Missouri-American Water Company

Company Full Certificated Name

Do not abbreviate; include any Commission approved AKA/DBA/Fictitious Name, if applicable.

WATER and/or SEWER ANNUAL REPORT

LARGE COMPANY

(with 8,000 or more customers)

TO THE

MISSOURI PUBLIC SERVICE COMMISSION

For the calendar year of

January 1 - December 31, 2022

This filing is required pursuant to Commission Rule 20 CSR 4240-10.145 and/or Section 393.140, RSMo.

Please indicate which type of service the Company is <u>certificated</u> to provide by checking the appropriate box(es). (*Check all that apply.*)

☑ Water Service Provider

□ Sewer Service Provider

Please choose one of the following filing type options:

- **Public Submission** (NOT Confidential)
- Non-Public Submission (Confidential / Filed Under Seal) For this filing to be considered Confidential, additional submission of materials is required pursuant to Commission Rule 20 CSR 4240-2.135.

Excel Issue Date: 5/10/2023

(To be used when filing under seal.)

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GENERAL INFORMATION

(Instructions: Please type answer to question in text box provided. Be sure underline feature is turned on when editing text box.)

1. Name, title and e-mail address of officer having custody of the general corporate books of account and address of office where the general corporate books are kept and the address of office where any other coproate books of account are kept, if different from that at which the general corporate books are kept.

2. This Utility Company is a: (Check the appropriate box.)

✓ C-Corporation
Partnership
Other (Please explain)

S-C	orporation
LLC	

Sole Proprietorship

3. Name of state under the laws of which respondent is incorporated and date of incorporation. If incorporated under a special law, give reference of such law. If not incorporated, state that fact and give the type of organization and date organized.

General Laws Article No. 8 Revised State of Missouri, December 9, 1879

4. State the classes of utility and other services furnished by respondent during the year in each state in which the respondent operated.

Water - Class A Sewer - Class C

5. State below each class of security of the respondent which is registered on a national securities exchange or so is to become registered upon notice of issuance. Give (a) exact title of each class of securities, (b) amount of issued securities registered (c) amount of unissued securities to become registered upon notice of issuance, and (d) name of each exchange upon which registered or to become registered. Explain briefly, if the amounts of issued securities differ from the amounts shown by the respondent's balance sheet:

(a)	(b)	(c)	(d)
N/A	N/A	N/A	N/A

6. State below the name and address of the respondent's independent certified accountant or independent licensed public accountants and date such accountant was engaged. If one of the above accountants has been engaged as the principal accountant to audit the respondent's financial statements who was not the principal accountant for the respondent's prior filed certified financial statements, state the date when such independent accountant was initially engaged.

Pricewaterhouse Coopers LLP, Two Commerce Square, Suite 1800, 2001 Market Street, Philadelphia, PA 19103. Annual engagement letter for 2022 signed April 25, 2022.

For the	calendar v	/ear of .	Januarv ⁻	1 -	December 3	31.	2022
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1. Company Address:	727 Craig Road						
	St. Louis MO 63141						
2. Company Phone Number:		3	14-996-2390				
3. Company E-mail Address:							
4. Name, title, address, phone number	^r and e-ma	il of person(s)	to contact co	ncerning informa	ition contained i	n this report:	
Brian W. LaGrand / Director of Rates	s & Regula	tory Support					
Name/Title	-			١	lame/Title	ne/Title	
727 Craig Roa	d						
Mailing Addres	S			Mailing Address			
727 Craig Roa	d						
Street Address			- —	Str	eet Address		
St. Louis	МО	63141					
City	State	Zip		City	State	Zip	
314-996-2357							
		Telep	elephone Number				
brian.lagrand@amwa	iter.com						
E-mail Address				E-r	nail Address		

5. Please provide the Total Company **and** gross intrastate Operating Revenues (i.e., Missouri Jurisdictional) for Calendar Year: **2022**

6. Revenues:	** MO Jurisdictional Total Company			**
Total Operating Revenues from Tariffed Services		\$ 377,407,261.64	\$ 377,407,262	
Total Other Revenues		4,885,284.17	\$ 4,885,284	
TOTAL REVENUES		\$ 382,292,545.81	\$ 382,292,545.81	

(Total MO Jurisdictional Revenues (Line 40 above) should match Statement of Revenue - MoPSC Assessment).



