 53731 · Geoscience | 6,648.75 | 15,000.00 | 12,967.95 | -6,319.20 | 15,000.00 | |
| 53732 · Legal Evaluation | 17,032.00 | 15,000.00 | 17,032.05 | -0.05 | 15,000.00 | |
| Total 53730 · Permit Reviews | 23,680.75 | 30,000.00 | 30,000.00 | -6,319.25 | 30,000.00 | |
| 53740 · Postage | 1,262.02 | 2,500.00 | 2,500.00 | -1,237.98 | 2,500.00 | |
| 53750 · Printing | 1,296.97 | 2,500.00 | 2,500.00 | -1,203.03 | 2,500.00 | |
| 53760 · Reserve for Uncollected Taxes | 0.00 | 20,000.00 | 20,000.00 | -20,000.00 | 20,000.00 | |
| 53780 · Subscriptions | 439.88 | 900.00 | 900.00 | -460.12 | 900.00 | |
| 53785 · Mobile Classroom Expense | 0.00 | 2,000.00 | 2,000.00 | -2,000.00 | 2,000.00 | |
| 53790 · Vehicle Expense | 2,784.21 | 4,000.00 | 4,000.00 | -1,215.79 | 4,000.00 | |
| Total 53000 · Operating Expenses | 225,159.08 | 451,350.00 | 445,100.00 | -219,940.92 | 617,050.00 | |
| 54000 · Facility Costs | | | | | | |
| 54100 · Insurance | | | | | | |
| 54101 · Liability | 1,115.24 | 1,300.00 | 1,118.70 | -3.46 | 1,300.00 | TML |
| 54102 · Property | 1,699.32 | 1,650.00 | 1,699.32 | 0.00 | 1,800.00 | |
| 54103 · Surety Bonds | 720.00 | 1,200.00 | 1,200.00 | -480.00 | 1,200.00 | |

| | Oct '19 thru July '20 | FY20 Original Budget | FY20 Amended Budget | \$ Over Budget | FY21 Proposed Budget | Notes |
|--|-----------------------------|-------------------------|------------------------|--------------------|----------------------------|-------|
| 54104 · Worker's Comp | 994.98 | 800.00 | 994.98 | 0.00 | 1,100.00 | |
| 54105 · Liability - Vehicle | 904.54 | 1,250.00 | 1,187.00 | -282.46 | 1,250.00 | |
| Total 54100 · Insurance | 5,434.08 | 6,200.00 | 6,200.00 | -765.92 | 6,650.00 | |
| 54200 · Building Repairs/Maintenance | 2,726.39 | 8,550.00 | 8,550.00 | -5,823.61 | 5,000.00 | |
| 54300 · Janitorial Service | 3,000.00 | 3,600.00 | 3,600.00 | -600.00 | 3,600.00 | |
| 54400 · Janitorial Supplies | 744.48 | 750.00 | 750.00 | -5.52 | 750.00 | |
| 54500 · Lawn Maintenance/Service | 1,850.00 | 2,500.00 | 2,500.00 | -650.00 | 2,500.00 | |
| 54600 · Security | 329.45 | 375.00 | 375.00 | -45.55 | 375.00 | |
| Total 54000 · Facility Costs | 14,084.40 | 21,975.00 | 21,975.00 | -7,890.60 | 18,875.00 | |
| 55000 · Utilities | | | | | | |
| 55200 · Electricity | 1,694.85 | 2,500.00 | 2,500.00 | -805.15 | 2,500.00 | |
| 55300 · Internet | 1,349.91 | 2,000.00 | 2,000.00 | -650.09 | 2,000.00 | |
| 55400 · Phone | 1,506.84 | 2,400.00 | 2,400.00 | -893.16 | 2,400.00 | |
| 55500 · Water/Garbage | 1,939.30 | 2,300.00 | 2,300.00 | -360.70 | 2,300.00 | |
| Total 55000 · Utilities | 6,490.90 | 9,200.00 | 9,200.00 | -2,709.10 | 9,200.00 | |
| Total Expense | 512,681.76 | 820,613.00 | 820,613.00 | -307,931.24 | 988,113.00 | |
| Net Ordinary Income | 219,476.26 | -27,114.00 | -27,114.00 | 246,590.26 | -174,648.00 | |
| Other Income/Expense | | | | | | |
| Other Income | | | | | | |
| 61050 · Reserve Funds from Prior Years | 0.00 | 27,114.00 | 27,114.00 | -27,114.00 | 174,648.00 | |
| Total Other Income | 0.00 | 27,114.00 | 27,114.00 | -27,114.00 | 174,648.00 | |
| Net Other Income | 0.00 | 27,114.00 | 27,114.00 | -27,114.00 | 174,648.00 | |
| Net Income | 219,476.26 | 0.00 | 0.00 | 219,476.26 | 0.00 | |

**Tax Year 2020
Certified Totals**

2020 CERTIFIED TOTALS

WCLW - CLEARWATER U.W.C.D.
ARB Approved Totals

Property Count: 169,260

7/20/2020 12:58:11PM

| Land | | Value | | |
|----------------------------|---------------|----------------|---------------------------------|--|
| Homesite: | | 2,784,703,875 | | |
| Non Homesite: | | 2,346,509,208 | | |
| Ag Market: | | 2,054,963,050 | | |
| Timber Market: | | 1,194,706 | Total Land | (+) 7,187,370,839 |
| Improvement | | Value | | |
| Homesite: | | 13,512,217,599 | | |
| Non Homesite: | | 5,506,018,001 | Total Improvements | (+) 19,018,235,600 |
| Non Real | | Count | Value | |
| Personal Property: | 10,857 | | 2,389,301,305 | |
| Mineral Property: | 0 | | 0 | |
| Autos: | 4,241 | | 52,463,179 | |
| | | | Total Non Real | (+) 2,441,764,484 |
| | | | Market Value | = 28,647,370,923 |
| Ag | | Non Exempt | Exempt | |
| Total Productivity Market: | 2,055,615,678 | | 542,078 | |
| Ag Use: | 57,668,883 | | 14,805 | Productivity Loss (-) 1,997,921,880 |
| Timber Use: | 24,915 | | 0 | Appraised Value = 26,649,449,043 |
| Productivity Loss: | 1,997,921,880 | | 527,273 | |
| | | | Homestead Cap | (-) 428,929,136 |
| | | | Assessed Value | = 26,220,519,907 |
| | | | Total Exemptions Amount | (-) 4,786,862,563 |
| | | | (Breakdown on Next Page) | |
| | | | Net Taxable | = 21,433,657,344 |

APPROXIMATE TOTAL LEVY = NET TAXABLE * (TAX RATE / 100)
 765,181.57 = 21,433,657,344 * (0.003570 / 100)

Tax Increment Finance Value: 0
 Tax Increment Finance Levy: 0.00

2020 CERTIFIED TOTALS

Property Count: 169,260

WCLW - CLEARWATER U.W.C.D.
ARB Approved Totals

7/20/2020

12:58:23PM

Exemption Breakdown

| Exemption | Count | Local | State | Total |
|------------------|--------------|--------------------|----------------------|----------------------|
| AB | 1 | 6,540,571 | 0 | 6,540,571 |
| CH | 125 | 56,205,200 | 0 | 56,205,200 |
| DV1 | 1,857 | 0 | 14,750,341 | 14,750,341 |
| DV1S | 271 | 0 | 1,226,309 | 1,226,309 |
| DV2 | 1,626 | 0 | 13,795,999 | 13,795,999 |
| DV2S | 144 | 0 | 970,643 | 970,643 |
| DV3 | 2,581 | 0 | 24,041,016 | 24,041,016 |
| DV3S | 173 | 0 | 1,442,356 | 1,442,356 |
| DV4 | 8,978 | 0 | 67,887,652 | 67,887,652 |
| DV4S | 881 | 0 | 5,859,315 | 5,859,315 |
| DVCH | 1 | 0 | 140,092 | 140,092 |
| DVHS | 9,222 | 0 | 1,878,455,939 | 1,878,455,939 |
| DVHSS | 641 | 0 | 88,424,269 | 88,424,269 |
| EX | 2 | 0 | 109,478 | 109,478 |
| EX-XD | 1 | 0 | 131,612 | 131,612 |
| EX-XG | 17 | 0 | 2,920,112 | 2,920,112 |
| EX-XI | 46 | 0 | 30,230,880 | 30,230,880 |
| EX-XJ | 107 | 0 | 109,146,814 | 109,146,814 |
| EX-XL | 75 | 0 | 20,163,501 | 20,163,501 |
| EX-XR | 163 | 0 | 49,704,224 | 49,704,224 |
| EX-XU | 2 | 0 | 187,405 | 187,405 |
| EX-XV | 8,913 | 0 | 2,148,813,605 | 2,148,813,605 |
| EX-XV (Prorated) | 19 | 0 | 301,419 | 301,419 |
| EX366 | 168 | 0 | 41,421 | 41,421 |
| FR | 26 | 62,711,011 | 0 | 62,711,011 |
| FRSS | 2 | 0 | 412,277 | 412,277 |
| LIH | 2 | 0 | 6,220,100 | 6,220,100 |
| MASSS | 37 | 0 | 8,273,620 | 8,273,620 |
| OV65 | 19,749 | 86,958,029 | 0 | 86,958,029 |
| OV65S | 1,223 | 4,685,803 | 0 | 4,685,803 |
| PC | 58 | 95,903,792 | 0 | 95,903,792 |
| SO | 6 | 207,758 | 0 | 207,758 |
| Totals | | 313,212,164 | 4,473,650,399 | 4,786,862,563 |

2020 CERTIFIED TOTALS

WCLW - CLEARWATER U.W.C.D.

