



# 2019

## LYON & SIOUX RURAL WATER SYSTEM, INC.

Independent Auditor's Reports  
Basic Financial Statements  
Supplementary Information  
Schedule of Findings

December 31, 2019

Prepared By:

**De Noble, Austin & Company PC**

121 South Story Street

Rock Rapids, Iowa 51246

LYON & SIOUX RURAL WATER SYSTEM, INC.

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December 31, 2019

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LYON & SIOUX RURAL WATER SYSTEM, INC.

Officers, Directors and Employees

December 31, 2019

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**Officers / Board of Directors**

<u>Name</u>	<u>Title</u>	<u>Term Expires</u>
Paul Habbinga	President	2021
Jerry Van Voorst	Vice President	2022
Cory Altena	Secretary	2023
Larry Van Roekel	Treasurer	2023
Ryan Warner	Board Member	2023
Craig Metzger	Board Member	2021
Barry Pollema	Board Member	2021
Bruce Bonander	Board Member	2022
Tyler Klaassen	Board Member	2022

**Employees**

<u>Name</u>	<u>Title</u>
Bonnie Koel	Manager
Dave Harmsen	Supervisor of Operations
Bruce Fick Todd Vande Kop Waylon Vande Kop Travis Van Otterloo	Treatment Plant – Distribution Operators
Cheryl Hulstein Tami Schweitzer	Office Staff



# De Noble, Austin & Company PC

CERTIFIED PUBLIC ACCOUNTANTS



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## Independent Auditor's Report

To the Board of Directors of the  
Lyon & Sioux Rural Water System, Inc.:

### Report on the Financial Statements

We have audited the accompanying financial statements of Lyon & Sioux Rural Water System, Inc. (a nonprofit organization), which comprise the statements of financial position as of December 31, 2019 and December 31, 2018, and the related statements of activities and cash flows for the calendar years then ended, and the related notes to the financial statements.

### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

### Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of Lyon & Sioux Rural Water System, Inc. as of December 31, 2019 and December 31, 2018, and the changes in its net assets and its cash flows for the calendar years then ended in accordance with accounting principles generally accepted in the United States of America.

### MEMBERS

American Institute - Certified Public Accountants | Private Companies Practice Section | Iowa Society - Certified Public Accountants

**Other Matters***Other Information*

Our audits were conducted for the purpose of forming an opinion on the financial statements as a whole. The accompanying information related to calendar years 2019 and 2018, which includes the schedules of statistical information, is presented for purposes of additional analysis and is not a required part of the financial statements. The accompanying schedule of operating expenses, schedule of insurance policies in effect and statistical information, are presented for purposes of additional analysis are not a required part of the financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the 2019 and 2018 financial statements. The information has been subjected to the auditing procedures applied in the audits of the financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the financial statements or to the financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the information is fairly stated, in all material respects, in relation to the financial statements for the calendar years ended December 31, 2019 and December 31, 2018, as a whole.

**Other Reporting Required by Government Auditing Standards**

In accordance with *Government Auditing Standards*, we have also issued our report dated March 17, 2020, on our consideration of Lyon & Sioux Rural Water System, Inc.'s internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of Lyon & Sioux Rural Water System, Inc.'s internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards in considering Lyon & Sioux Rural Water System, Inc.'s internal control over financial reporting and compliance.

*De Noble, Austin & Company PC*

De Noble, Austin & Company PC  
Certified Public Accountants  
Rock Rapids, Iowa

March 17, 2020

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# Basic Financial Statements

Lyon & Sioux Rural Water System, Inc.

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**Exhibit A – Statements of Financial Position**

December 31, 2019 and 2018

	<u>2019</u>	<u>2018</u>
<b><u>Assets</u></b>		
<b>Current Assets:</b>		
Cash	\$ 47,159	\$ 30,010
Investments	318,676	108,319
Accounts Receivable	301,087	279,957
Notes Receivable – Current Portion	33,371	31,985
Accrued Interest Receivable	2,938	3,558
Inventory	181,945	166,999
Prepaid Insurance	40,387	36,680
Prepaid Expenses	6,062	5,175
<b>Total Current Assets</b>	<u>931,625</u>	<u>662,683</u>
<b>Fixed Assets (Net):</b>		
Fixed Assets	37,794,567	37,150,147
Less Accumulated Depreciation	<u>( 15,054,700)</u>	<u>( 14,365,316)</u>
<b>Total Fixed Assets (Net)</b>	<u>22,739,867</u>	<u>22,784,831</u>
<b>Other Assets:</b>		
Investments – Debt Covenants	517,609	502,765
Investments – Capital Improvements Reserve	250,000	0
CoBank Stock	68,430	80,771
Notes Receivable – Net of Current Portion	647,291	680,662
<b>Total Other Assets</b>	<u>1,483,330</u>	<u>1,264,198</u>
<b>Total Assets</b>	<u>\$ 25,154,822</u>	<u>\$ 24,711,712</u>