(To be used when filing under seal.)

OFFICERS

 Report below the name, title, office address, and salary for the year of each general officer of the respondent. Report the information for each other officer whose annual salary is \$50,000 or more. The salary information to be reported in column (d) is to be reported regardless of whether the respondent or an affiliate of the respondent actually paid the salary of the subject officers. Please provide in column (e) the Missouri-allocated portion of the salary information provided in column (d).

Title (a)	Name of Officers (b)	Principal Business Address (City and State) (c)	Total Corporate Annual Salary (d)	Missouri Total*	Allocated Portion Regulated** (e)
President	Richard Svindland	St. Louis, MO	\$ 311,710	\$ 311,710	\$ 311,710
Vice President - Operations	Jeff Kaiser	St. Louis, MO	\$ 217,659	\$ 217,659	\$ 217,659
Vice President, Legal Operations and	Timothy Luft	St. Louis, MO	\$ 200,149	\$ 200,149	\$ 200,149
Assistant Treasurer	Andie Cokel	St. Louis, MO	\$ 155,000	\$ 155,000	\$ 155,000
Assistant Treasurer	Nicholas Furia	Camden, NJ	\$ 200,008	\$ 28,783	\$ 28,783
Assistant Treasurer	David Bowler	Camden, NJ	\$ 370,000	\$ 55,799	\$ 55,799
Assistant Comptroller	Melissa Ciullo	Camden, NJ	\$ 265,008	\$ 37,949	\$ 37,949
Assistant Secretary	Mary Beth Hercules	St. Louis, MO	\$ 72,976	\$ 72,976	\$ 72,976

* This column should include the total Missouri allocated portion of the salary including regulated and non-regulated portions.

** This column should include the portion allocated for Missouri regulated companies only.

2. If any officer reported in this schedule received renumeration from respondent, directly or indirectly, other than the salary reported in column (d), such as commissions, bonuses, shares in profits, money paid, set aside or accrued pursuant to any pension, retirement, savings or similar plan (exclusive of plans qualified under Section 401 of the Internal Revenue Code of 1954) including premiums paid for retirement annuities, or life insurance where the respondent is not the beneficiary, or any other advantageous arrangement which constitutes a form of compensation, give the essentials of the plan not previously reported, the basis of determining the ultimate benefits receivable, and the payments or provisions made during the year with respect to each person reported herein. If the word "none" correctly states the facts with respect to the matters referred to in this instruction, so state:

omit (see instruction 7)

3. State the annual benefits estimated to be payable to each of the three highest paid officers named herein in the event of retirement at normal retirement date pursuant to any pension or retirement plan:

omit (see instruction 7)

4. Describe all transactions since the beginning of the year in which any person who was an officer of the respondent at any time during the year received remuneration, directly or indirectly, from the respondent in the form of securities, options, warrants, rights or other property, or through the exercise or though the exercise or disposition thereof. If the response "none" correctly states the facts with respect to the matters referred to in this instruction, so state:

omit (see instruction 7)

5. State briefly any arrangement under which any officer is insured or indemnified against liability which he may incur in his capacity as an officer. If there are no such arrangements, so state:

omit (see instruction 7)

6. If a change was made during the year in the incumbent of any position, show name and address and total renumeration of the previous incumbent and date change in incumbency was made:

Melissa Ciullo – Assistant Comptroller – April 20, 2022 (elected) David Bowler – removed as Assistant Comptroller and added as Assistant Treasurer effective November 21, 2022. James Merante – Assistant Treasurer – November 21, 2022 (resigned)

7. Utilities which are not required to file copies of this report with the Securities and Exchange Commission may omit the data called for by instructions 2, 3, 4 and 5. Omission of responses to such instruction for this reason should be stated.

See applicable responses above

DIRECTORS

1. Report in instruction No. 3 below the required information concerning each director of the respondent who held office at any time during the year. Include in column (a), abbreviated titles of the directors who are officers of the respondent. The fee information to be reported in column (f) is to be reported regardless of whether the respondent or an affiliate of the respondent actually paid the fees to the subject directors. Please provide in column (g) the Missouri-allocated portion of the fee information provided in column (f).