Property Count: 3,785

Under ARB Review Totals

7/20/2020

12:58:11PM

| Land | | Value | | |
|----------------------------|------------|-------------|---------------------------|---|
| Homesite: | | 53,500,228 | | |
| Non Homesite: | | 299,582,828 | | |
| Ag Market: | | 42,084,512 | | |
| Timber Market: | | 0 | Total Land | (+) 395,167,568 |
| Improvement | | Value | | |
| Homesite: | | 181,223,306 | | |
| Non Homesite: | | 876,496,962 | Total Improvements | (+) 1,057,720,268 |
| Non Real | | Count | Value | |
| Personal Property: | 29 | | 36,266,880 | |
| Mineral Property: | 0 | | 0 | |
| Autos: | 84 | | 1,992,525 | |
| | | | Total Non Real | (+) 38,259,405 |
| | | | Market Value | = 1,491,147,241 |
| Ag | | Non Exempt | Exempt | |
| Total Productivity Market: | 42,084,512 | | 0 | |
| Ag Use: | 973,015 | | 0 | Productivity Loss (-) 41,111,497 |
| Timber Use: | 0 | | 0 | Appraised Value = 1,450,035,744 |
| Productivity Loss: | 41,111,497 | | 0 | Homestead Cap (-) 8,802,428 |
| | | | | Assessed Value = 1,441,233,316 |
| | | | | Total Exemptions Amount (-) 14,957,989 (Breakdown on Next Page) |
| | | | | Net Taxable = 1,426,275,327 |

APPROXIMATE TOTAL LEVY = NET TAXABLE * (TAX RATE / 100)

50,918.03 = 1,426,275,327 * (0.003570 / 100)

Tax Increment Finance Value: 0

Tax Increment Finance Levy: 0.00

2020 CERTIFIED TOTALS

Property Count: 3,785

WCLW - CLEARWATER U.W.C.D.
Under ARB Review Totals

7/20/2020

12:58:23PM

Exemption Breakdown

| Exemption | Count | Local | State | Total |
|------------------|--------------|-------------------|------------------|-------------------|
| CH | 1 | 591,432 | 0 | 591,432 |
| CHODO | 1 | 9,144,424 | 0 | 9,144,424 |
| DV1 | 6 | 0 | 51,000 | 51,000 |
| DV2 | 3 | 0 | 22,500 | 22,500 |
| DV2S | 1 | 0 | 7,500 | 7,500 |
| DV3 | 13 | 0 | 136,015 | 136,015 |
| DV4 | 44 | 0 | 467,264 | 467,264 |
| DV4S | 6 | 0 | 60,000 | 60,000 |
| DVHS | 21 | 0 | 3,644,097 | 3,644,097 |
| DVHSS | 2 | 0 | 245,237 | 245,237 |
| EX-XV | 1 | 0 | 1,000 | 1,000 |
| OV65 | 116 | 547,520 | 0 | 547,520 |
| OV65S | 9 | 40,000 | 0 | 40,000 |
| Totals | | 10,323,376 | 4,634,613 | 14,957,989 |

2020 CERTIFIED TOTALS

Property Count: 173,045

WCLW - CLEARWATER U.W.C.D.

Grand Totals

7/20/2020

12:58:11PM

| Land | | Value | | | |
|----------------------------|-------------------|----------------|---------------------------|---------------------------------|-------------------|
| Homesite: | | 2,838,204,103 | | | |
| Non Homesite: | | 2,646,092,036 | | | |
| Ag Market: | | 2,097,047,562 | | | |
| Timber Market: | | 1,194,706 | Total Land | (+) 7,582,538,407 | |
| Improvement | | Value | | | |
| Homesite: | | 13,693,440,905 | | | |
| Non Homesite: | | 6,382,514,963 | Total Improvements | (+) 20,075,955,868 | |
| Non Real | | Count | Value | | |
| Personal Property: | 10,886 | | 2,425,568,185 | | |
| Mineral Property: | 0 | | 0 | | |
| Autos: | 4,325 | | 54,455,704 | Total Non Real | (+) 2,480,023,889 |
| | | | | Market Value | = 30,138,518,164 |
| Ag | Non Exempt | Exempt | | | |
| Total Productivity Market: | 2,097,700,190 | | 542,078 | | |
| Ag Use: | 58,641,898 | | 14,805 | Productivity Loss | (-) 2,039,033,377 |
| Timber Use: | 24,915 | | 0 | Appraised Value | = 28,099,484,787 |
| Productivity Loss: | 2,039,033,377 | | 527,273 | Homestead Cap | (-) 437,731,564 |
| | | | | Assessed Value | = 27,661,753,223 |
| | | | | Total Exemptions Amount | (-) 4,801,820,552 |
| | | | | (Breakdown on Next Page) | |
| | | | | Net Taxable | = 22,859,932,671 |

APPROXIMATE TOTAL LEVY = NET TAXABLE * (TAX RATE / 100)
816,099.60 = 22,859,932,671 * (0.003570 / 100)

Tax Increment Finance Value: 0
Tax Increment Finance Levy: 0.00

2020 CERTIFIED TOTALS

Property Count: 173,045

WCLW - CLEARWATER U.W.C.D.

Grand Totals

7/20/2020

12:58:23PM

Exemption Breakdown

| Exemption | Count | Local | State | Total |
|------------------|--------|--------------------|----------------------|----------------------|
| AB | 1 | 6,540,571 | 0 | 6,540,571 |
| CH | 126 | 56,796,632 | 0 | 56,796,632 |
| CHODO | 1 | 9,144,424 | 0 | 9,144,424 |
| DV1 | 1,863 | 0 | 14,801,341 | 14,801,341 |
| DV1S | 271 | 0 | 1,226,309 | 1,226,309 |
| DV2 | 1,629 | 0 | 13,818,499 | 13,818,499 |
| DV2S | 145 | 0 | 978,143 | 978,143 |
| DV3 | 2,594 | 0 | 24,177,031 | 24,177,031 |
| DV3S | 173 | 0 | 1,442,356 | 1,442,356 |
| DV4 | 9,022 | 0 | 68,354,916 | 68,354,916 |
| DV4S | 887 | 0 | 5,919,315 | 5,919,315 |
| DVCH | 1 | 0 | 140,092 | 140,092 |
| DVHS | 9,243 | 0 | 1,882,100,036 | 1,882,100,036 |
| DVHSS | 643 | 0 | 88,669,506 | 88,669,506 |
| EX | 2 | 0 | 109,478 | 109,478 |
| EX-XD | 1 | 0 | 131,612 | 131,612 |
| EX-XG | 17 | 0 | 2,920,112 | 2,920,112 |
| EX-XI | 46 | 0 | 30,230,880 | 30,230,880 |
| EX-XJ | 107 | 0 | 109,146,814 | 109,146,814 |
| EX-XL | 75 | 0 | 20,163,501 | 20,163,501 |
| EX-XR | 163 | 0 | 49,704,224 | 49,704,224 |
| EX-XU | 2 | 0 | 187,405 | 187,405 |
| EX-XV | 8,914 | 0 | 2,148,814,605 | 2,148,814,605 |
| EX-XV (Prorated) | 19 | 0 | 301,419 | 301,419 |
| EX366 | 168 | 0 | 41,421 | 41,421 |
| FR | 26 | 62,711,011 | 0 | 62,711,011 |
| FRSS | 2 | 0 | 412,277 | 412,277 |
| LIH | 2 | 0 | 6,220,100 | 6,220,100 |
| MASSS | 37 | 0 | 8,273,620 | 8,273,620 |
| OV65 | 19,865 | 87,505,549 | 0 | 87,505,549 |
| OV65S | 1,232 | 4,725,803 | 0 | 4,725,803 |
| PC | 58 | 95,903,792 | 0 | 95,903,792 |
| SO | 6 | 207,758 | 0 | 207,758 |
| Totals | | 323,535,540 | 4,478,285,012 | 4,801,820,552 |

2020 CERTIFIED TOTALS

Property Count: 169,260

WCLW - CLEARWATER U.W.C.D.
ARB Approved Totals

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State Category Breakdown

| State Code | Description | Count | Acres | New Value | Market Value | Taxable Value |
|------------|-------------------------------|---------------------|--------------|----------------------|-------------------------|-------------------------|
| A | SINGLE FAMILY RESIDENCE | 96,241 | | \$453,122,064 | \$15,347,632,324 | \$12,869,387,389 |
| B | MULTIFAMILY RESIDENCE | 6,012 | | \$44,375,578 | \$1,577,710,464 | \$1,568,709,451 |
| C1 | VACANT LOTS AND LAND TRACTS | 15,612 | | \$30,182 | \$407,413,366 | \$405,783,711 |
| D1 | QUALIFIED AG LAND | 9,418 | 414,082.4137 | \$0 | \$2,055,612,678 | \$57,056,504 |
| D2 | IMPROVEMENTS ON QUALIFIED OP | 1,365 | | \$1,878,381 | \$18,302,783 | \$18,117,322 |
| E | FARM OR RANCH IMPROVEMENT | 7,575 | 46,968.5366 | \$25,851,854 | \$1,341,333,074 | \$1,214,087,457 |
| F1 | COMMERCIAL REAL PROPERTY | 4,588 | | \$33,411,131 | \$1,927,236,962 | \$1,926,517,010 |
| F2 | INDUSTRIAL REAL PROPERTY | 196 | | \$30,009,814 | \$812,328,889 | \$722,108,143 |
| J1 | WATER SYSTEMS | 7 | | \$0 | \$352,570 | \$352,570 |
| J2 | GAS DISTRIBUTION SYSTEM | 22 | | \$0 | \$32,702,901 | \$32,702,901 |
| J3 | ELECTRIC COMPANY (INCLUDING C | 117 | | \$0 | \$348,106,230 | \$348,106,230 |
| J4 | TELEPHONE COMPANY (INCLUDI | 51 | | \$0 | \$39,029,064 | \$39,029,064 |
| J5 | RAILROAD | 44 | | \$0 | \$113,419,408 | \$113,419,408 |
| J6 | PIPELAND COMPANY | 204 | | \$0 | \$25,800,763 | \$22,479,783 |
| J7 | CABLE TELEVISION COMPANY | 23 | | \$0 | \$33,009,890 | \$33,009,890 |
| L1 | COMMERCIAL PERSONAL PROPE | 13,428 | | \$2,369,761 | \$915,957,875 | \$912,676,119 |
| L2 | INDUSTRIAL PERSONAL PROPERT | 700 | | \$0 | \$805,989,061 | \$737,584,131 |
| M1 | TANGIBLE OTHER PERSONAL, MOB | 4,983 | | \$2,116,518 | \$41,128,780 | \$38,182,843 |
| O | RESIDENTIAL INVENTORY | 4,871 | | \$112,102,879 | \$278,975,390 | \$273,194,737 |
| S | SPECIAL INVENTORY TAX | 188 | | \$0 | \$101,152,680 | \$101,152,680 |
| X | TOTALLY EXEMPT PROPERTY | 9,640 | | \$13,425,928 | \$2,424,175,771 | \$0 |
| | Totals | 461,050.9503 | | \$718,694,090 | \$28,647,370,923 | \$21,433,657,343 |

