

**San Gabriel County Water District
Regular Meeting of the Board of Directors
8366 Grand Ave.
Rosemead, CA 91770**

February 25, 2020

4:00 P.M.

AGENDA

Call to Order

1. Pledge of Allegiance

- 2. Roll Call**
- | | |
|---------------------------|-------|
| Director Taylor | _____ |
| Director Chan | _____ |
| Director Cammarano | _____ |
| Director Cici | _____ |
| Director DeLaTorre | _____ |

3. Additions, Re-order and Adoption of the Agenda:

Motion:
Second:
Action:

4. Public Comment on Agenda and Non-Agenda items

Anyone wishing to discuss items on and not on the agenda may do so at this time

5. Minutes of a Regular Meeting of the Board of Directors held February 11, 2020

Motion:
Second:
Action:

6. List of Demands on the General Account

a. Revolving/Payroll Account Reimbursement

Motion:
Second:
Action:

7. District Counsel

8. Action Items

- a. Approve Civiltec Engineering build San Gabriel County Water Districts Master Plan**

**Motion:
Second:
Action:**

9. Miscellaneous Information Items

- a. Receive and File: January 2020 Banking and Investment Report**

10. General Manager Report

11. Future Agenda Items

12. Director Comments

13. Adjournment:

**Motion:
Second:
Action:**

Materials related to an item on this agenda submitted after distribution of the agenda packet are available for public review at the District office, located at 8366 Grand Ave., Rosemead, CA 91770.

If you have special needs because of a disability which make it difficult for you to access or participate in the meeting, please contact the District Finance & Administration Manager, (626) 287-0341, by at least noon on the Monday preceding the meeting. The District will attempt to make arrangements to accommodate your attendance.

**MINUTES OF A REGULAR MEETING OF
THE BOARD OF DIRECTORS OF
SAN GABRIEL COUNTY WATER DISTRICT
HELD ON FEBRUARY 11, 2020**

- CALL TO ORDER** A regular meeting of the Board of Directors of the San Gabriel County Water District was held on Tuesday, February 11, 2020, at 8366 Grand Avenue, Rosemead, California at the hour of 4:00 p.m.
- ROLL CALL** President Taylor; Directors Cammarano, Chan, Cici, and DeLaTorre; General Manager Prior; Assistant General Manager Feilen; Finance and Administration Manager Corona; and District Counsel Colin O’Neill were present.
- AGENDA** Upon motion by Director DeLaTorre, and seconded by Director Cici, the Board voted unanimously to adopt the agenda for this regular meeting of the Board of Directors held on February 11, 2020.
- PUBLIC COMMENT** Director Chavez of Upper san Gabriel Valley Municipal Water District was in attendance and informed the Board that he had been named President of the Upper District Board for the fourth straight year. Director Chavez also advised of the following Upper District sponsored events coming up in March: leak detection workshop (3/16); and Sacramento Bay Delta inspection trip (3/27 – 3/29). Lastly Director Chavez informed the Board of Upper District’s intention to purchase a new office building.
- Ms. Cici shared a Save-the Date flier for the San Gabriel Women’s Foundation annual luncheon to be held on March 19.
- MINUTES** Upon motion by Director Cammarano, and seconded by Director DeLaTorre, the Board voted unanimously to approve the minutes of the regular meeting of the Board of Directors held on January 28, 2020.
- DEMANDS** Upon motion by Director Chan, and seconded by Director Cici, the Board voted unanimously to approve the payment of check numbers 20580 through 20619 from the General Account in the aggregate amount of \$209,106.28 for the January 2020 invoices, and an electronic funds transfer in the amount of \$28,463.30 from the General Account, including check numbers 12043 through 12073, for the Revolving Account reimbursement.
- DISTRICT COUNSEL** District counsel reported regarding the status of the MOU with the City of San Gabriel.
- ACTION** None.
- INFORMATION** The January 2020 Water Well Report was received and filed.

**GENERAL
MANAGER
COMMENTS**

The General Manager reported that the District had hired a temporary employee in the absence of a staff member who is out on Family Medical Leave.

The General Manager followed up on a question posed by a visitor at the previous meeting as to whether a low water user can be told that they may have the opportunity for a reduced sewer tax. The consensus was that the most the District should contemplate is directing customers to the County for any pertinent information.