3. Members of the Executive Committee should be designated by an asterisk and the Chairman of the Executive Committee by a double asterisk.

		1		Directors' Meetings	Fees	Missouri Allocated
Name of Director	Principal Business Address	Term Began	Term Expires	Attended During Year	During Year	Portion
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Richard Svindland	St. Louis	1/1/22	12/31/22		\$-	\$-
Jeff Kaiser	St. Louis	1/1/22	12/31/22		\$-	\$-
Christine Page	St. Louis	1/1/22	12/31/22		\$-	\$-
Andie Cokel	St. Louis	1/1/22	12/31/22			
Beto Lopez	St. Louis	1/1/22	12/31/22	4	\$ 15,000	
Caleb Jones	St. Louis	1/1/22	12/31/22	2	\$ 6,700	
Jerry Hunter	St. Louis	1/1/22	12/31/22	1	\$ 2,500	
Kevin Gunn	St. Louis			1	\$ 7,500	
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^{2.} If any of the instructions 2, 3, 4 or 5 of the Officers schedule is applicable with respect to any director who is not an officer, furnish responses concerning the matters referred to in those instructions. If the matter referred to in those instructions are not applicable, or if the reporting of this information is not required by reason of Instruction 7 of Officers, Page F-3, so state:

Company Name Missouri-American Water Company					
CORPORATE CONTROL OVER RESPONDENT					
 Did any corporation or corporations hold control over the respondent at the close of the year? If control was so held, state: (a) The form of control, whether sole or joint: Sole Joint 					
(b) The name of the controlling corporation or corporations: American Water Works Company, Inc.					
(c) The manner in which control was established: Ownership of Common Stock					
(d) The extent of control:					
100%					
 (e) Whether control was direct or indirect: X Direct Indirect (f) The name or names of the intermediary or intermediaries through which control, if indirect, was established (see Note): 					
2. Did any individual, association, or corporation hold control, as trustee, over the respondent at the close of the year?					
Yes x No					
If control was so held, state:					
(a) The name of the Trustee: N/A					
(b) The name of the beneficiary or beneficiaries for whom the trust maintained:					
N/A					
(c) The purpose of the trust:					
N/A					

NOTE: The cases where control of the respondent is in a holding company, a statement should be submitted showing the intermediate chain of ownership or control to the main parent company.

INTERCORPORATE TRANSACTIONS

If, during the year any account was charged with an amount which was paid or credited to an affiliated company, the account or accounts affected, the respective amounts involved, and the name of the affiliated company should be given as indicated.

Account (a)	Amount (b)	Paid or Credited to (c)
107 Capital	\$ 16,228,613	American Water Works Services Inc
923 Support Services	\$ 38,961,283	American Water Works Services Inc
427 Interest Expense	\$ 42,230,732.40	American Water Capital Corp
431 Interest Expense	\$ 239,351.76	American Water Capital Corp
921 Credit Line Expense	\$ 205,958.42	American Water Capital Corp

Full explanation of the foregoing amounts as to nature, such as engineering services, management fees, material and supplies furnished, interest, finance charges, etc., and also the reason for handling the transaction in the manner indicated should be given for each item.

Explanation

The above charges were made in accordance with a contract dated January 1, 1989 between Missouri American Water Company and American Water Works Service Company (AWWSC). Services provided by AWWSC include Accounting, Administration, Audit, Communications, Engineering, Legal, Finance, Human Resources, Information Systems, Operations, Rates & Revenue, Risk Management, Water Quality and Customer Service. any method, explain briefly.