2020 CERTIFIED TOTALS

Property Count: 3,785

WCLW - CLEARWATER U.W.C.D.
Under ARB Review Totals

7/20/2020 12:58:23PM

State Category Breakdown

| State Code | Description | Count | Acres | New Value | Market Value | Taxable Value |
|------------|------------------------------|-------------|------------|--------------|-----------------|-----------------|
| A | SINGLE FAMILY RESIDENCE | 940 | | \$12,152,495 | \$172,863,126 | \$161,260,882 |
| B | MULTIFAMILY RESIDENCE | 274 | | \$5,587,228 | \$296,479,510 | \$296,406,664 |
| C1 | VACANT LOTS AND LAND TRACTS | 598 | | \$0 | \$59,182,770 | \$59,149,076 |
| D1 | QUALIFIED AG LAND | 132 | 8,693.0230 | \$0 | \$42,084,512 | \$960,005 |
| D2 | IMPROVEMENTS ON QUALIFIED OP | 30 | | \$27,986 | \$2,022,974 | \$2,022,974 |
| E | FARM OR RANCH IMPROVEMENT | 228 | 3,906.2880 | \$4,137,149 | \$64,146,516 | \$62,335,292 |
| F1 | COMMERCIAL REAL PROPERTY | 760 | | \$6,357,908 | \$750,086,367 | \$750,046,028 |
| F2 | INDUSTRIAL REAL PROPERTY | 13 | | \$0 | \$5,001,037 | \$5,001,037 |
| J6 | PELAND COMPANY | 1 | | \$0 | \$49,874 | \$49,874 |
| L1 | COMMERCIAL PERSONAL PROPE | 107 | | \$0 | \$7,820,669 | \$7,820,669 |
| L2 | INDUSTRIAL PERSONAL PROPERT | 6 | | \$0 | \$30,438,736 | \$30,438,736 |
| M1 | TANGIBLE OTHER PERSONAL, MOB | 12 | | \$45,247 | \$132,024 | \$82,115 |
| O | RESIDENTIAL INVENTORY | 835 | | \$11,165,657 | \$51,102,270 | \$50,701,975 |
| X | TOTALLY EXEMPT PROPERTY | 3 | | \$0 | \$9,736,856 | \$0 |
| | Totals | 12,599.3110 | | \$39,473,670 | \$1,491,147,241 | \$1,426,275,327 |

2020 CERTIFIED TOTALS

Property Count: 173,045

WCLW - CLEARWATER U.W.C.D.

Grand Totals

7/20/2020 12:58:23PM

State Category Breakdown

| State Code | Description | Count | Acres | New Value | Market Value | Taxable Value |
|------------|-------------------------------|---------------------|--------------|----------------------|-------------------------|-------------------------|
| A | SINGLE FAMILY RESIDENCE | 97,181 | | \$465,274,559 | \$15,520,495,450 | \$13,030,648,271 |
| B | MULTIFAMILY RESIDENCE | 6,286 | | \$49,962,806 | \$1,874,189,974 | \$1,865,116,115 |
| C1 | VACANT LOTS AND LAND TRACTS | 16,210 | | \$30,182 | \$466,596,136 | \$464,932,787 |
| D1 | QUALIFIED AG LAND | 9,550 | 422,775.4367 | \$0 | \$2,097,697,190 | \$58,016,509 |
| D2 | IMPROVEMENTS ON QUALIFIED OP | 1,395 | | \$1,906,367 | \$20,325,757 | \$20,140,296 |
| E | FARM OR RANCH IMPROVEMENT | 7,803 | 50,874.8246 | \$29,989,003 | \$1,405,479,590 | \$1,276,422,749 |
| F1 | COMMERCIAL REAL PROPERTY | 5,348 | | \$39,769,039 | \$2,677,323,329 | \$2,676,563,038 |
| F2 | INDUSTRIAL REAL PROPERTY | 209 | | \$30,009,814 | \$817,329,926 | \$727,109,180 |
| J1 | WATER SYSTEMS | 7 | | \$0 | \$352,570 | \$352,570 |
| J2 | GAS DISTRIBUTION SYSTEM | 22 | | \$0 | \$32,702,901 | \$32,702,901 |
| J3 | ELECTRIC COMPANY (INCLUDING C | 117 | | \$0 | \$348,106,230 | \$348,106,230 |
| J4 | TELEPHONE COMPANY (INCLUDI | 51 | | \$0 | \$39,029,064 | \$39,029,064 |
| J5 | RAILROAD | 44 | | \$0 | \$113,419,408 | \$113,419,408 |
| J6 | PIPELAND COMPANY | 205 | | \$0 | \$25,850,637 | \$22,529,657 |
| J7 | CABLE TELEVISION COMPANY | 23 | | \$0 | \$33,009,890 | \$33,009,890 |
| L1 | COMMERCIAL PERSONAL PROPE | 13,535 | | \$2,369,761 | \$923,778,544 | \$920,496,788 |
| L2 | INDUSTRIAL PERSONAL PROPERT | 706 | | \$0 | \$836,427,797 | \$768,022,867 |
| M1 | TANGIBLE OTHER PERSONAL, MOB | 4,995 | | \$2,161,765 | \$41,260,804 | \$38,264,958 |
| O | RESIDENTIAL INVENTORY | 5,706 | | \$123,268,536 | \$330,077,660 | \$323,896,712 |
| S | SPECIAL INVENTORY TAX | 188 | | \$0 | \$101,152,680 | \$101,152,680 |
| X | TOTALLY EXEMPT PROPERTY | 9,643 | | \$13,425,928 | \$2,433,912,627 | \$0 |
| | Totals | 473,650.2613 | | \$758,167,760 | \$30,138,518,164 | \$22,859,932,670 |

2020 CERTIFIED TOTALS

Property Count: 173,045

WCLW - CLEARWATER U.W.C.D.
Effective Rate Assumption

7/20/2020 12:58:23PM

New Value

| | |
|---------------------------------|----------------------|
| TOTAL NEW VALUE MARKET: | \$758,167,760 |
| TOTAL NEW VALUE TAXABLE: | \$628,768,407 |

New Exemptions

| Exemption | Description | Count | | |
|---------------------------------------|--|-------|-------------------|---------------------|
| EX-XJ | 11.21 Private schools | 3 | 2019 Market Value | \$68,875 |
| EX-XL | 11.231 Organizations Providing Economic Deve | 4 | 2019 Market Value | \$0 |
| EX-XV | Other Exemptions (including public property, r | 129 | 2019 Market Value | \$15,636,750 |
| EX366 | HOUSE BILL 366 | 37 | 2019 Market Value | \$36,304 |
| ABSOLUTE EXEMPTIONS VALUE LOSS | | | | \$15,741,929 |

| Exemption | Description | Count | Exemption Amount |
|--------------------------------------|--|-------|----------------------|
| DV1 | Disabled Veterans 10% - 29% | 75 | \$550,000 |
| DV1S | Disabled Veterans Surviving Spouse 10% - 29% | 5 | \$25,000 |
| DV2 | Disabled Veterans 30% - 49% | 125 | \$1,059,879 |
| DV2S | Disabled Veterans Surviving Spouse 30% - 49% | 6 | \$37,500 |
| DV3 | Disabled Veterans 50% - 69% | 233 | \$2,394,000 |
| DV3S | Disabled Veterans Surviving Spouse 50% - 69% | 10 | \$90,000 |
| DV4 | Disabled Veterans 70% - 100% | 825 | \$8,684,074 |
| DV4S | Disabled Veterans Surviving Spouse 70% - 100 | 64 | \$494,869 |
| DVHS | Disabled Veteran Homestead | 468 | \$89,906,644 |
| DVHSS | Disabled Veteran Homestead Surviving Spouse | 9 | \$1,350,295 |
| OV65 | OVER 65 | 1,429 | \$6,399,022 |
| OV65S | OVER 65 Surviving Spouse | 19 | \$75,000 |
| PARTIAL EXEMPTIONS VALUE LOSS | | | 3,268 |
| NEW EXEMPTIONS VALUE LOSS | | | \$111,066,283 |
| | | | \$126,808,212 |

Increased Exemptions

| Exemption | Description | Count | Increased Exemption_Amount |
|--|-------------|-------|----------------------------|
| INCREASED EXEMPTIONS VALUE LOSS | | | |
| TOTAL EXEMPTIONS VALUE LOSS | | | \$126,808,212 |

New Ag / Timber Exemptions

| | | |
|-----------------------------------|------------------|----------|
| 2019 Market Value | \$518,642 | Count: 7 |
| 2020 Ag/Timber Use | \$7,099 | |
| NEW AG / TIMBER VALUE LOSS | \$511,543 | |

New Annexations**New Deannexations**

2020 CERTIFIED TOTALS

WCLW - CLEARWATER U.W.C.D.