The General Manager followed up on the "Hydrant Guard" product, reporting that the cost is between \$1500 and \$2500, and that it might make sense for some of the District's more vulnerable hydrants, and that staff would follow up further.

The General Manager reported that the District had renewed its agreement with Civiltec Engineering, at the no increased cost.

The General Manager reported that the Crisis Communication Plan had been completed, and that staff was just awaiting copies.

**FUTURE
AGENDA
ITEMS**

None.

**DIRECTOR
COMMENTS**

Director Cammarano inquired as to whether the Emergency Operation Center had been completed: staff advised that it had been, and there was discussion about a tour of the center in the coming weeks.

ADJOURNMENT

Upon motion by Director Taylor, and seconded by Director Cammarano, the Board voted unanimously to adjourn the meeting.

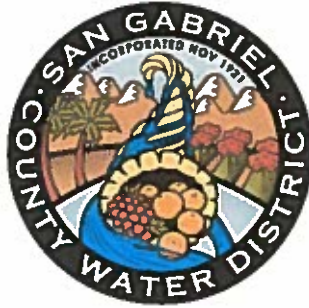
President

Secretary

[SEAL]

EFT-From the General Account for the Revolving Reimbursement

	Date Paid	Amount Paid
Payroll	2/5/2020	\$ 64,728
Board of Director's Payroll	2/11/2020	\$ 445.90
Payroll	2/19/2020	\$ 64,675.66
	Total Amount to be Reimbursed:	\$ 129,849.70



February 25, 2020

To: Board of Directors

From: General Manager

Subject: San Gabriel County Water District Master Plan

This year, during budget planning, the District budgeted \$150,000.00 to have a Master Plan done by Civiltec Engineering. The District's last Master Plan was done in 1986. The state will be mandating that all water agencies have a Master plan. A Master Plan will help set District standards that future developers will have to follow. This is something that we need to do and is a long time coming. It will help us with fire flows, future capital projects and meet State requirements.

Recommendation:

It is staff's recommendation that Civiltec Engineering build San Gabriel County Water Districts Master Plan.



Civil, Water, Wastewater, Drainage, Transportation and
Electrical/Controls Engineering ● Construction Management ● Surveying
California ● Arizona

San Gabriel County Water District
8366 Grand Avenue
Rosemead, CA 91770

February 18, 2020

ATTN: Jim Prior, General Manager

Sent Via Email: jim@sgcwd.com

RE: Proposal for Consulting Engineering Services for
2020 Water Master Plan

Dear Mr. Prior:

Civiltec Engineering, Inc. (Civiltec) appreciates the opportunity to submit this proposal to San Gabriel County Water District (District) for professional engineering services for the above referenced project. We understand this project is for the development of the District's 2019 Water Master Plan (WMP). *Civiltec* will perform all services directly from our Monrovia office.

AUTHORIZED RESPONSIBLE ENGINEERS

Civiltec proposes to assign Mr. David Song, PE, as company representative. He will be responsible for the firm's timely response and quality completion of this project. Mr. Song will be the principal with complete authority to handle all contractual matters, commit *Civiltec's* resources as necessary and take all action necessary to meet your requests. He will be assisted by Mr. Greg Ripperger, PE, as the project engineer. This team has completed numerous similar projects together during the last 5+ years.

SCOPE OF SERVICES

Based on our project understanding and professional experience, we have identified the following scope of services.

Phase 1. Research and Assessment

1.1 Kick-off Meeting

Arrange and conduct a kick-off meeting with the District to discuss the goals and priorities of the study, existing operational issues and expected deliverables, work plan and schedule. It is anticipated that this initial meeting will be a workshop involving the key members of our team and the District's operations and management (O&M) personnel. It will be helpful to identify and discuss existing water system design and operating criteria, thoroughly review the system's components and all operating procedures and conditions, identify all features that are unique, challenging to operate, worst case conditions experienced and areas the District knows where more capacity or better system performance is desired.



1.2 Request for Information (RFI)

Following the kick-off meeting, we will issue a comprehensive RFI including all data needed for the preparation of WMP. The RFI will indicate the required information and the urgency of the information to the master planning effort.

Civiltec will coordinate with the District to collect field data and inspect facilities as necessary to develop an understanding of the existing water system and its performance.