SECURITY HOLDERS AND VOTING POWERS

. (A) Give the names and addresses of the ten security holders of the 4. Furnish particulars concerning any options, warrants, or rights outstanding at the end of the year for others to purchase securities of the respondent or any securities or other assets owned by the respondent, including prices, expiration dates, and other material espondent who, at the date of the latest closing of the stock book or compilation of list of stockholders of the respondent, prior to the end of the year, had the highest voting powers in the respondent, and state the number of votes, information relating to exercise of the options, warrants, or rights. Specify the amount of in order. If any such holder held in trust, give in a footnote the known such securities or assets so entitled to be purchased by any officer, director, associated company or any of the ten largest security holders. This instruction is inapplicable to particulars of the trust (whether voting trust, etc.), duration of trust and principal nolders of beneficiary interests in the trust. If the stock book was not closed or convertible securities or to any securities substantially all of which are outstanding in the a list of stockholders not compiled within one year prior to the end of the year, or if since they previous compilation of a list of stockholders, some other class of hands of the general public where the options, warrants or rights were issued on a prorata basis. security has become vested with voting rights, then show such names of the security holders in the order of voting power, commencing with the highest. Show in column (a) the titles of officers and directors included in such list of ten 5. Give date of the latest closing of the stock book prior to end of year, and state the purpose of such closing: security holders. Closed at year end only 1. (B) Give also the voting powers resulting from ownership of securities of the respondent of each officer and director not included in the list of ten larges 6. State the local number of votes cast on the latest general meeting prior to the end of security holders. the year for election of directors of the respondent and number of such votes cast by 2. If any security other than stock carries voting rights, explain in a proxy: supplemental statement the circumstances whereby such security became Total 27,744,421 vested with voting rights and give other important particulars concerning the voting rights of such security. State whether voting rights are actual or By Proxy: contingent and if contingent, describe the contingency. 7. Give the date and place of such meeting: May 27, 2022 Board Meeting by unanimous consent held at 727 Craig 3. If any class or issue of security has any special privileges in the election of directors, trustees or managers, or in the determination of corporate action by Road, St. Louis MO 63141

	VOTING SECURITIES				
	Number of votes as of:				
Name and Address of Security Holder (a)	Total Votes (b)	Common Stock (C)	Preferred Stock (d)	Other (e)	
American Water Works Company, Inc.	27,744,421	27,744,421			
1 Water Street					
1 Water Street Camden, NJ 08102					
	Footnote(s)				

CORPORATIONS CONTROLLED BY RESPONDENT

Show the names of all corporations, business trusts and similar organizations controlled directly by respondent at any time during the year. If control ceased prior to end of year give particulars in an attached memorandum.
 Direct control is that which is exercised without interposition of an intermediary
 Indirect control is that which is exercised by the interposition of an intermediary which exercises direct control

				Cha		
Name of Company Controlled (a)	Kind of Business (b)	Percent Voting Stock Owned (c)	Form of Control (d)	Sole or Joint (e)	Direct or Indirect (f)	Other parties to Joint Control (g)
None						
L						
l						

IMPORTANT CHANGES DURING THE YEAR

Hereunder give particulars concerning the matters indicated below. Make the statements explicit and precise and number them in accordance with the inquiries. Each inquiry should be answered. If "none" or "not applicable," state the fact that inquiry is given elsewhere in the report, reference to the

- 1. Changes in and important additions to franchise rights: Describe the actual consideration given therefore and state from whom the franchise rights were acquired. If acquired without the payment of consideration, state that fact.
- 2. Acquisition of ownership in other companies; reorganization, merger, or consolidation with other companies: Give names of companies involved, particulars concerning the transactions, name of the Commission authorizing the transaction and reference to Commission authorization.
- 3. Purchase or sale of an operating unit or system: Give a brief description of the property, the transactions relating thereto and reference to Commission authorization, if any was required. Give date journal entries called for by the Uniform System of Accounts were submitted to the Commission.
- 4. Important leaseholds that have been acquired or given, assigned or surrendered: Give effective dates, lengths of terms, names of parties, rents and other conditions. State name of Commission authorizing lease and give reference to such authorization.
- 5. Important extension or reduction of transmission or distribution system: State territory added or relinquished and date operations began or ceased and give reference to Commission authorization, if any was required. State also the approximate number of customers added or lost and approximate annual revenues of each class of service.
- 6. Obligation incurred or assumed by respondent as guarantor for the performance by another of any agreement or obligation, excluding ordinary commercial paper maturing on demand or not later than one year after date of issue: State on behalf of whom the obligation was assumed and amount of the obligation. Give reference to Commission authorization if any was required.
- 7. Changes in articles of incorporation or amendments to charter: Explain the nature and purpose of such changes or amendments.
- 8. State the estimated annual effect and nature of any important wage scale changes during the year.
- 9. State briefly the status of any materially important legal proceedings pending at the end of the year and the results of any such proceedings culminated during the year.