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See Notes to Financial Statements.

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**& SIOUX RURAL WATER SYSTEM, INC.**

Basic Financial Statements

**Exhibit B – Statements of Activities**

For the Calendar Years Ending December 31, 2019 and 2018

	<b>Unrestricted</b>			
	<b>2019</b>		<b>2018</b>	
	3,104,613	85.8%		
	( 2,222,403)	(61.4)%		
	882,210	24.4%		
		1.4%		
	49,275			
	22,001	0.6%		
	8,070	0.2%		
	49,144	1.4%		
	0	0.0%		
	55,534	1.5%		
	( 406,059)	(11.2)%		
	( 222,035)	( 6.1)%		
<b>Water Sales</b>	\$ 3,618,716	100.0%	\$ 3,209,925	100.0%
<b>Cost of Water Purchased</b>	( 514,103)	(14.2)%	( 478,367)	(14.9)%
<b>Gross Profit on Sales</b>			2,731,558	85.1%
<b>Operating Expenses</b>			( 2,092,287)	(65.2)%

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<b>Net Income From Operations</b>			639,271	19.9%
<b>Other Income (Expense):</b>				
Interest Income			49,843	1.6%
Finance Charges			19,159	0.6%
Patronage Dividends			8,950	0.3%
Gain on Trade-In of Fixed Assets	0	0.0%	Net Change in Fair Value of Investments	0
		0.0%		
Miscellaneous Income			55,672	1.7%
Interest Expense			( 413,090)	(12.9)%
<b>Total Other Income (Expense)</b>			<u>( 279,466)</u>	<u>( 8.7)%</u>
<b>Changes in Net Assets</b>	660,175	18.3%	359,805	11.2%
<b>Net Assets Beginning of Year</b>	8,062,920		7,703,115	
<b>Net Assets End of Year</b>	<u>\$ 8,723,095</u>		<u>\$ 8,062,920</u>	

See Notes to Financial  
Statements.

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**Exhibit C – Statements of Cash Flows**

For the Calendar Years Ending December 31, 2019 and 2018

17,491

( 588,247)**Cash Flows From (Used By) Operating Activities:**

Changes in Net Assets	\$ 660,175	\$ 359,805
Adjustments to Reconcile Changes in Net Assets to Net Cash Provided From Operating Activities:		
Depreciation	787,970	750,681
Gain on Trade-In of Fixed Assets	( 49,144)	0
Net (Increase) in Accounts Receivable	( 21,130)	( 22,357)
Net (Increase) Decrease in Accrued Interest Receivable	620	( 126)
Net (Increase) in Inventory	( 14,946)	( 5,672)
Net (Increase) in Prepaid Insurance	( 3,707)	( 474)
Net (Increase) Decrease in Prepaid Expenses	( 887)	524
Net (Decrease) in Accounts Payable	( 17,069)	( 11,630)
Net Increase (Decrease) in Accrued Payroll Liabilities	244	( 2,339)
Net (Decrease) in Accrued Sales Taxes	( 20)	( 801)
Net Increase in Accrued Compensated Absences	5,257	869
Net Increase (Decrease) in Accrued Interest	4,401	( 5,390)
<b>Net Cash Flow Provided From Operating Activities</b>	<b>1,351,764</b>	<b>1,063,090</b>

**Cash Flows From (Used By) Investing Activities:**

Purchases of Fixed Assets	( 693,862)	( 798,502)
Net (Increase) Decrease in Investments – Brokerage Account	( 210,357)	168,110
Payments Received on Notes Receivable	31,985	40,230
(Increase) in Investments – Debt Covenants	( 264,844)	( 15,576)
Decrease of CoBank Stock	<u>2019</u>	<u>2018</u>
	12,341	