1.3 Evaluation Criteria

Early in the planning process, *Civiltec* will prepare a memo detailing proposed Design Criteria and Planning Criteria based on research of previous planning efforts, industry standards and compliance requirements. We will conduct a workshop involving the key members of the District's management team, Commission members and the public. We will solicit discussion and invite feedback the potential water system design and operating criteria, provide explanations and rationale for the criteria and answer any questions from the attendees. We will incorporate the feedback received from the workshop into the Criteria. Furthermore, we will work with the District staff to establish and adopt the Design Criteria and Planning Criteria to be used as a baseline for determining the adequacy of existing infrastructure.

- **Design Criteria.** Design Criteria deal with parameters related to the proper sizing and configuration of infrastructure from a hydraulic point of view. The concepts of system performance, system redundancy, regulatory compliance and emergency preparedness will be built into the criteria.
- **Planning Criteria.** Planning Criteria deal with parameters related to cyclical infrastructure refurbishment or replacement due to age and condition. The primary concern of Planning Criteria is to establish the practical service life of each system component and a performance indicator to verify whether maintenance or replacement will result in an economic benefit. These performance indicators may include efficiency, reliability and maintenance history.

1.4 Project Meetings

We will plan on conducting multiple meetings with the District management team to keep them informed on our progress and ensure they are involved in the development of the report. We have budgeted for twelve (12) two-hour meetings at the District's offices. We have also included time for general project management and correspondence with the District staff throughout the project.

Phase 2. Land Use and Water Requirements

2.1 Sphere of Influence (SOI)

We will verify and compare the extent of the District's water service areas relative to the associated SOI as currently published by the Local Agency Formation Commission (LAFCO).

2.2 Population Analysis

Based on publicly available data from the Urban Water Management Plan, United States Census, the California Department of Finance (DOF) and the Southern California Association of Governments (SCAG), we will develop a model for population growth.



2.3 Land Use Analysis

We will acquire and review the latest SCAG Land Use Database for Los Angeles County with regards to those parcels served by the District. The SCAG Land Use Database uses a Modified Anderson Land Use Classification System, which represents actual and specific land use based on aerial survey. An analysis of actual land use will reveal the number and type of vacant parcels and will distinguish between the various permitted land uses.

2.4 Water Duty and Unit Demand Factors

We will compute Water Duty Factors and Unit Demand Factors based on correlation of land use data and billing data. A Water Duty Factor defines water use for a specific land use in terms of flow rate per acre (e.g. AFY/acre). A Unit Demand Factor defines water use for a specific land use in terms of flow rate per planning unit (e.g. GPM/medium density residential parcel). Factors will be developed for all statistically significant land use designations.

2.5 Impact of Pending Development (aka Near-Term Development) (Optional Task)

An understanding of near-term development is important to determine an appropriate level of developer contribution. In addition to on-site improvements, developers should be responsible for mitigating off-site impacts to the system.

We will request pending development within the SOI. Based on water duty and unit demand factors, we will estimate the net change in demand associated with pending development and delineate the magnitude and location for each development project.

2.6 Build-out Impacts (Optional Task)

Many system components have a long service life, some in excess of 100 years. An understanding of build-out demand is important to appropriately sizing pipelines, valves and other appurtenances that will eventually experience build-out loading. We will develop the build-out demand based on maximum occupancy of all buildable land within the SOI.

Phase 3. Water Demand (Optional Task)

3.1 Demand Projections

Develop demand projections for the year 2020, 2025 and 2030. The year 2030 is the generally accepted ultimate build out year as established by Regional Planning. We will utilize population projections contained in the Urban Water Management Plan (UWMP) to assist in development of future water demand projections. The growth projection of the UWMP and input from the District will be used to develop projections of demand as well as historical demand data.

3.2 System Demand

Analyze existing and future system demands as they relate to the District water rights, water lease options and Metropolitan Water District of Southern California (MWD) imported water connection capacity.



Phase 4. Model Construction (Optional Task)

4.1 Research and Update Model

We will add any pipes not included in the current model with all information including diameter, length, material, estimated roughness and installation date. We will program all well and booster pumps including elevation, design head and flow per the latest efficiency test, operational settings, pumping water surface of aquifer and installation date. We will program all tanks including base elevation, high water line, dimensions, and construction date.

4.2 Steady State Calibration

Steady state calibration involves adjusting pipe roughness to match actual flow characteristics. Following Water Model construction, we will calibrate it against steady state field data to assure that simulation results reflect actual system performance.