10. Describe briefly any materially important transactions of the respondent not disclosed elsewhere in this report in which an officer, director, security holder, voting trustee, associated company or known associate of any of these persons was a party or in which any such person had a material interest.

1. None
2. None
3. In 2022 Missouri-American Water Company closed on the following acquisitions:
a) Orrick, Water & Sewer (WA-2022-0049), closed February 16, 2022
b) Hallsville, Sewer (SA-2021-0017), closed February 25, 2022
c) Eureka, Water & Sewer (WA-2021-0376), closed August 4, 2022
d) Monsees Lake Estates, Water & Sewer (WA-2022-0229), closed October 14, 2022
e) Purcell, Water & Sewer (WA-2022-0293), closed October 28, 2022
f) Pom-Osa Heights, Water, (WA-2022-0361), closed December 19, 2022
4. None
5. All extensions of the transmission or distribution system during the 2022 calendar year were in the normal course of business and not
signiicant to the overall MAWC transmission and distribution system. New territory was acquired (refer to number 3 above) which added
approximately 4,700 water and 5,300 sewer customers with annual estimated revenue of \$5.9 million.
6. None
7. None
8. None
9. Status of important legal proceedings in 2022.
a) Missouri Rate Case - WR-2022-0303 - in process
10. None

NOTE: Please do not type over formulas. Totals will calculate automatically in this spreadsheet.

COMPARATIVE BALANCE SHEET - UTILITY PLANT, ASSETS AND OTHER DEBITS

Account No. (a)) (b)		B	Balance at eginning of Year (d)		Balance at End of Year (e)		ncrease or Decrease) (f)
101-107	<u>Utility Plant</u> Utility Plant	F-16	\$	3,383,826,747	\$	3,829,875,841	\$	446,049,094
108-113	Less: Accumulated Provisions for	<u>r-10</u>	φ	3,303,020,747	φ	3,029,073,041	φ	440,049,094
100-115	Depreciation and Amortization	F-16	\$	612,886,963	\$	621,453,372	\$	8,566,409
	Net Utility Plant	<u>1-10</u>	\$	2,770,939,785	\$	3,208,422,470	\$	437,482,685
114-115 116	Utility Plant Acquisition Adjustments (Net) Other Utility Plant Adjustments	<u>F-16</u>	\$	5,006,734	\$	3,631,703	\$ \$	(1,375,031)
110	Total Net Utility Plant		\$	2,775,946,519	\$	3,212,054,173	э \$	436,107,654
			Ŷ	2,110,010,010	Ŷ	0,212,001,110	Ψ	100,101,001
	Other Property and Investments							
121	Nonutility Property	<u>F-18</u>	\$	-	\$	-	\$	-
122	Less: Accumulated Provisions for							
	Depreciation and Amortization of Nonutility							
	Property	<u>F-18</u>	\$	-	\$	-	\$	-
	Net Nonutility Property		\$	-	\$	-	\$	-
123	Investment in Associated Companies	<u>F-19</u>	\$	849,203	\$	849,203	\$	
123	Other Investments	F-19	φ	049,203	φ \$	-	\$	
125-128	Special Funds	F-19			\$ \$	-	φ \$	_
120 120	Total Other Property & Investments	<u></u>	\$	849,203	\$	849,203	\$	-
	Current and Accrued Assets							
131	Cash	-	\$	1,431,980	\$	1,961,208	\$	529,228
132-134	Special Deposits	-	\$	2,752		2,792	\$	40
135	Working Funds	-	\$	1,550		1,550	\$	-
136 141-143	Temporary Cash Investments Notes and Accounts Receivable	- F-20	\$ \$	-	\$ \$	-	\$ \$	-
141-143	LESS: Accumulated Provision for	<u>F-20</u>	φ	25,985,592	φ	28,366,313	φ	2,380,721
144	Uncollectible Accounts	<u>F-20</u>	\$	(3,141,776)	¢	(2,904,479)	¢	237,297
145-146	Receivable from Associated Companies	<u>F-20</u>	\$	13,277,883		4,274,237	\$	(9,003,646)
151-157	Materials and Supplies	F-21	\$	9,865,103	φ \$	13,672,934	\$	3,807,831
163	Stores Expense	<u>F-21</u>	\$	-	\$	-	\$	-
166	Prepayments	F-21	\$	28,345	\$	591,580	\$	563,234
171	Interest and Dividends Receivable		Ŧ	,	\$	-	\$	-
172	Rents Receivable	-			\$	-	\$	-
173	Accrued Utility Revenues	-	\$	17,173,256	\$	16,578,607	\$	(594,648)
184	Miscellaneous Current and Accrued Assets	-	\$	757,369	\$	793,483	\$	36,114
	Total Current and Accrued Assets		\$	65,382,053	\$	63,338,224	\$	(2,043,829)
	Deferred Debits							
181	Unamortized Debt Discount and Expense	E 24	\$	9,643,769	\$	10,720,329	¢	1,076,560
181	Extraordinary Property Losses	<u>F-21</u> <u>F-21</u>	ф \$	9,043,709	¢	10,720,329	\$ ¢	1,070,500
182	Preliminary Survey and Investigation Charges	<u></u>	φ	-	φ	-	э \$	
183	Clearing Accounts	<u>-</u> <u>F-22</u>	\$	_	\$	_	э \$	
185	Temporary Facilities		Ţ		Ŧ		φ \$	_
186	Miscellaneous Deferred Debits	<u>F-21</u>	\$	62,245,570	\$	56,844,813	\$	(5,400,757)
187	Research and Development Expenditures	-	Ŷ	02,210,010	÷	00,011,010	\$	-
	Total Deferred Debits		\$	71,889,339	\$	67,565,142	\$	(4,324,197)
	Total Utility Plants, Assets and Other Debits		* \$	2,914,067,114	\$	3,343,806,742	\$	429,739,628