**Cash Flows From (Used By) Financing Activities:**

Payments on Notes Payable	( 324,115)	( 482,510)
Issuance of Notes Payable	108,247	0
Membership Certificates Issued	7,740	11,610
Membership Certificates Retired	( 1,750)	( 2,150)

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<b>Net Cash Flow Used By Financing Activities</b>	( 209,878)	( 473,050)
<b>Net Cash Flow Used By Investing Activities</b>	( 1,124,737)	

_____	_____
_____	_____

**& SIOUX RURAL WATER SYSTEM, INC.**

Basic Financial Statements

**Exhibit C – Statements of Cash Flows**

For the Calendar Years Ending December 31, 2019 and 2018

<b>Net Increase in Cash and Cash Equivalents</b>	17,149	1,793
<b>Cash and Cash Equivalents Balance - Beginning of Year</b>	30,010	28,217
	<u>2019</u>	<u>2018</u>
<b>Cash and Cash Equivalents Balance - End of Year</b>	\$ 47,159	\$ <u>30,010</u>
<b>Supplemental Disclosures of Cash Flow Information:</b>		
Cash Payments for Interest Expense	\$ <u>401,658</u>	\$ <u>418,481</u>

**Supplemental Schedule of Noncash Investing and Financing Activities:**

The Organization did not trade in any vehicles or equipment during calendar year 2018. The Organization traded in two pickup trucks and an SUV during calendar year 2019 for \$62,450. The \$62,450 went directly toward the purchase of two pickup trucks and a new SUV.

See Notes to Financial Statements.

## LYON & SIOUX RURAL WATER SYSTEM, INC.

Basic Financial Statements

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### **Notes to Financial Statements**

December 31, 2019 and 2018

#### **Note 1: Nature of Operations and Economic Dependency (Concentration)**

Lyon & Sioux Rural Water System, Inc. (hereafter – Organization) is organized and operates as an Iowa nonprofit corporation whose mission is to provide high quality water and service to the members of the Organization at the lowest possible cost, consistent with sound business practices.

The Organization distributes water to rural residents in Lyon & Sioux Counties of Iowa, as well as the Cities of Alford, Boyden, Doon, Inwood, Lester, Matlock and Larchwood, Iowa. The Organization purchases water from the City of Rock Rapids, the Rock Valley Rural Water System, and the Lewis and Clark Water System per written contracts. The contracts expire on January 18, 2023, , and , respectively. Water purchases from the City of Rock Rapids for the years ending December 31, 2019 and 2018 were \$219,258 and \$204,800 respectively; and \$276,251 and \$257,734 from the Lewis and Clark Water System in 2019 and 2018, respectively. Accordingly, the

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Organization is dependent upon these entities and economic/drought conditions within this limited geographical area.

## **Note 2: Income Tax Status / Uncertain Tax Positions**

In 1978, the Organization received final approval for recognition as a tax-exempt organization under Internal Revenue Code Section 501(c)(12). This exemption is contingent upon the Organization maintaining water sales to members of at least 85% of total revenue. For both the 2019 and 2018 calendar years, the 85% requirement has been satisfied and the Organization did not conduct any unrelated business activities. Accordingly, no provision for Federal or state income taxes is reported in the accompanying financial statements.

The Organization has evaluated for uncertain tax positions and management has expressed there are no uncertain tax positions as of December 31, 2019. Tax returns for the past three tax years remain open for examination by tax jurisdictions (calendar years 2018, 2017 and 2016 as of the audit report date).

## **Note 3: Summary of Significant Accounting Policies**

This summary of significant accounting policies is presented to assist in understanding the Organization's financial statements. The financial statements and notes are representations of the Organization's management who is responsible for their integrity and objectivity. These accounting policies conform to generally accepted accounting principles and have been consistently applied in the preparation of the financial statements.

### **Basis of Accounting**

Basis of accounting refers to when revenues and expenses are recognized in the accounts and reported in the financial statements. Basis of accounting relates to the timing of the measurements made, regardless of the measurement focus applied.

The general accounting records are kept and the accompanying financial statements have been prepared on the accrual basis of accounting. Under this method of accounting, income is recognized when earned and expenses are recognized when incurred.