Field testing will be performed at locations to be determined in coordination with City staff. The target tolerance for calibration is plus or minus 5 psi or 5% of static pressure at each test location. The calibration process and the raw field test data will be provided in a final model construction report.

4.3 Demand Allocation for Simulation

If billing data is geo-referenced, we will use the billing data to allocate demands across the system. If it is not, then we will individually allocate demand for the top 10 users and allocate the remaining demand uniformly across the system.

4.4 Steady State Simulation

We will simulate fire flow under MDD conditions at each hydrant location to determine system capacity relative to the fire marshal's requirements. We will simulate conditions that result in maximum and minimum system pressure to identify vulnerable areas. We will simulate conditions that result in high pipe velocities to identify bottlenecks and excessive energy losses.

Phase 5. Supply Analysis (Optional)

5.1 Sources of Supply Review

We will define the supply portfolio serving the needs of the District based on current agreements, rights and contracts. We will examine alternative sources of supply and rate all current and alternative sources of supply in terms of reliability, sustainability and availability.

5.2 Future Supply Requirements

We will evaluate the capacity of current sources of supply against Design Criteria under existing, near-term and build-out demand conditions.

5.3 Supply to Pressure Zones

For purposes of analysis, supply is considered as the sum of all non-emergency sources entering a pressure zone including wells, treatment facilities, booster stations and control valves. We will evaluate the capacity of current supply to each pressure zone against Design Criteria under existing, near-term and build-out demand conditions.



Phase 6. Facility Analysis

6.1 Production Infrastructure

Production infrastructure generally consists of wells, raw water transmission pipelines, treatment and imported water connections. We will evaluate the capacity of production infrastructure against Design Criteria under existing, near-term and build-out demand conditions.

6.2 Emergency Supply Infrastructure

Generally, emergency supply consists of interconnections with neighboring purveyors and secondary connections with wholesalers. We will identify all sources of emergency supply by source, location, direction of flow, capacity, governing agreements and historical usage. We will provide a facility description of each identified emergency supply source.

6.3 Booster Pumping Stations

We will review pump efficiency tests for all booster pumps and evaluate their current performance relative to the manufacturer's performance curves, as available.

6.4 Storage

The storage analysis will focus on the adequacy of existing storage to provide for emergency, firefighting and operational purposes as defined by the Design Criteria under existing, near-term and build-out demand conditions.

6.5 Pressure Reducing Stations

Pressure reducing stations that serve as normal sources of supply to a pressure zone or sub-zone will be evaluated against Design Criteria relative to their capacity to deliver the range of expected normal and emergency flows per the continuous and intermittent flow rating the valve or valves in the station under existing, near-term and build-out demand conditions.

Pressure reducing stations that serve as emergency sources of supply will be evaluated against Design Criteria relative to their capacity to deliver emergency flows per the intermittent flow rating of the valve or valves in the station while operating in tandem with other emergency sources under existing, near-term and build-out demand conditions.

6.6 SCADA/Telemetry

We will review the coverage, quality and extent of data collected and archived by the SCADA or other telemetry system with respect to operational flexibility and efficiency.

Phase 7. Distribution System Analysis

7.1 Transmission Pipelines

Transmission pipelines are intended to efficiently transport large volumes of water between facilities. We will examine the efficiency and capacity of these pipelines to deliver normal flow under existing, near-term and build-out demand conditions.

7.2 Distribution Pipelines

Distribution pipelines are intended to deliver water to end users and fire hydrants. We will examine the efficiency and capacity of these pipelines to deliver normal and emergency flow under existing, near-term and build-out demand conditions.

7.3 Grid Connectivity (Optional Task)

Connectivity, or the degree to which pipelines form an interconnected grid, describes a distribution system's redundancy. By providing multiple pathways for water to reach end users, a high level of connectivity results in a robust system that provides flexibility to respond to emergency and maintenance issues. We will examine connectivity by performing a pipe break analysis (i.e. simulate the removal of each pipe in the water model in turn) to identify potential bottlenecks and other vulnerabilities.

7.4 Impact of Continuous Barriers (Optional Task)

We will examine the impact of continuous barriers on system efficiency, connectivity and redundancy. Continuous barriers include flood control channels, streams, railroad tracks, mountain ridges, legal boundaries, large parcels (e.g. industrial and government complexes, utilities, school campuses, golf courses, parks and other open space) and so on.