* Difference between Assets and Equity & Liabilities (from Pg.F-11) \$

(0) \$

Indicates link to another worksheet within workbook

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NOTE: Please do not type over formulas. Totals will calculate automatically in this spreadsheet.

COMPARATIVE BALANCE SHEET - EQUITY CAPITAL, LIABILITIES AND OTHER CREDITS	

Account No. (a)	Account Description (b)	Schedule Page No. (c)		Balance at Beginning of Year (d)		Beginning of Year		Beginning of Year		Beginning of Year En		Balance at End of Year (e)		Increase or (Decrease) (f)
201	<u>Equity Capital</u> Common Stock Issued	F-24	\$	95,994,075	\$	95,994,075	\$							
201	Preferred Stock Issued	F-24	\$	35,354,015	Ψ \$	33,334,073	\$							
204 202, 205	Capital Stock Subscribed	F-24	φ \$		φ \$		գ Տ							
203, 206	Stock Liability for Conversion	F-24	\$		\$		\$							
203, 200	Premium on Capital Stock	F-25	\$	-	Ψ \$		\$ \$							
208-211	Other Paid in Capital	F-25	\$	557,297,456	φ \$	707,873,108	\$	150,575,652						
212	Installments Received on Capital Stock	<u>F-24</u>	Ψ	337,237,430	Ψ \$	-	\$	100,010,002						
212	Discount on Capital Stock	-			Ψ		\$ \$							
210	Capital Stock Expense	<u>F-24</u>			\$		\$							
215, 216	Retained Earnings	F-25	\$	298,927,008	Ψ \$	321,874,705	\$	22,947,697						
213, 210	Reacquired Capital Stock	F-24	Ψ	200,021,000	Ψ ¢	521,014,705	φ \$	22,047,007						
217	Total Equity Capital	1-24	\$	952,218,539	φ \$	1,125,741,888	ф \$	173,523,349						
004.000	Long-Term Debt	5.00	•	000 705 407	•	4 400 547 007	•	000 700 070						
221-222	Bonds LESS Reacquired Bonds	<u>F-26</u>	\$	899,785,127	\$	1,109,517,397	\$	209,732,270						
223	Advances from Associated Companies	<u>F-26</u>	\$	-	\$	-	\$	-						
224	Other Long-Term Debt Total Long-Term Debt	<u>F-26</u>	\$ \$	- 899,785,127	\$ \$	- 1,109,517,397	\$ \$	- 209,732,270						
231 232 233, 234	<u>Current and Accrued Liabilities</u> Notes Payable Accounts Payable Payables to Associated Companies	<u>F-25</u> - F-27	\$ \$	- 92,952,216 112,290,021	<mark>\$}</mark> \$} \$	109,444,754	\$ \$ \$	- 16,492,538 22,400,536						
233, 234	Customer Deposits	<u>F-27</u>	Ф	112,290,021	Þ	144,789,547	\$ ¢	32,499,526						
235	Taxes Accrued	- F-28	\$	225,901	\$	(18,149,904)	э \$	- (18,375,805)						
230	Interest Accrued	F-20 F-27	э \$	7,281,885	э \$	(18,149,904) 8,023,552	э \$	(18,375,805) 741,667						
237	Dividends Declared	1-27	φ	7,201,005	φ	0,023,332	φ \$	741,007						
230	Matured Long-Term Debt	-					φ \$	-						
239	Matured Interest	-					φ \$							
240	Tax Collections Payable		\$	1,727,979	\$	1,986,172	\$	258,193						