Average Homestead Value

Category A and E

| Count of HS Residences | Average Market | Average HS Exemption | Average Taxable |
|------------------------|----------------|----------------------|-----------------|
| 62,483 | \$181,966 | \$6,958 | \$175,008 |

Category A Only

| Count of HS Residences | Average Market | Average HS Exemption | Average Taxable |
|------------------------|----------------|----------------------|-----------------|
| 58,853 | \$179,688 | \$6,146 | \$173,542 |

Lower Value Used

| Count of Protested Properties | Total Market Value | Total Value Used |
|-------------------------------|--------------------|------------------|
| 3,785 | \$1,491,147,241.00 | \$1,061,707,824 |

2020 Tax Rate TNT
Worksheet for Low Tax

**2020 Water District Voter-Approval Tax Rate Worksheet
for Low Tax Rate and Developing Districts
CLEARWATER U.W.C.D.**

Voter-Approval Tax Rate

The voter-approval rate for low tax rate and developing water districts is the current year's debt service and contract tax rates plus the maintenance and operation (M&O) rate that would impose no more than 1.08 times the amount of M&O tax imposed by the water district in the preceding year on the average appraised value of a residence homestead in the water district. The average appraised value disregards any homestead exemption available only to people with disabilities or those age 65 or older.

The calculation process starts after the chief appraiser delivers to the taxing unit the certified appraisal roll or certified estimate of value and the estimated values of properties under protest. The designated officer or employee shall certify that the officer or employee has accurately calculated the tax rates and used values shown for the certified appraisal roll or certified estimate. The officer or employee submits the rates to the governing body by Aug. 7 or as soon thereafter as practicable.

If any part of a developed water district is located in an area declared a disaster area during the current tax year by the governor or by the president, the board of the district may calculate the voter-approval tax rate in the manner provided in Water Code Section 49.23601(a) and determine whether an election is required to approve the adopted tax rate in the manner provided in Water Code Section 49.23601(c). In such cases, the developed water district may use this form to calculate its voter-approval tax rate.

Indicate type of water district:

Low tax rate water district
(Water Code Section 49.23601)

Developing water district
(Water Code Section 49.23603)

Developed water district in a
declared disaster area
(Water Code Section 49.23602(d))

| | | |
|----|--|------------------|
| 1. | 2019 average appraised value of residence homestead.¹ | \$167,306 |
| 2. | 2019 general exemptions available for the average homestead. Excluding age 65 or older or disabled persons exemptions. ² | - \$4,541 |
| 3. | 2019 average taxable value of residence homestead. Line 1 minus line 2. | \$162,765 |
| 4. | 2019 adopted M&O tax rate. | \$0.003570/\$100 |
| 5. | 2019 M&O tax on average residence homestead. Multiply line 3 by line 4, divide by \$100. | \$5.81 |

¹ Tex. Water Code § 49.236(a)(2)(C)

² Tex. Water Code § 49.236(a)(2)(D)

**2020 Water District Voter-Approval Tax Rate Worksheet
for Low Tax Rate and Developing Districts
CLEARWATER U.W.C.D.**

Voter-Approval Tax Rate (concluded)

| | | |
|-----|--|------------------|
| 6. | Highest M&O tax on average residence homestead with increase. Multiply line 5 by 1.08. ³ | \$6.27 |
| 7. | 2020 average appraised value of residence homestead. | \$181,966 |
| 8. | 2020 general exemptions available for the average homestead. Excluding age 65 or older or disabled persons exemptions. ⁴ | - \$6,958 |
| 9. | 2020 average taxable value of residence homestead. Line 7 minus line 8. | \$175,008 |
| 10. | Highest 2020 M&O Tax Rate. Line 6 divided by line 9, multiply by \$100. ⁵ | \$0.003582/\$100 |
| 11. | 2020 debt tax rate. | \$0.000000/\$100 |
| 12. | 2020 contract tax rate. | \$0.000000/\$100 |
| 13. | 2020 voter-approval tax rate. Add lines 10, 11, and 12. | \$0.003582/\$100 |

3 Tex. Water Code § 49.23601(a)(3) and 49.23603(a)(3)

4 Tex. Water Code § 49.236(a)(2)(E)

5 Tex. Water Code § 49.23601(a)(3) and 49.23603(a)(3)

**2020 Water District Voter-Approval Tax Rate Worksheet
for Low Tax Rate and Developing Districts
CLEARWATER U.W.C.D.**

Election Tax Rate

For a low tax rate water district, the election tax rate is the highest total tax rate the district may adopt without holding an automatic election to approve the adopted tax rate.

For a developing water district, the election tax rate is the highest total tax rate the district may adopt before qualified voters of the district may petition for an election to lower the adopted tax rate.

If any part of a developed water district is located in an area declared a disaster area during the current tax year by the governor or by the president, the board of the district may calculate the election tax rate as the highest tax rate the district may adopt without holding an automatic election to approve the adopted tax rate.

In these cases, the election tax rate is the rate that would impose 1.08 times the amount of tax imposed by the district in the preceding year on the average appraised value of a residence homestead in the water district. The average appraised value disregards any homestead exemption available only to people with disabilities or those age 65 or older.

| | | |
|-----|--|------------------|
| 14. | 2019 average taxable value of residence homestead. Enter the amount from line 3. | \$162,765 |
| 15. | 2019 adopted total tax rate. | \$0.003570/\$100 |
| 16. | 2019 total tax on average residence homestead. Multiply line 14 by line 15. | \$5.81 |
| 17. | 2020 highest amount of taxes per average residence homestead. Multiply line 16 by 1.08. | \$6.28 |
| 18. | 2020 tax election tax rate. Divide line 17 by line 9 and multiply by \$100. | \$0.003585/\$100 |

Taxing Unit Representative Name and Signature

Enter the name of the person preparing the voter-approval tax rate as authorized by the governing body of the water district. By signing below, you certify that you are the designated officer or employee of the taxing unit and have calculated the tax rates in accordance with requirements in Water Code.⁶

Print Here

Printed Name of Water District Representative

Sign Here

Water District Representative

Date

⁶ Tex. Water Code § 49.23601, 49.23602(d), and 49.23603

Texas Water Code Chapter 49

Texas Water Code

§ 49.001

Definitions

(a) As used in this chapter:

- (1) “District” means any district or authority created by authority of either Sections 52(b)(1) and (2), Article III, or Section 59, Article XVI, Texas Constitution, regardless of how created. The term “district” shall not include any navigation district or port authority created under general or special law, any conservation and reclamation district created pursuant to Chapter 62 (Article XVI, Section 59, Navigation Districts), Acts of the 52nd Legislature, 1951 (Article 8280-141, Vernon’s Texas Civil Statutes), or any conservation and reclamation district governed by Chapter 36 (Groundwater Conservation Districts) unless a special law creating the district or amending the law creating the district states that this chapter applies to that district.
- (2) “Commission” means the Texas Natural Resource Conservation Commission.
- (3) “Board” means the governing body of a district.
- (4) “Executive director” means the executive director of the commission.
- (5) “Water supply corporation” means a nonprofit water supply or sewer service corporation created or operating under Chapter 67 (Nonprofit Water Supply or Sewer Service Corporations).
- (6) “Director” means either a supervisor or director appointed or elected to the board.
- (7) “Municipal solid waste” has the same meaning assigned by Section 361.003 (Definitions), Health and Safety Code.
- (8) “Special water authority” means a river authority as that term is defined in Section 30.003, or a district created by a special Act of the legislature that:
 - (A) is a provider of water or wastewater service to two or more municipalities; and
 - (B) is governed by a board of directors appointed or designated in whole or in part by the governor, the Texas Water Development Board, or municipalities within its service area.
- (9) “Potable water” means water that has been treated for public drinking water supply purposes.
- (10) “District facility” means tangible real and personal property of the district, including any plant, equipment, means, recreational facility as defined by Section 49.462 (Definitions), or instrumentality owned, leased, operated, used, controlled, furnished, or supplied for, by, or in connection with the business or operations of a district. The term specifically includes a reservoir or easement of a district.

Texas Water Code

§ 49.236

Notice of Tax Hearing

(a) Before the board adopts an ad valorem tax rate for the district for debt service, operation and maintenance purposes, or contract purposes, the board shall give notice of each meeting of the board at which the adoption of a tax rate will be considered. The notice must:

(1) contain a statement in substantially the following form:

"The (name of the district) will hold a public hearing on a proposed tax rate for the tax year (year of tax levy) on (date and time) at (meeting place). Your individual taxes may increase at a greater or lesser rate, or even decrease, depending on the tax rate that is adopted and on the change in the taxable value of your property in relation to the change in taxable value of all other property. The change in the taxable value of your property in relation to the change in the taxable value of all other property determines the distribution of the tax burden among all property owners.