Phase 8. Energy Analysis (Optional)

8.1 Assessment of System-wide Requirements

We will estimate system wide energy requirements based on our understanding of operations and through analysis of historical records. This will provide a benchmark for evaluating and comparing recommendations.

8.2 Feasibility of Implementing Alternative Sources of Energy

We will summarize the conclusions of the Alternative Energy Feasibility Study within the context of water system operations.

8.3 Energy Recommendations

We will recommend administrative, operational and capital improvements to the energy supply as determined by the Alternative Energy Feasibility Study and by application of evaluation criteria.

Phase 9. Planning Analysis (Optional)

The Planning Criteria uses two factors to identify system components whose replacement would create a net benefit. The first factor is age and is derived from the average historical replacement cycle for a system component. This implies that some components are replaced prior to the average cycle and others last longer than the average cycle. As such, age by itself is insufficient to determine whether a system component should be replaced. The second factor is a performance indicator. As performance drops off, the benefit of replacement increases. A combination of age and performance provides a solid foundation to determine the benefits of replacement.

9.1 Replacement Budgeting and Scheduling

Based on condition and performance of the existing assets, we will estimate the cost of expected infrastructure replacement for budgeting and develop a replacement schedule.



9.2 Capital Replacement Projects

~~We will develop a methodology for identifying capital replacement projects for wells, pipelines, pumps and tanks.~~

9.3 Cyclical Maintenance Requirements

~~We will develop a methodology to identify cyclical maintenance requirements for tank coatings, pump overhauls, valve refurbishments, meter replacement and maintenance of other appurtenances.~~

Phase 10. Operations and Maintenance Assessment (Optional)

10.1 Review Monitoring

~~We will review methods for monitoring system performance and identifying issues that may require attention.~~

10.2 Identify Opportunities for Optimization

~~We will review system operations with respect to efficient use of assets, cost management, personnel management, energy management and use of data and telemetry. We will discuss options for optimization.~~

10.3 Review Compliance Requirements

~~We will review levels of training and certification of operations staff members and recommend areas where improvement would increase flexibility. We will review manuals and operational guidance for comprehensiveness.~~

Phase 11. Capital Improvement Program (CIP)

11.1 Cost Estimating Framework

We will establish a uniform cost estimating methodology suitable for planning purposes. To the extent feasible, the methodology will be based on historical records provided by the District and Civiltec's experience with related projects.

11.2 Identification of Deficiencies

Based on hydraulic evaluation and cyclical replacement analysis, we will identify system deficiencies and recommend mitigation as a series of projects and programs. Each project or program will be discussed individually and include a description, justification, priority, cost estimate and map showing its extent. As applicable, project descriptions may also include opportunities for synergy, alternative solutions, qualification for alternative funding options and recommendations for field verification or further study.

11.3 Presentation of the CIP

We will present the CIP graphically as a map of the service area with individual projects identified by name and type.

We will present the CIP in tabular form by type in accordance with the District's preferences for organization and budgeting.



Phase 12. WMP Preparation

12.1 Draft Report

Civiltec will issue and present a draft report for review by the District in PDF electronic format. We will respond to comments on the draft report and make revisions as necessary.

12.2 Final Report

Civiltec will issue and present a final report to the District in a composite electronic format in PDF, original Microsoft Word and Microsoft Excel files, with approximately 10 hard copies.

12.3 Pressure Zone Maps and Hydraulic Profiles (Optional)

We will create maps and hydraulic profiles for the distribution system as a whole and for each individual pressure zone. The maps will include the pressure zone boundaries, locations and designations of facilities, transmission pipelines and primary arterials. The hydraulic profiles will include the elevations and composition of all sources of supply entering and leaving each pressure zone; the base elevation, high water line and usable volume of all storage facilities; and the service elevation range for each pressure zone and subzone. These data sources are intended to facilitate maintenance, emergency preparedness, development, troubleshooting and facility design.