### **Cash and Cash Equivalents**

The cash account in the statements of financial position represents money held in a checking account and petty cash. For purposes of the statements of cash flows, all short-term cash investments that are highly liquid are considered to be cash equivalents. Cash equivalents are readily convertible to known amounts of cash. Certificates

of deposit maturing within a year are classified as current assets and certificates of deposit with a maturity longer than a year, if any, would be classified as other assets. The Organization does not consider the assets held as current investments to be cash equivalents. Current investments consist of brokerage and annuity investments not restricted for debt covenants. The Organization considers all cash, non-brokerage account money markets and non-brokerage account certificates of deposits classified as current to be cash and cash equivalents for purposes of the statements of cash flows.

### Accounts Receivable / Bad Debts

Accounts receivable is recorded at the amount the Organization expects to collect on balances outstanding at the end of the calendar year. As disclosed above, the Organization has major concentrations of clientele located in Lyon & Sioux Counties. The Organization does not require collateral or other security to support the amounts recognized in the statements of financial position for accounts receivable. Management closely monitors outstanding balances and determines the need for write-offs. As of December 31, 2019, and 2018, all balances are deemed to be collectible as all deemed uncollectible accounts have been written-off by management.

Water sales are determined through a computerized system. Meter readings are taken on the first of each month and the computer determines the customer's charge based on the gallons of water used and the rate schedule in effect. Remittances are to be made on or before the fifteenth of each month. Amounts that have been billed are generally deemed due (current) within thirty days of the invoice date. Accounts receivable balances outstanding over 30 days are considered past due.

The following details the aging of accounts receivable as of December 31, 2019 and 2018:

<b>Aged Balances (From December 31, 2019</b>	<b>Amount</b>	<b>Per</b>	<b>Amount</b>	<b>Percentage</b>
<b>December 31, 2018 Date of Invoices)</b>	\$ 295,126		\$ 260,419	93.02%
0 to 30 Days	5,572		3,864	1.38%
31 to 60 Days	302		15,596	5.57%
61 to 90 Days	87		78	0.03%
Over 90 Days	<b>\$ 301,087</b>		<b>\$ 279,957</b>	<b>100.00%</b>
<b>Total</b>				

### Inventory

Inventory is valued at the lower of cost or market using the first-in, first-out method for pipe, meters, regulators, etc. on hand at December 31, 2019 and 2018. The inventory is used for repairs on the water distribution system and is expensed when used.

### Fixed Assets

Fixed assets are recorded at the cost of acquisition and, if purchased, or the total cost of construction, if built/constructed. Depreciation is expensed using a 40-year life for the fixed components of the water distribution system, 27 to 30-year life for the building components and 15-year life for the parking lot and five to ten years for vehicles, office furniture/fixtures and equipment. The straight-line method of depreciation is used on all assets. When assets are sold or otherwise disposed of, the cost and related accumulated depreciation are removed from the accounts and any gain or loss on disposal is recognized in operations for the period.

Construction work in progress consists of costs incurred for construction of new water distribution systems. Interest costs have not been capitalized since it is the Organization's policy to not capitalize interest costs on assets constructed.

Fixed assets/accumulated depreciation of the Organization as follows as of December 31, 2019 and 2018 and the related depreciation expense for the calendar year then ended by category/classification are as follows:

<b>December 31, 2019</b>	<b>Cost</b>	<b>Accumulated Depreciation</b>	<b>Depreciation Expense</b>
Land	\$ 2,980,145	0	0
Building / Parking Lot	295,425	172,740	9,752
Water Distribution System	33,524,196	14,253,554	689,483
Vehicles	249,754	101,620	49,911
Office Furniture & Fixtures	106,126	90,256	4,020
Equipment	627,223	436,530	34,804
Construction in Progress <b>Total</b>	11,698	0	0
	<b>\$ 37,794,567</b>	<b>15,054,700</b>	<b>787,970</b>

<b>December 31, 2018</b>	<b>Cost</b>	<b>Accumulated Depreciation</b>	<b>Depreciation Expense</b>
Land	\$ 2,980,145	0	0
Building / Parking Lot	295,425	162,987	9,752
Water Distribution System	32,965,949	13,564,070	668,111
Vehicles	237,375	150,296	44,786
Office Furniture & Fixtures	103,011	86,236	3,129
Equipment	558,475	401,727	24,903
Construction in Progress <b>Total</b>	9,767	0	0
	<b>\$ 37,150,147</b>	<b>14,365,316</b>	<b>750,681</b>

### **Compensated Absences**

The Organization policy allows for employees to accumulate a limited amount of earned but unused vacation benefits. Based on rates of pay for calendar years 2019 and 2018, respectively, the estimated vacation liability was \$9,281 as of December 31, 2019 and \$4,024 as of December 31, 2018.