“(Names of all board members and, if a vote was taken, an indication of how each voted on the proposed tax rate and an indication of any absences.)”;

(2) contain the following information:

- (A) the district’s total adopted tax rate for the preceding year and the proposed tax rate, expressed as an amount per \$100;
- (B) the difference, expressed as an amount per \$100 and as a percent increase or decrease, as applicable, in the proposed tax rate compared to the adopted tax rate for the preceding year;
- (C) the average appraised value of a residence homestead in the district in the preceding year and in the current year; the district’s total homestead exemption, other than an exemption available only to disabled persons or persons 65 years of age or older, applicable to that appraised value in each of those years; and the average taxable value of a residence homestead in the district in each of those years, disregarding any homestead exemption available only to disabled persons or persons 65 years of age or older;
- (D) the amount of tax that would have been imposed by the district in the preceding year on a residence homestead appraised at the average appraised value of a residence homestead in that year, disregarding any homestead exemption available only to disabled persons or persons 65 years of age or older;
- (E) the amount of tax that would be imposed by the district in the current year on a residence homestead appraised at the average appraised value of a residence homestead in that year, disregarding any homestead exemption available only to disabled persons or persons 65 years of age or older, if the proposed tax rate is adopted;

- (F) the difference between the amounts of tax calculated under Paragraphs (D) and (E), expressed in dollars and cents and described as the annual percentage increase or decrease, as applicable, in the tax to be imposed by the district on the average residence homestead in the district in the current year if the proposed tax rate is adopted; and
- (G) if the proposed combined debt service, operation and maintenance, and contract tax rate requires or authorizes an election to approve or reduce the tax rate, as applicable, a description of the purpose of the proposed tax increase;

(3) contain a statement in substantially the following form, as applicable:

- (A) if the district is a district described by Section 49.23601 (Automatic Election to Approve Tax Rate for Low Tax Rate Districts):

"If the district adopts a combined debt service, operation and maintenance, and contract tax rate that would result in the taxes on the average residence homestead increasing by more than eight percent, an election must be held to determine whether to approve the operation and maintenance tax rate under Section 49.23601 (Automatic Election to Approve Tax Rate for Low Tax Rate Districts), Water Code.";

- (B) if the district is a district described by Section 49.23602 (Automatic Election to Approve Tax Rate for Certain Developed Districts):

"If the district adopts a combined debt service, operation and maintenance, and contract tax rate that would result in the taxes on the average residence homestead increasing by more than 3.5 percent, an election must be held to determine whether to approve the operation and maintenance tax rate under Section 49.23602 (Automatic Election to Approve Tax Rate for Certain Developed Districts), Water Code."; or

- (C) if the district is a district described by Section 49.23603 (Petition Election to Reduce Tax Rate for Certain Districts):

"If the district adopts a combined debt service, operation and maintenance, and contract tax rate that would result in the taxes on the average residence homestead increasing by more than eight percent, the qualified voters of the district by petition may require that an election be held to determine whether to reduce the operation and maintenance tax rate to the voter-approval tax rate under Section 49.23603 (Petition Election to Reduce Tax Rate for Certain Districts), Water Code."; and

- (4) include the following statement: "The 86th Texas Legislature modified the manner in which the voter-approval tax rate is calculated to limit the rate of growth of property taxes in the state."

(b) Notice of the hearing shall be:

- (1) published at least once in a newspaper having general circulation in the district at least seven days before the date of the hearing; or
- (2) mailed to each owner of taxable property in the district, at the address for notice shown on the most recently certified tax roll of the district, at least 10 days before the date of the hearing.

(c) The notice provided under this section may not be smaller than one-quarter page of a standard-size or tabloid-size newspaper of general circulation, and the headline on the notice must be in 18-point or larger type.

(d) Repealed by Acts 2019, 86th Leg., R.S., Ch. 944 (S.B. 2), Sec. 91(6), eff. January 1, 2020.

Added by Acts 2003, 78th Leg., ch. 335, Sec. 1, eff. Sept. 1, 2003.

Amended by:

Acts 2019, 86th Leg., R.S., Ch. 944 (S.B. 2), Sec. 88, eff. January 1, 2020.

Acts 2019, 86th Leg., R.S., Ch. 944 (S.B. 2), Sec. 91(6), eff. January 1, 2020.

Location: https://texas.public.law/statutes/tex._water_code_section_49.236.

Original Source: Texas Legislature Online, § 49.236 — *Notice of Tax Hearing*, <http://www.statutes.legis.state.tx.us/Docs/WA/htm/WA.49.htm#49.236> (last accessed Aug. 7, 2020).

Baylor FY21 Project Proposals

Baylor University Proposal for 2020/2021

Joe C. Yelderman Jr.

7-16-2020

1. Surface water/groundwater interaction below Belton Reservoir

The Texas Water Development Board (TWDB) has a groundwater monitoring program specific to springs that includes Triple Springs at Miller Springs Park below Belton Reservoir. This setting is quite similar to Spillway Creek at Chalk Ridge Falls Park below Stillhouse Hollow Reservoir. The TWDB sampling parameters are quite extensive in scope, but their sampling frequency is fairly low and the hydrogeologic context may be limited. This proposed project would include providing more geoscience interpretation to the setting and an increased sampling frequency to identify short-term trends related to lake levels. Field parameters (T, Spc, pH, and DO) plus Deuterium (H^2) and Oxygen-18 (O^{18}) isotopes would be collected and analyzed to compliment the TWDB program. Cooperation with the TWDB program enhances the project and makes it more relevant and more cost efficient.

Budget: **total estimate not to exceed \$7500 including indirect costs.**

2. Improve understanding of Northern Segment Edwards BFZ aquifer flow.

One way to help understand the flow systems in the Northern Segment of the Edwards BFZ aquifer is to date the apparent age of the groundwater. When produced water is old it is a product of aquifer storage and when produced water is young it is more likely to be recently recharged water. Trends for produced water that begins to get older and older may mean the aquifer is being over-produced and taking water out of storage. The TWDB usually monitors for Carbon 14 (C^{14}) and Tritium (H^3) to date groundwater. We propose to sample Edwards aquifer wells in the springshed area of the Downtown Salado Spring Complex to help delineate the younger water from older water using SF_6 (Sulfur hexafluoride) and CFC (Chlorofluorocarbon) gases. These are gases introduced into our atmosphere in the last 100 years and they get absorbed into rain as recharge. Because they do not react with anything in the aquifer, they are good tracers and can help date the age of the groundwater. Sample analyses cost approximately \$200/sample and can provide an apparent date (age) of the groundwater from current rainfall to groundwater greater than 50 years old. This is a different age span than provided by C^{14} and Tritium. Because groundwater mixing can make interpretation difficult. We propose to sample several times to capture effects from seasonality and precipitation events. This project will compliment other tracer efforts and flow studies in the springshed.

Budget: **total estimate not to exceed \$9000 including indirect costs.**

Surface-water/groundwater interaction below Lake Belton and age dating groundwater in Salado Springshed

Scope of Work

Surface water/groundwater interaction below Belton Reservoir

Provide geoscience interpretation to the hydrogeologic setting below Lake Belton at Triple Springs in Miller spring park.

Increase sampling frequency to monthly samples in order to identify short-term trends related to lake levels.

Field parameters (T, Spc, pH, and DO) plus Deuterium (H^2) and Oxygen-18 (O^{18}) isotopes would be collected and analyzed monthly.

Present oral progress report January/February 2021

Present final written report September 2021

Improve understanding of Northern Segment Edwards BFZ aquifer flow.

Sample Edwards aquifer wells in the springshed area of the Downtown Salado Spring Complex to help delineate the younger water from older water using SF_6 (Sulfur hexafluoride) and CFC (Chlorofluorocarbon) gases to date the groundwater.

We propose to sample several times based on flow conditions in the aquifer to capture effects from seasonality and precipitation events.

Present oral progress report January/February 2021

Present final written report September 2021

| | | | |
|------------------------|--|----------|---------------|
| Principal Investigator | Joe Yelderman | | |
| Project Title | Water/Groundwater Interaction below Lake Belton and age dating groundwater in Salado | | |
| Sponsor | CUWCD | | |
| Prime Sponsor | | | |
| Period of Performance | Start | 9/1/2020 | End 8/31/2021 |
| Box No. | | | |

| Budget Period | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Total Cost |
|---|---------------|-------------|-------------|-------------|-------------|---------------|
| Start | 1-Sep-2020 | 1-Sep-2021 | 1-Sep-2022 | 1-Sep-2023 | 1-Sep-2024 | |
| End | 31-Aug-2021 | 31-Aug-2022 | 31-Aug-2023 | 31-Aug-2024 | 31-Aug-2025 | |
| Labor Dollars | | | | | | |
| Contract Faculty - Research | - | - | - | - | - | - |
| F/T Regular Employee (Staff) | - | - | - | - | - | - |
| Hourly / Undergrad | - | - | - | - | - | - |
| Post-Doc | - | - | - | - | - | - |
| GRA | 8,000 | - | - | - | - | 8,000 |
| Subtotal Labor | 8,000 | - | - | - | - | 8,000 |
| Fringe Benefits | | | | | | |
| Contract Faculty - Research | - | - | - | - | - | - |
| F/T Regular Employee (Staff) | - | - | - | - | - | - |
| Hourly / Undergrad | - | - | - | - | - | - |
| Post Doc | - | - | - | - | - | - |
| GRA | 1,695 | - | - | - | - | 1,695 |
| Subtotal Fringe Benefits | 1,695 | - | - | - | - | 1,695 |
| Other Direct Cost | | | | | | |
| Equipment | - | - | - | - | - | - |
| Travel | 503 | - | - | - | - | 503 |
| Domestic | 503 | - | - | - | - | 503 |
| Foreign | - | - | - | - | - | - |
| Honorariums | - | - | - | - | - | - |
| Materials and Supplies | - | - | - | - | - | - |
| Consultant Services | 4,150 | - | - | - | - | 4,150 |
| Contracted Services | - | - | - | - | - | - |
| Participant Support Costs | - | - | - | - | - | - |
| Tuition Remission | - | - | - | - | - | - |
| Other Direct Cost | - | - | - | - | - | - |
| Subtotal Other Direct Cost | 4,653 | - | - | - | - | 4,653 |
| Subtotal Direct Cost | 14,348 | - | - | - | - | 14,348 |
| Subcontracts, < \$25,000 | - | - | - | - | - | - |
| Subcontracts, > \$25,000 | - | - | - | - | - | - |
| Subtotal Subcontracts | - | - | - | - | - | - |
| Total Direct Cost | 14,348 | - | - | - | - | 14,348 |
| MTC | 14,348 | - | - | - | - | 14,348 |
| Facilities & Administration Costs (F&A) - 98950 | 2,152 | - | - | - | - | 2,152 |
| ** Total Sponsor Cost ** | 16,500 | - | - | - | - | 16,500 |
| Committed /Mandatory Cost Share | - | - | - | - | - | - |
| TOTAL PROJECT COST | 16,500 | - | - | - | - | 16,500 |