241	Miscellaneous Current and Accrued Liabilities	F-27	\$	20,975,013	\$	21,300,850	φ \$	325,837						
272	Total Current and Accrued Liabilities	1-21	\$	235,453,015	\$	267,394,970	\$	31,941,956						
251	Deferred Debits Unamortized Premium on Debt	<u>F-21</u>	\$	200, 100,010	\$	201,001,010	\$	0,01,000						
251	Advances for Construction	F-21 F-30	э \$	- 1,662,090	э \$	- 801,067	э \$	- (861,023)						
252	Other Deferred Credits	1-30	ъ \$	180,922,540	ֆ Տ	130,493,605	э \$	(50,428,935)						
253 255	Accumulated Deferred Investment Tax Credits	- F-33	\$ \$	2,429,750	≯ \$	2,327,822	ծ \$	(50,428,935) (101,928)						
281-283	Accumulated Deferred Income Taxes	F-35 F-36	э \$	331,618,210	¢ ¢	377,632,066	э \$	46,013,856						
201-200	Total Deferred Debits	1-00	ф \$	516,632,589	э \$	511,254,559	э \$	(5,378,030)						
			Ŷ											
261-265	Operating Reserves	<u>F-37</u>	\$	19,821,531	\$	27,117,116	\$	7,295,585						
271	Contributions in Aid of Construction	<u>F-37</u>	\$	290,156,313	\$	302,780,812	\$	12,624,499						
	Total Equity Capital, Liabilities and Other Debits	*	\$	2,914,067,114	\$	3,343,806,742	\$	429,739,628						
			1											

* Difference between Equity & Liabilities and Assets (from Pg.F-10) \$

-Indicates Link to Another Worksheet within Workbook

Indicates formula cell

0\$

NOTES TO BALANCE SHEET

1. The space below is provided for important notes regarding the balance sheet or any account thereof.

 Furnish particulars as to any significant contingent assets or liabilities existing at the end of the year, including a brief explanation of any action initiated by the Internal Revenue Service involving possible assessment of additional income taxes of material amount, or of a claim for refund of income taxes of a material amount initiated by the utility. Give also, a brief explanation of any dividends in arrears on cumulative preferred stock.

3. For Account 116, Utility Plant Adjustments explain the origin of such amounts, and plan of disposition contemplated, giving references to Commission orders or other authorizations respecting classification of amounts as plant adjustments and requirements as to disposition thereof.

4. Give a concise explanation of any retained earnings restrictions and state the amount of retained earnings affected by such restrictions.

5. If the notes to the balance sheet relating to the respondent company appearing in the Annual Report to the Stockholders are applicable in every respect and furnish the data required by Instructions 2, 3, and 4 above, such notes may be attached hereto.