Civiltec will compile and issue a comprehensive report that identifies and discusses the targeted goals, processes for assessing those goals and recommendations for achieving them. The report will be prepared in Microsoft Word and Microsoft Excel. The following is a preliminary outline of the report:

Preface - Executive Summary

- Summary
- Conclusions
- Recommendations

Chapter 1. Introduction

- General Description
- Study Area
- Scope of Report
- Abbreviations
- Acknowledgments

Chapter 2. Land Use and Water Requirements

- General Description
- SOI
- Water Deliveries
- Sources of Water - Existing and Proposed
- Land Use Analysis

- Population Analysis
- Impact of Pending Development

Chapter 3. Source of Supply

- General Description
- Water Rights and Agreements
- Water Quality
- Water Reliability, Sustainability, and Availability
- Supply Maximization

Chapter 4. Existing Water System

- General Description
- Facilities
- Distribution System



Chapter 5. Asset Analysis

- Replacement Budgeting and Scheduling
- Cyclical Maintenance Requirements
- Capital Replacement Projects

Chapter 6. Operations & Maintenance Programs

- General Description
- Evaluation of Existing Programs
- Optimization
- Risk Management
- Recommendations for Program Improvements

Chapter 7. Design Criteria and Planning Criteria

- General Description
- Study Period

- Design Criteria
- Planning Criteria

Chapter 8. Analysis and Proposed Improvements

- General Description
- Supply Analysis
- Energy Analysis
- Facility Analysis
- Distribution Analysis
- Evaluation based on Age and Condition
- Impact of Near-term Development
- Identification of Recommended Projects
- Capital Improvement Program (CIP)

Appendices – List of Tables, Figures and Plates

Civiltec will issue and present a final report to the District. Issuance of the final report will include a composite electronic format in PDF, original Microsoft Word and Microsoft Excel files, and 10 spiral bound hard copies.

SCHEDULE

Civiltec is available to commence this project immediately. Based on the scope of work described previously, we can complete this project in 8 months.



FEE DISTRIBUTION SCHEDULE

Professional fees for the above-described services will be billed on a time and materials, not to exceed basis as summarized on the next page. A breakdown of hours and fees is included as Attachment A.

Phase 1: Research and Assessment.....	\$24,720.00
Phase 2: Land Use and Water Requirements.....	\$23,930.00
Phase 3: Water Demand (Optional)	\$11,160.00
Phase 4: Model Construction (Optional)	\$17,240.00
Phase 5: Supply Analysis (Optional)	\$11,460.00
Phase 6: Facility Analysis.....	\$20,300.00
Phase 7: Distribution System Analysis.....	\$17,780.00
Phase 8: Energy Analysis (Optional).....	\$24,860.00
Phase 9: Planning Analysis (Optional).....	\$12,140.00
Phase 10: Operations and Maintenance Assessment (Optional).....	\$18,350.00
Phase 11: Capital Improvement Program (CIP).....	\$15,620.00
Phase 12: Water Master Plan Preparation.....	\$19,470.00
Total (with Options)	\$146,060.00

If this proposal is acceptable, please return a signed copy to our office. Again, thank you for the opportunity to submit this proposal. We look forward to working with you on this exciting project. Please contact the undersigned directly with any comments or questions.

Sincerely,

CIVILTEC engineering, inc.
David Song, PE
Principal, Senior Project Manager

Attachment(s): A – Breakdown of Hours and Fees

Proposal Acceptance:

The Terms and Conditions of this proposal are:

Accepted this _____ day of _____, 20**20**

By Authorized Client Representative:

_____ Jim Prior, General Manager _____ Date _____



**SAN GABRIEL COUNTY WATER DISTRICT
BANKING & INVESTMENT REPORT
January 2020**

Cash & Investments	
LAIF Investment	\$ 10,475,336
<i>LAIF Interest Rate</i>	<i>1.96%</i>
Time-Value Investment	\$ 1,566,052
Citizens Bank - General	\$ 3,321,122
Citizens Bank - Revolving	\$ 171,537
Citizens-Bank - Safety Lunches	\$ 20,269
Xpress Bill Pay Holding (Online)	\$ 36,555
Citizens Bank - General/Revolving & Other	\$ 3,549,484

**I hereby certify that the forgoing is true and correct and in accordance with the District's Investment Policy.*

Date: 2/25/2020

 Treasurer

	<u>Jan-19</u>	<u>YTD Jan-19</u>	<u>Jan-20</u>	<u>YTD Jan-20</u>
Cash Receipts	\$ 734,318	\$ 734,318	\$ 822,383	\$ 822,383
Disbursements	\$ 443,200	\$ 443,200	\$ 498,310	\$ 498,310
Water Sales	\$ 664,146	\$ 664,146	\$ 720,670	\$ 720,670
		<i>Meter Charges</i>	\$ 268,693	
		<i>Water Charges</i>	\$ 451,978	
		<i>Total</i>	\$ 720,670	