| | | | | |
|----------------------------------|--------------|-----------------------|-----|---------------------------------|
| Proposal IDC Rate | 40.0% | Custom F&A Rate (Y/N) | Yes | 15% |
| All Programs beginning 6/01/2020 | | | | Waiver or Sponsor Policy Needed |
| On Campus | | | | Target |
| | | | | 16,500 |
| Annual Escalation | Year 1 No | 3.00% | | |
| | All Years No | | | |

| | On Campus | Off-Campus | |
|----------------------------------|-----------|------------|------|
| All Programs through 5/31/2020 | 38.5% | 15.6% | 0.0% |
| All Programs beginning 6/01/2020 | 40.0% | 17.0% | 0.0% |
| | 0.0% | 0.0% | 0.0% |
| | 0.0% | 0.0% | 0.0% |
| | 0.0% | 0.0% | 0.0% |

0.00%

FY21
WSP Proposal



MEMO

TO: Dirk Aaron, Clearwater UWCD
FROM: James Beach, PG and Rohit Goswami, PhD, PE
SUBJECT: Scope and Budget for FY2020 and FY 2021
DATE: August 10, 2020

As you requested, WSP is providing a proposed scope and budget to support the efforts of CUWCD (“the district”) to help in the update of the groundwater availability model (GAM) for the northern section of the Edwards (Balcones Fault Zone) [BFZ] by TWDB. The scope will cover the tasks proposed for the rest of FY 2020 and for the upcoming FY2021.

REMAINING FISCAL YEAR 2020

For the remaining FY2020, our proposed tasks are as follows:

1. Review draft conceptual model report and provide written comments to the district staff, working with Mr. Dirk Aaron. Mr. Aaron will subsequently submit the comments to the TWDB after reviewing them.
2. Meet/Teleconference with Dr. Ian Jones, project manager for updating the model, to discuss specific modeling issues related to the district. Mr. Aaron and WSP staff participated in the recently held stakeholder advisory forum meeting on August 4. Mr. Aaron has, since, been in contact with Dr. Jones to setup a separate meeting/teleconference. The issues to be discussed in the proposed meeting will include – recharge, pumping, and groundwater-surface water interactions in the Edwards aquifer in the Salado Creek watershed within Bell County (“region of interest”)
3. Discuss, with TWDB staff and Mr. Aaron, the current methodology to update the numerical model including modeling code, spatial and temporal discretization, and various processes being simulated within the region of interest, including:
 - a. Spatial and temporal recharge distribution
 - b. Preferential flow in the aquifer
 - c. Connection to Trinity Aquifer



- d. Groundwater-surface water interactions
- 4. Present, to the district Board by October 1, 2020, a summary of the conceptual model report related to the region of interest and the comments on the conceptual model report submitted to the TWDB by Mr. Aaron.

Our not-to-exceed budget to complete these tasks before October 1, 2020, is \$7,500.

FISCAL YEAR 2021

For the FY2021, our proposed tasks are as follows:

1. Assist the TWDB staff, during the numerical model construction process, to numerically incorporate recharge, pumping, and groundwater- surface water interactions within the region of interest. Work proposed above to be completed in the remainder of FY2020 will provide critical information for this task.
2. Communicate and assist TWDB staff during the model calibration process. This would include assistance with developing appropriate targets for calibration as well as help to identifying and testing different approaches for calibration which may include the PEST suite of tools.
3. Review the draft updated numerical model report and files (containing TWDB draft calibrated model) upon notification of completion. During and after the review of the draft numerical model, assist the district staff in developing comments and recommendations. This effort will include the following:
 - a. Assessing draft model files to evaluate simulated output at selected critical targets in the region of interest
 - b. Conduct a limited sensitivity analysis on key processes identified within the region of interest in discussions with district staff
 - c. Simulate one predictive scenario with the draft updated numerical model to evaluate the impact on DFC/MAG. This scenario may be based on the assumptions (drought of record from the 1950s) made in the current DFC model run and will be determined in discussions with district staff.
 - d. Simulating an additional predictive scenario to evaluate the DFC/MAG, which may include an analysis of the springflow based DFC metrics within the region of interest
4. Provide a technical memo and presentation to the district based on the work proposed to be conducted above.

Our not-to-exceed budget, for FY 2021, to conduct these tasks is \$45,000. Please be advised that the process to update the numerical model may be delayed due to unforeseen circumstances, including TWDB schedule. Therefore, we may have to take necessary steps to amend the proposed scope and timeframe in coordination with district staff.

USGS FY21
Proposals

PROPOSED OPTIONS FOR DATA COLLECTION
U. S. Geological Survey, OK-TX Water Science Center
Submitted to Clearwater Underground Water Conservation District
August 12, 2020

Hydrologic and Geochemical Investigations in Bell County, Texas

A.) Streamgaging (\$15,900/year)—Continue to maintain full-range streamflow gage at Salado Creek at Salado, TX (station number 08104300) to:

- 1.) Provide a framework of hydrologic conditions under which water-quality data are being collected
- 2.) Provide information on Edwards aquifer Balcones Fault Zone drought status tied to discharge values in the Salado Springs complex
- 3.) Provide early warning during periods of elevated streamflow (floods).

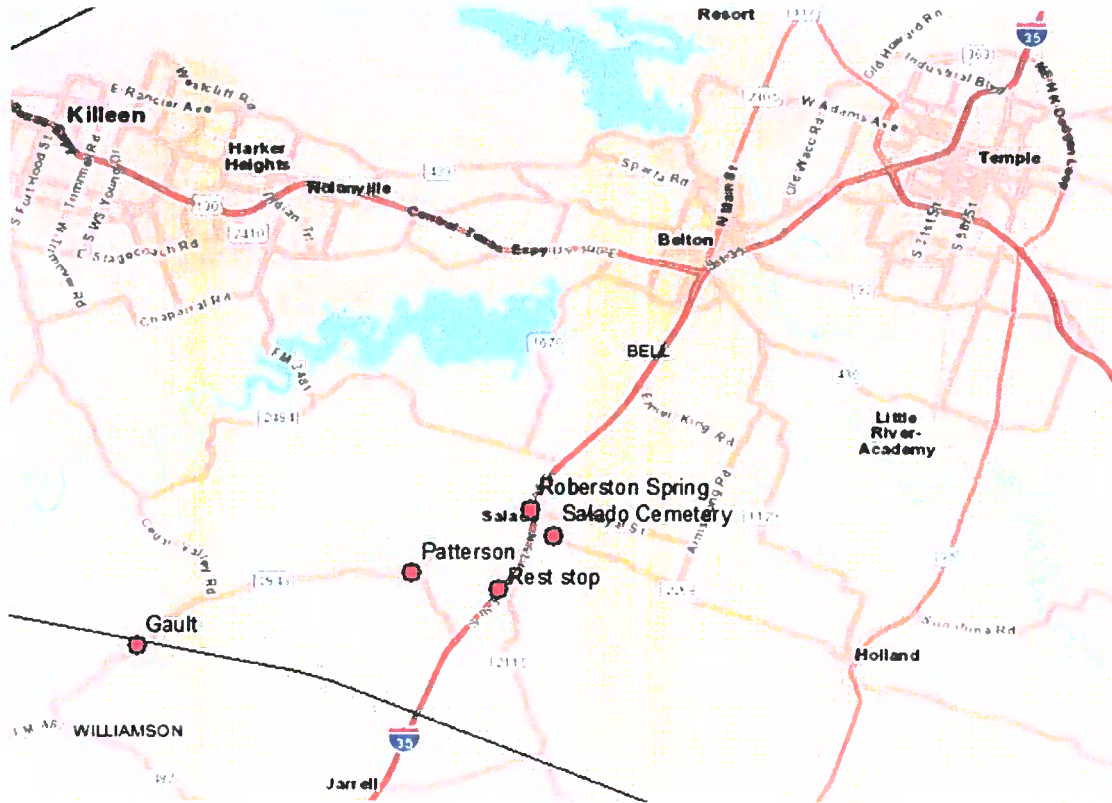
*Annual
FY 21*

Streamgaging includes the following activities:

- a. Site visits every 6-8 weeks for calibration and maintenance
- b. Additional site visits (as needed) based on flow conditions and loss of real-time data transmissions
- c. Gage repair
- d. Datum verification (surveying levels)
- e. Internal data reviews (QA/QC)
- f. Discharge measurements for rating curve development
- g. Indirect measurements

B.) Edwards aquifer synoptic water-quality sampling (\$33,300)—Continued collection of groundwater quality in the Edwards aquifer in Bell County and the springs discharging from the Edwards aquifer is important to assess conditions that may affect aquatic species and to help determine drought trigger levels for the aquifer. Collection of one set of water-quality samples is proposed from 4 wells located upgradient of Robertson Spring in the unconfined portions of the northern segment of the Edwards aquifer and Robertson Spring to understand general water-conditions of groundwater in the Edwards aquifer that may contribute to Robertson Spring (see inset map). Water-quality samples will be analyzed for the following constituents: major ions (including fluoride), nutrients, dissolved solids, bacteria, and nitrate isotopes. Water-quality analysis will include at least one replicate quality-control sample to help determine any variability due to sample collection, processing, handling and analytical procedures. Clearwater Underground Water Conservation District (CUWCD) suggested sampling the following wells: Gault, Rest Stop, Patterson, and Salado Cemetery locations. CUWCD would be relied upon for permission/access to wells and spring for sampling. The reviewed and approved water-quality results will be published online through the USGS National Water Information System (<https://waterdata.usgs.gov/nwis>) and presented to the CUWCD Board of Directors.