The Organization also allows employees to earn one day of sick leave per month, which can be accumulated to a maximum of twenty-four days. These benefits are allowed for illness only, and upon termination of employment, any accumulated days are forfeited. As of December 31, 2019, and 2018, the maximum liability for sick pay was \$22,717 and \$21,152, respectively. No amounts have been included in the accompanying financial statements for accumulated sick pay.

### **Capital Structure (Membership Equity) / (Contributed Capital)**

The Organization's capital structure consists of membership certificates. When a customer initially joins the system, a \$430 membership fee is charged to the customer. When the system was originally organized, the membership fee was \$230. If a customer becomes delinquent on their water bill, the amount due can be deducted from their membership fee.

The following detail presents the activity in the Membership Certificates account during the calendar years ended December 31, 2019 and 2018:

	<b>2019</b>	<b>2018</b>
Membership Issued	\$ 7,740	11,610
Membership Certificates	( 1,750)	( 2,150)
<b>Total Change in Membership Certificates</b>	<b>\$ 5,990</b>	<b>9,460</b>

Contributed capital represents the total amount that the Organization has received from governmental entities as contributions toward capital costs. There were no contributions received during 2019 or 2018 by governmental entities toward capital costs.

### **Use of Estimates**

The Organization's financial statements have been prepared in conformity with accounting principles generally accepted in the United States of America. Accordingly, the Organization is required to make estimates, judgments, and assumptions that are believed to be reasonable based on contract terms, observance of known trends and information available from outside sources. The Organization's estimates affect the reported amounts of assets, liabilities, revenues/other income and expenses. The Organization's estimates are evaluated on a regular basis. Actual results may differ from those estimates.

### **Financial Instruments**

Organization financial instruments consist of cash, investments and notes receivable for which the carrying amounts approximate reported in the statements of financial position fair values. The net increase (decrease) in fair value for the calendar year on all financial instruments is reported in the statements of activities. The estimated fair value amounts have been determined using available market information and appropriate valuation methodologies. Considerable judgment is often necessary in interpreting market data to develop the estimates of fair value. The use of different market assumptions and/or estimation methodologies may have a material effect on the estimated fair value amounts.

### **Sales Taxes**

Sales taxes required to be charged on customer billings and remitted to the appropriate state are reported in the statements of financial position as part of the accounts - accounts receivable and accrued liabilities: sales taxes. These sales tax charges and remittances do not affect the revenues/other income and expenses reported in the statements of activities.

### **Collateralization of Assets**

Please see "Note to Financial Statements 9" for details as to which assets have been pledged and the extent those assets have been pledged as collateral for notes payable.

### **Note 4: Notes Receivable**

The Organization has entered into a water sales agreement with the City of Doon, Iowa. As part of this agreement, the City of Doon has contributed \$423,751 for the capital cost of providing water to the City. A note receivable was issued for the entire amount of the contribution. The note accrues interest at a rate of 4.25% and is due in monthly payments of principal and interest of \$2,474. This note began in January 2008 and is scheduled to go until April 2027. As of December 31, 2019, and 2018, the outstanding balance was \$174,521 and \$197,037, respectively.

The Organization has entered into a water sales agreement with the City of Boyden, Iowa. As part of this agreement, the City of Boyden has contributed \$530,000 for the capital cost of providing water to the City. A note receivable was issued to the City of Boyden for \$591,157 (\$530,000 for the capital costs plus \$61,157 for additional internal construction in the City of Boyden). The note accrues interest at a rate of 4.25% with monthly payments of \$2,600

including principal and interest. This note began in January 2010 and is scheduled to go until June 2047. As of December 31, 2019, and 2018, the outstanding balance was \$506,141 and \$515,610, respectively.