*Proposed
FY 21
after
CSA
efforts*



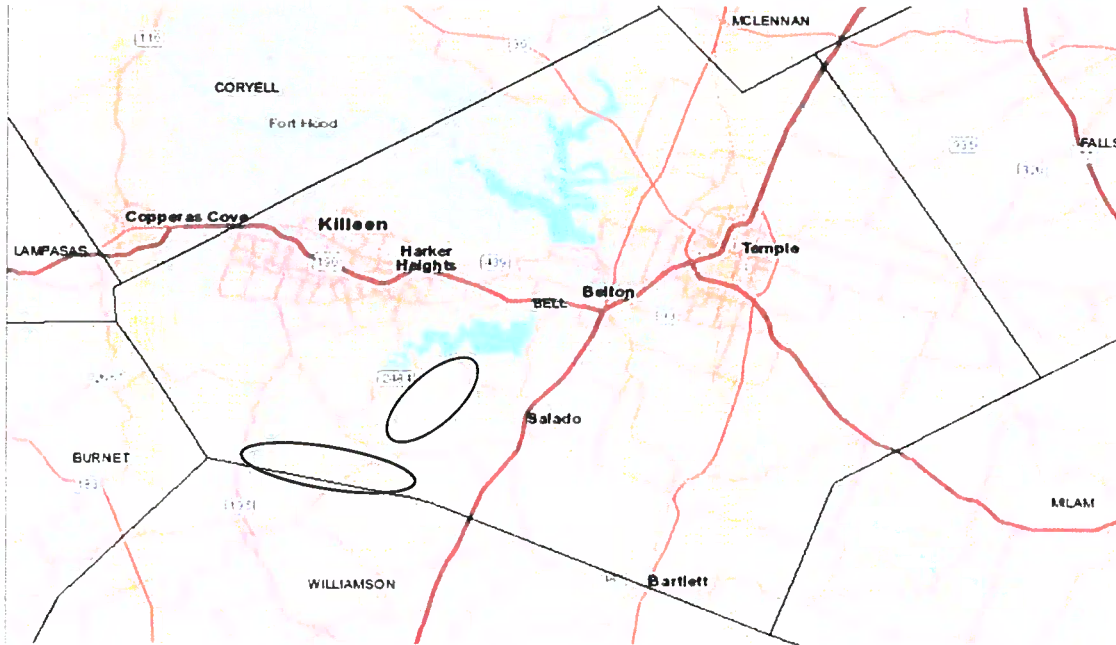
C) Periodic water-quality sampling of middle Trinity aquifer wells related to declining water levels (\$50,100 in FY21; \$110,000 in FY22)—Water levels in the middle Trinity aquifer have been declining at a rapid rate for more than a decade. The largest declines were measured in Bell County near the Williamson County line west of IH-35 just north of that area (see inset map for areas on interest). Groundwater level declines are believed to be mostly due to pumping of domestic wells.

High Priority FY22

Changes in water levels affect groundwater flow and may cause the migration of groundwater with different water-quality into new areas. Three wells in the middle Trinity aquifer will be selected for periodic sampling: two in the areas with largest water level decline (mentioned above) and one in an area with minimal water level decline.

Sampling of groundwater wells deep in the middle Trinity aquifer will require the use of the U.S. Geological Survey pump hoist truck and groundwater sampling pump, requiring a trained operator. Samples will be collected from all 3 wells every other month for a total of 5 sample sets. Two sample sets will be collected in FY21 and 3 sample sets will be collected in FY22. The samples will be analyzed for total dissolved solids, major ions (such as chloride, fluoride, sodium, and sulfate), nutrients, bacteria, and selected isotopes (strontium-87/86, deuterium and oxygen, tritium, and nitrate). Water-quality analysis will include quality control samples as one replicate and one blank quality-control sample to estimate variability and bias due to sample collection, processing, handling and analytical procedures. Data from the QC samples can be used to identify

sources of variability introduced by sample collection processes in the field or processes associated with analytical methods in the lab and to aid the interpretation of the environmental data. The water-quality results will be analyzed to investigate for differences attributable to water-level declines in the aquifer. The reviewed and approved water-quality results will be published online through the USGS National Water Information System and in an interpretive report in FY22. USGS matching cooperative funds may be available in FY22 to offset publication expenses. Periodic updates and final interpretations will be presented to the CUWCD Board of Directors.



LRE FY21 Proposals

TASK ORDER 2021.1
Permit Application Support

This Task Order is made the ___ day of _____, 20___, by and between Clearwater Underground Water Conservation District (“Client”) and LRE Water (“Consultant” or “LRE”) pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, (“Agreement”), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

LRE will perform non-exempt well permit application reviews as needed. We understand that not all non-exempt applications requiring review will require the same level of professional analysis and we will be guided by District staff regarding the level of analysis for each application. We anticipate N1 application review documents will be prepared primarily by District staff with review by a LRE professional geoscientist. However, a N2 application with a production request of more than 37 acre-feet per year will require detailed modeling and analysis.

The following table provides our assumptions of work and not-to-exceed cost for each anticipated permit evaluation type. Actual costs will be based on the time spent on application review. For uncontested permit applications, we will perform the proposed work at or below the not-to-exceed cost. For contested permit applications or cases with greater levels of complexity than typical permits, we will work to maintain costs below the not-to-exceed cost provided below. If costs are anticipated to be above the not-to-exceed cost, we will notify Client of the expected cost and will not proceed without express approval.

| Permit Evaluation Type | Anticipated Work | Not-to-Exceed Cost per Evaluation |
|---|--|-----------------------------------|
| N1 | Review and P.G. stamp | \$100 |
| N2 (< 37 ac-ft/yr) | <ul style="list-style-type: none"> • Perform analytical modeling of proposed pumping • Evaluate projected beneficial use • Assess proposed well completion relative to the local geology • Provide summary technical memo with conclusions and recommendations • Attend Board meeting to answer questions during public hearing | \$2,100 |
| N2 (>= 37 ac-ft/yr) | All above work plus: <ul style="list-style-type: none"> • Using the District GAM to model the proposed production • Hydrogeologic report review (if applicable) • Meeting with District staff and the applicant to discuss the permit application and findings from the review • Preparing a summary report discussing the findings from the application review • Providing a formal presentation of the findings to the District Board during the permit hearing | \$4,200 |
| Certification of Groundwater Availability for Platting | <ul style="list-style-type: none"> • Perform analytical modeling of proposed pumping amounts and locations • Extract model data related to aquifer hydraulic properties beneath the proposed subdivision • Complete Certification of Groundwater Availability for Platting Form per 30 TAC §230 | \$2,100 |



2. The Project Schedule is as follows:

Work will be performed as needed during fiscal year 2021.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are time and materials. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70-\$130 for data processing, technicians and IT support. For planning purposes, we propose the following cost estimate for the fiscal year 2020:

- N1: Assume 5 permit applications – \$500
- N2 (< 37 ac-ft/yr): Assume 2 permit applications – \$4,200
- N2 (>= 37 ac-ft/yr): Assume 1 permit application – \$4,200
- Certification of Groundwater Availability for Platting: Assume 2 subdivisions – \$4,200

Planning level cost estimate: \$13,100

Actual costs associated with permitting will depend on the number of permit applications submitted. If the number of permit applications is greater than the estimates provided above, costs will be greater than anticipated and will be billed at the rates described above.

4. Deliverables to be provided under this Task Order are as indicated in the table under item 1 above.

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager

Jordan Furnans, PhD, PG, PE

Name (Printed or Typed)

Name (Printed or Typed)

Date

Date



TASK ORDER 2021.2

Technical Support for Updating and Revising the District Rules

This Task Order is made the ___ day of _____, 20___, by and between Clearwater Underground Water Conservation District (“Client”) and LRE Water (“Consultant” or “LRE”) pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, (“Agreement”), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

Over the past several years, the District has directed and participated in several studies of the groundwater conditions within and near Bell County. These studies have been conducted by Baylor University, LBG-Guyton Associates, WSP, LRE Water, and others. The following lists some of the studies funded by the District to better understand the local aquifers:

- Evaluation of Trinity water-level changes (2014, 2018, and 2020)
- Evaluation of District well spacing requirements (2015 and 2020)
- Evaluation of Edwards Aquifer Water Quality (2015)
- Edwards Aquifer recharge pathways and mechanisms (2015 and 2016)
- Updating hydraulic properties in the adopted GAM (2016 and 2020)
- Statistical Evaluation of Edwards Aquifer Water Levels, Pumping, and Springflow (2017)
- Evaluation of the adopted GAM calibration (2018)
- Evaluation of Groundwater Pumping in Travis and Williamson Counties (2020)
- Three-dimensional geologic model (updated annually)
- Analyses of several aquifer tests
- Numerous permit application evaluations and groundwater availability assessments for plats

While the above list does not cover all of the investigations funded by the District, it does demonstrate the active role the District has played to improve the science and understanding of the managed aquifers. When funding these investigations, one ultimate goal of the District is to utilize the results and gained understanding to improve the District Rules.

Work under this Task Order would involve bringing together the projects conducted over the last several years within the context of informing Board management decisions related to the local aquifers. The results from the previous analyses will be briefly summarized with recommendations for incorporation of results or information into specific parts of the District Rules. Work conducted will form the basis for providing technical support related to revising and updating of the District’s Rules during the 2021 fiscal year.

Technical support related to revising and updating of the District's Rules will include:

- Reviewing and commenting on revisions relative to recommendations from previous studies
- Building upon previous work to develop proposed revisions to hydrogeologic report requirements
- Developing recommendations for specific scientific metrics and tools for reference in the District's Rules with regard to managing to the adopted desired future conditions
- Assisting with the development of the District Rules addressing curtailment of groundwater production when the adopted desired future conditions are exceeded
- Attending and presenting information at two (2) stakeholder meetings
- Attending and presenting information to the District Board during two (2) meetings

2. The Project Schedule is as follows:

As this project is key for providing the technical support related to the revising and updating of the District's Rules, we will begin immediately in fiscal year 2021 and provide the draft technical memorandum and proposed hydrogeologic report guidelines by November 20, 2020. Recommendations for District Rules will be conducted in coordination with the District's legal counsel. Presentations and support will be provided throughout fiscal year 2021.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are time and materials **not to exceed \$16,400**, without prior authorization by Client. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70–\$130 for data processing, technicians and IT support.

4. Deliverables to be provided under this Task Order are as follows:

- Technical memorandum with recommendations
- Proposed revisions to the District Rules and hydrogeologic report guidelines
- Board and Stakeholder presentations

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager

Name (Printed or Typed)

Jordan Furnans, PhD, PG, PE

Name (Printed or Typed)

Date

Date



TASK ORDER 2021.3

Providing Support Related to the Update of the Northern Edwards (BFZ) GAM – Numerical Model

This Task Order is made the ___ day of _____, 20___, by and between Clearwater Underground Water Conservation District ("Client") and LRE Water ("Consultant" or "LRE") pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, ("Agreement"), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

Dr. Ian Jones with the Texas Water Development Board ("TWDB") is currently working on an update of the Northern Segment of the Edwards (Balcones Fault Zone) Groundwater Availability Model ("GAM"). District technical support related to the GAM update will be performed primarily by WSP in association with their work related to development of desired future conditions by Groundwater Management Area 8. **Proposed work by LRE will be limited to review and draft comments on the draft numerical model report to WSP and the District. We anticipate our comments will be limited to adding additional perspective on the model update for incorporation into final comments developed by WSP and/or the District.**

2. The Project Schedule is as follows:

We will begin our review immediately upon release of the draft model report and coordinate with the District to schedule a meeting to discuss draft comments.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are time and materials **not to exceed \$2,360**, without prior authorization by Client. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70-\$130 for data processing, technicians and IT support.

4. Deliverables to be provided under this Task Order include providing comments on the draft model report and meeting with the District and WSP.

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager
Name (Printed or Typed)

Jordan Furnans, PhD, PG, PE
Name (Printed or Typed)

Date

Date



TASK ORDER 2021.4
Aquifer Data Analysis Tool Update

This Task Order is made the ___ day of _____, 20___, by and between Clearwater Underground Water Conservation District (“Client”) and LRE Water (“Consultant” or “LRE”) pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, (“Agreement”), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

We propose updating the July 2, 2020 version of the Aquifer Data Analysis Tool (previously referred to as the “DFC Compliance Assessment Tool” or the “Desired Future Condition Tool”) to include the analysis of the Edwards (BFZ) Aquifer. In addition, we will apply minor updates to improve the appearance of the graphical user interface. Specific work on this portion of the tool will include:

- Updating the display of the map area to improve the fit to Bell County. We anticipate this change will result in square dimensions for the map area
- Changing the base map from a topographic view to satellite and/or street view
- Incorporating water-level data from wells completed in the Edwards Aquifer into the well trend and spatial analysis
- Working collaboratively with you to debug the code enhancements
- Updating the tool documentation to reflect changes that have been made to the tool
- Presentation of the updated tool to the District Board

2. The Project Schedule is as follows:

We anticipate beginning work on the update as soon as possible in fiscal year 2021. We will provide a draft of the tool for testing by the District by November 20, 2020. We anticipate meeting with District staff prior to December 18, 2020 to discuss any issues encountered with the tool. We will then address the issues and provide updated documentation with the revised tool by January 29, 2021.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are time and materials not to exceed \$10,240, without prior authorization by Client. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70-\$130 for data processing, technicians and IT support.

4. Deliverables to be provided under this Task Order are as follows:

- Revised and updated Water Level Trend Analysis Tool with documentation
- Meeting with staff for training and debugging
- Board presentation

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager
Name (Printed or Typed)

Jordan Furnans, PhD, PG, PE
Name (Printed or Typed)

Date

Date

TASK ORDER 2021.5

Update Regional Drawdown Study of Trinity Aquifer

This Task Order is made the ___ day of _____, 20___, by and between Clearwater Underground Water Conservation District (“Client”) and LRE Water (“Consultant” or “LRE”) pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, (“Agreement”), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

Since 2014, CUWCD has performed evaluations of the annual changes in water levels in the Middle Trinity Aquifer in Bell and northern Williamson counties. In 2018, the District expanded the evaluation to include the Lower Trinity Aquifer. The proposed work will build upon the previous evaluations to include water level changes in 2020.

We propose analyzing drawdown over time for the Middle Trinity and Lower Trinity aquifers. To perform the analyses, we will use measured water levels and our professional judgement to interpret changes based on known data. Evaluations will build upon previous evaluations of the changes in water levels. Work associated with the evaluations will include:

- Collection of new water level data for the Middle and Lower Trinity aquifers from the District, Texas Water Development Board, and Submitted Drillers Report databases
- Creating contour maps of the recent changes in water levels within Bell, Williamson, and northern Travis counties
- Preparing a brief technical memorandum describing the results and changes in water levels over time
- Providing contours and data points of water level in a geodatabase for inclusion in the District's geologic model
- Presenting the results of the evaluation to the District Board

2. The Project Schedule is as follows:

We anticipate beginning our evaluation by February 1, 2021 to capture publicly available winter water-level measurements in the analysis. We will complete our evaluation and provide the draft technical memorandum by April 2, 2021.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are time and materials not to exceed \$5,120, without prior authorization by Client. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70-\$130 for data processing, technicians and IT support.

4. Deliverables to be provided under this Task Order are as follows:

- Technical memorandum
- Digital datasets
- Board presentation

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager
Name (Printed or Typed)

Jordan Furnans, PhD, PG, PE
Name (Printed or Typed)

Date

Date

TASK ORDER 2021.6

Management of Analysis Tools

This Task Order is made the ___ day of _____, 20___, by and between Clearwater Underground Water Conservation District (“Client”) and LRE Water (“Consultant” or “LRE”) pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, (“Agreement”), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

There are currently two tools used by the District that LRE has developed or assisted in development, namely:

- Drawdown Prediction Tool
- Aquifer Data Analysis Tool

Work under this task will involve updating and maintaining these tools as necessary during fiscal year 2021. Anticipated work associated with maintaining these tools for the District includes:

- Updating the stratigraphy in the Aquifer Data Analysis Tool based on revised data provided by Allan Standen
- Updating the hydraulic properties used by the Drawdown Prediction Tool based on revised data provided by WSP
- Providing technical support to District staff, including troubleshooting and correcting issues that may arise with the tools during normal use

2. The Project Schedule is as follows:

Updates to tool data sources will be conducted within five (5) business days of receiving revised data. Technical support will be performed as needed during fiscal year 2021.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are time and materials **not to exceed \$1,640**, without prior authorization by Client. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70-\$130 for data processing, technicians and IT support.

4. Deliverables to be provided under this Task Order are as follows:

- Updated tool data sources
- Technical support

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager
Name (Printed or Typed)

Jordan Furnans, PhD, PG, PE
Name (Printed or Typed)

Date

Date

TASK ORDER 2021.7

Fiscal Year 2021 General Geoscience Consulting

This Task Order is made the ___ day of _____, 20__, by and between Clearwater Underground Water Conservation District ("Client") and LRE Water ("Consultant") pursuant to the terms and conditions set forth in the Engagement Letter executed between the Parties on the 4th day of September, 2019, ("Agreement"), which incorporated this Task Order by reference.

1. The Services to be performed by Consultant under this Task Order are as follows:

During the fiscal year issues typically arise that were not considered during development of the proposed tasks for the fiscal year. At the District's request we will be available to provide General Geoscience Consulting services. This work authorization will facilitate authorization of general consulting tasks via email without further formal authorization during fiscal year 2021.

2. The Project Schedule is as follows:

Work will be performed as needed during fiscal year 2021.

3. The Compensation to be paid to Consultant for the performance of the Services under this Task Order are based on time and materials as authorized by Client. Rates currently range from \$200–\$265 for principals; \$100–\$250 for engineers and hydrologists; and \$70-\$130 for data processing, technicians and IT support. For planning purposes, based on the hours spent during fiscal year 2020 the fiscal year 2021 cost estimate is \$10,080.

4. Deliverables to be provided under this Task Order will vary depending upon the specific request.

Clearwater UWCD

LRE Water

Signature

Signature

Dirk Aaron, General Manager
Name (Printed or Typed)

Jordan Furnans, PhD, PG, PE
Name (Printed or Typed)

Date

Date