Anticipated annual principal receipts on these two notes receivable as of December 31, 2019 are as follows:

Calendar Year 2020	Principal Receipts
	\$ 33,371
2021	34,817
2022	36,326
2023	37,901
2024	40,050
Thereafter	498,197
<b>Total</b>	<b>\$ 680,662</b>

#### Note 5: Concentrations of Credit Risk of Financial Instruments

The Organization maintains bank accounts at various local financial institutions that are members of the Federal Deposit Insurance Corporation (FDIC) which provides \$250,000 in insurance coverage. Any amount invested in a financial institution in excess of the FDIC coverage is at risk should a financial institution fail. Balances in these accounts did not exceed the amount covered by FDIC in any financial institution during calendar year 2019 or 2018. The notes receivable with the Cities explained in “Note to the Financial Statements 4” are all essentially unsecured; therefore, the entire \$680,662 is at risk.

#### Note 6: Investments and Notes Receivable

Investments and the note receivable are reported at cost at December 31, 2019 and are summarized as follows:

Investments	Cost	Fair Market Value	Carrying Value
Held Until Maturity:			
Money Markets	\$ 464,912	464,912	464,912
Certificates of Deposit – Locally Held	41,796	41,796	41,796
Certificates of Deposit – Brokerage Account Held	260,958	234,387	260,958
Annuity	318,619	318,619	318,619
<b>Total Investments</b>	<b>\$ 1,086,285</b>	<b>1,059,714</b>	<b>1,086,285</b>

Notes Receivable	Cost	Fair Market Value	Carrying Value
Held Until Maturity:			
Notes Receivable – Cities	680,662	680,662	680,662
<b>Total Notes Receivable</b>	<b>\$ 680,662</b>	<b>680,662</b>	<b>680,662</b>

The investments and notes receivable generated interest income of \$49,275 during the calendar year 2019. The money markets and certificates of deposit locally held cost and fair market value/carrying value remained equal; the brokerage account held certificates of deposit fair market value increased \$28,701 from the prior year; and the notes receivable cost and fair market value are deemed to be the same. As of December 31, 2019, the certificates of deposit and other investments valued at \$318,676 are deemed to be current assets. The remaining \$767,609 of investments

is made up of \$517,609 in the other asset: investments – debt covenants account and \$250,000 in the other asset: investments – capital improvements reserve account.

### Fair Value Measurements

Accounting Standards Codification (ASC) Topic 820, Fair Value Measurements, defines fair value as the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. Topic 820 also specifies a fair value hierarchy, which requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard describes three levels of inputs that may be used to measure fair value:

**Level 1** – Observable inputs such as quoted prices in active markets for identical assets or liabilities.

**Level 2** – Observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.

**Level 3** – Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

In determining the fair value, the Organization utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible. Following is a description of the valuation methodologies used to measure fair value. The carrying amounts of money market accounts and certificates of deposit held locally are a reasonable estimate of the fair value of the money markets and certificates of deposit. The certificates of deposit that are held in a brokerage account are valued at the closing price reported on the active markets on which the certificates of deposit are traded. The fair value of each note receivable is estimated to equal the carrying amount of each receivable.

The following table presents the fair value measurements of assets recognized in the Organization’s accompanying Statements of Financial Position measured at fair value on a recurring basis and categorized into the fair value hierarchy as of December 31, 2019:

	Fair Value Measurements at Reporting Date Using		
	Fair Value	Quoted Prices in Active Markets for Identical Assets (Level 1)	Unobservable Inputs (Level 3)
Money Markets	\$ 464,912	464,912	N/A
Certificates of Deposits – Locally Held	41,796	41,796	N/A
Certificates of Deposits – Brokerage Account Held	234,387	234,387	N/A
Annuity	318,619	318,619	N/A
Notes Receivable	680,662	N/A	680,662

### Note 7: Investments – Debt Covenants

The Organization has a loan resolution with CoBank, which is shown on the statements of financial position as investments – debt covenants. The Organization was required to set aside 10% of its monthly principal and interest payments until the restricted balance reached \$30,000 (as amended in 2005). If the Organization should ever reduce

this restricted balance, annual restrictions will again be required until the reserve is replenished. As of December 31, 2019, and 2018, the entire \$30,000 balance was maintained.

The Organization also has five loan resolutions with the United States Department of Agriculture – Rural Development (RDA) requiring monthly set asides, which are also shown on the investments- debt covenants. Under the resolutions, the Organization is required to set aside monthly for each loan until it has accumulated the required reserve. As of December 31, 2019, loan 91-11 has a reserve balance of \$86,016, loan 91-13 has a reserve balance of \$68,820, loan 91-15/91-16 has a reserve balance of \$272,160, and loan 91-18 has a reserve balance of \$60,613 (total reserve balances of all RDA loans is \$487,609). For the loans 91-11, 91-13, and 91-15/91-16, the reserve balances meet the maximum reserve balance requirements. If Lyon & Sioux Rural Water System, Inc. should reduce these reserve balances, monthly set asides would again be required until the reserve is replenished. The resolution for loan 91-18 requires that \$1,237 per month is placed into reserve until the maximum reserve balance of \$148,440 is reached. As of December 31, 2019, and 2018, the Organization has complied with the requirements under the loan resolutions for each of the loans with the RDA.

**Note 8: Pension Plans**

The Organization has a pension plan which covers all of the Organization’s employees. The plan is designed as an Individual Retirement Account for each employee whereby the Organization contributes 6% of each employee’s annual salary to the plan. The plan is 100% vested immediately to the employee and withdrawal of benefits can be made at any time at the employee’s discretion. Pension plan expense for the Organization for the years ended December 31, 2019 and 2018, was \$24,611 and \$22,293, respectively.

**Note 9: Notes Payable**

At December 31, 2019 and 2018, the Organization was indebted to an individual, the Iowa Finance Authority (IFA), CoBank, and the United States Department of Agriculture – Rural Development (RDA). Notes payable consisted of the following at December 31, 2019 and 2018:

	2019	2018
A note payable to RDA with a 4.25% interest rate; due in monthly installments of principal and interest of \$7,168 through August 2043. This note is collateralized by substantially all assets of the Organization.	\$ 1,279,998	1,310,899
A note payable to RDA with 4.25% interest rate; due in monthly installments of principal and interest of \$5,735 through August 2043. This note is collateralized by substantially all assets of the Organization.	1,023,923	1,048,650
A note payable to RDA with a 4.25% interest rate; due in monthly installments of principal and interest of \$13,440 through March 25, 2048. This note is collateralized by substantially all assets of the Organization.	2,643,318	2,691,148

A note payable to RDA with a 4.125% interest rate; due in monthly installments of principal and interest of \$9,240 through March 25, 2048. This note is collateralized by substantially all assets of the Organization.

1,767,641 1,804,770

A note payable to RDA with a 2.625% interest rate; due in monthly installments of principal and interest of \$12,112 through November 2, 2055. This note is collateralized by substantially all assets of the Organization.

3,374,303 3,430,269

A note payable to IFA with a 1.75% interest rate as of December 31, 2019; payments of interest due semiannually on June 1 and December 1 of each year; annual payments of principal due through June 1, 2032. This note is secured by State Revolving Loan Revenue Bonds issued by the State of Iowa.

253,000 270,000

A note payable to IFA with a 1.75% interest rate as of December 31, 2019; payments of interest due semiannually on June 1 and December 1 of each year; annual payments of principal due through June 1, 2039; and 85% of this loan is eligible to be forgiven. This note is secured by State Revolving Loan Revenue Bonds issued by the State of Iowa.

108,247 0

A note payable to an individual with a 5.00% interest rate for land purchased; annual payments of principal of \$110,563, along with accrued annual interest, are due through March 1, 2021. The note is collateralized by land. The book value of the land at is \$994,500.

221,125 331,688

Total Notes Payable (Calendar Year End)

10,671,555 10,887,424

Less Current Portion of Notes Payable

439,897 324,118

**Long-Term Notes Payable**

**\$ 10,231,658 \$ 10,563,306**

The combined aggregate amount of principal maturities as of December 31, 2019, for all of the long-term notes payable, for each of the next five years and thereafter is as follows:

Calendar Year 2020	Principal Balance
	\$ 439,897
2021	340,480
2022	238,061
2023	246,527
2024	248,114
Thereafter	9,158,476
<b>Total</b>	<b>\$ 10,671,555</b>

#### Note 10: Functional Allocation of Expenses

The functional allocation of operating expenses summarized in the statements of activities is allocated as follows between program activities and supporting services as of December 31, 2019 and 2018:

2019	2018
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Program Expenses:		
Water Treatment and Distribution	\$ 1,842,920	1,725,707
Supporting Services	379,483	366,580
<b>Total Operating Expenses</b>	<b>\$ 2,222,403</b>	<b>2,092,287</b>

**Note 11: Subsequent Events**

There were no material subsequent events noted from January 1, 2020 to March 17, 2020 (audit report date and financial statement issuance date).

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# Supplementary Information

Lyon & Sioux Rural Water System, Inc.

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LYON & SIOUX RURAL WATER SYSTEM, INC.

Supplementary Information

**Schedule 1 – Schedules of Operating Expenses** For  
the Calendar Years Ending December 31, 2019 and 2018

	<b>2019</b>	<b>2018</b>	<b>Increase (Decrease)</b>
Salaries and Benefits	\$ 563,637	524,607	39,030
Payroll Taxes	31,181	29,015	2,166
Pension Expense	24,611	22,293	2,318
Depreciation	787,970	750,681	37,289
Utilities	336,188	336,941	( 753)
Office Expenses	20,092	18,107	1,985
Telephone / Internet	13,972	12,285	1,687
Supplies	12,384	11,285	1,099
Repairs and Maintenance	168,794	150,214	18,580
Vehicle Expenses	41,540	36,891	4,649
Meals and Travel	11,170	12,406	( 1,236)
Water Testing and Treatment	61,639	56,062	5,577
Construction Permits	2,061	6,282	( 4,221)
Generator Expense	21,633	22,937	( 1,304)
Professional Fees	17,043	14,545	2,498
Directors' Fees	10,902	10,150	752
Insurance	40,496	43,094	( 2,598)
Licenses and Dues	8,237	8,281	( 44)
Meetings and Education	1,022	2,500	( 1,478)
Miscellaneous	4,413	2,179	2,234
Advertising	8,957	9,976	( 1,019)

Engineering	29,367	6,813	22,554
Property Tax (Land)	5,094	4,743	351
<b>Total</b>	<b>\$ 2,222,403</b>	<b>2,092,287</b>	<b>130,116</b>

See Independent Auditor's Report.

LYON & SIOUX RURAL WATER SYSTEM, INC.

Supplementary Information

**Schedule 2 – Schedule of Insurance Policies in Effect**

As of December 31, 2019

			Policy Limits	Premiums*
<b>Allied World</b>	5105-1697-04	Commercial Auto Policy	\$ 1,000,000	6,177
Agent:		Commercial General Liability	3,000,000	3,095
Sieperda Foltz Insurance & Real Estate		Commercial Property	18,187,000	15,689
PO Box 590		Commercial Excess Liability	5,000,000	3,137
Rock Rapids, IA 51246		Public Officials & Management	3,000,000	2,106
		Commercial Crime	500,000	750
		Terrorism	Included in each Policy	188
	WC020-0028800-2019	Workers Compensation	Statutory	9,479
Agent:				
Northwest Consultants of Lyon Co., Inc				
PO Box 455				
George, IA 51237				
CAN Surety	PO 1000015C	Fidelity Bond	700,000	3,500
		Policy Fee		100
<b>Total Premiums</b>				<b>\$ 44,221</b>

\* The amount disclosed in the schedule represents the annual premium for the policy in effect as of December 31, 2019, but does not necessarily represent the actual amount paid or incurred in 2019. Effective dates of the insurance policies vary.

See Independent Auditor's Report.

Supplementary Information

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**Schedule 3 – Statistical Information**

As of and for the Calendar Years Ending December 31, 2019, 2018, 2017, 2016 and 2015

	2019	2018	2017	2016	2015
<b>Liquidity Ratios:</b>					
Working Capital	\$ 382,482	222,132	153,504	136,937	575,424
Current Ratio	1.70	1.50	1.29	1.25	1.92
<b>Solvency Ratios:</b>					
Ownership Ratio	55.14%	55.47%	53.69%	52.24%	49.66%
Changes in Net Assets to Water Sales	18.41%	11.21%	14.07%	8.57%	6.97%
Changes in Net Assets to Total Net Assets	4.63%	1.46%	3.44%	2.02%	3.15%
<b>Operational Efficiency Ratios:</b>					
Salaries and Benefits & Pension Expense to Water Sales	17.12%	17.04%	16.86%	18.14%	17.93%
Water Sales to Net Fixed Assets	15.91%	14.09%	14.35%	13.42%	12.83%
Interest Expense to Water Sales	11.22%	12.87%	13.04%	14.75%	17.03%

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