STATEMENT OF INCOME FOR THE YEAR

			Total	Sewer	Water
Account No. (a)	Account Description (b)	Schedule Page No. (c)	Current Year (d)	Current Year (e)	Current Year (f)
400	<u>Utility Operating Income</u> Operating Revenues	<u>S-1</u> <u>W-1</u>	\$ 382,292,546	\$ 15,831,535	\$ 366,461,010
401	Operation Expense	<u>S-3</u> <u>W-6</u>	\$ 133,261,200	\$ 7,326,882	\$ 125,934,319
401	Maintenance Expense	<u>S-3</u> <u>W-6</u>	\$ 10,421,925	\$ 323,978	\$ 10,097,948
403	Depreciation Expense	<u>S-7</u> <u>W-11</u>	\$ 61,190,715	\$ 2,224,174	\$ 58,966,541
404-405	Amortization of Limited Term/Other Utility Plant	-	\$ (4,556,066)		\$ (5,300,308)
406	Amortization of Utility Plant Acquisition Adjustments	<u>F-16</u>	\$ 7,821,453	\$ 231,085	\$ 7,590,369
407	Amortization of Property Losses	-	\$ 158,893		\$ 158,893
408.1 409.1	Taxes Other Than Income Taxes-Utility Operating Income Income Taxes, Utility Operating Income	<u>F-31</u> <u>F-31</u>	\$ 34,992,709 \$ (24,638,109)	\$ 141,130 \$ -	\$ 34,851,578 \$ (24,638,109)
409.1	Provision for Deferred Income Taxes-Utility Operating Income	F-31 F-36	\$ (24,638,109) \$ 29,173,191	s -	\$ (24,638,109) \$ 29,173,191
411.1	Income Taxes Deferred in Prior Years-Credit Utility Operating Income	<u>F-36</u>	\$ -	\$ -	\$ -
412.1	Investment Tax Credits-Utility Operations, Deferred to Future Periods	F-33	\$ (101,928)	+	\$ (101,928)
412.2	Investment Tax Credits-Utility Operations, Restored to Operating Income	F-33	\$ -	\$ -	\$ -
	Total Utility Operating Expenses		\$ 247,723,985	\$ 10,991,491	\$ 236,732,494
	Net Utility Operating Income		\$ 134,568,560	\$ 4,840,044	\$ 129,728,516
413 414	Income from Utility Plant Leased to Others Gains (Losses) from Disposition of Utility Property	<u>F-38</u> F-40	\$ - \$ -	\$ - \$ -	\$- \$-
				*	
	Total Net Utility Operating Income		<u>\$ 134,568,560</u>	\$ 4,840,044	\$ <u>129,728,516</u>
	Other Income				
415-418	Nonutility Operating Income	<u>F-39</u>	\$ 164,970	\$ -	\$ 164,970
419	Interest and Dividend Income (Net)	<u>F-39</u>	\$ 220,998	\$-	\$ 220,998
420	Allowance for Funds Used During Construction	<u>F-41</u>	\$ 1,776,288	\$ 67,988	\$ 1,708,300
421 422	Miscellaneous Non-operating Income Gains (Losses) from Disposition of Non-Utility Property	<u>F-41</u> <u>F-40</u>	\$- \$83,936	\$- \$23,559	\$- \$60,377
422	Total Other Income	<u>1-40</u>	\$ 2,246,192	\$ 91,547	\$ 2,154,644
405	Other Income Deductions	E 44	¢ 202.042	¢ 40.770	¢ 044.405
425 426	Miscellaneous Amortization Miscellaneous Income Deductions	<u>F-41</u> F-41	\$ 323,943 \$ 66,374	\$ 12,778 \$ -	\$ 311,165 \$ 66,374
420	Total Other Income Deductions	<u></u>	\$ 390,317	\$ 12,778	\$ 377,539
408.2	Taxes Applicable to Other Income	E 24	¢	\$ -	\$ -
408.2	Taxes Other than Income Taxes, Other Income and Deductions Income Taxes, Other Income and Deductions	<u>F-31</u> <u>F-31</u>	\$ - \$ -	s -	» - \$ -
409.2	Provision for Deferred Income Taxes, Other Income and Deductions	<u>F-36</u>	\$-	\$ - \$	\$ \$
411.2	Income Taxes Deferred in Prior Years - Credit, Other Income and Deductions	<u>F-36</u>	\$-	\$ -	\$-
412.3	Investment Tax Credits-Utility Operations Restored to Non-operating Income	F-33	\$ -	\$ -	\$ -
412.4	Investment Tax Credits, Non-utility Operations, Net	<u>F-33</u>	\$-	\$ -	\$-
	Total Taxes on Other Income and Deductions		\$ -	\$ -	\$-
	Net Other Income and Deductions		\$ 1,855,875	\$ 78,769	\$ 1,777,106
	Interest Charges				
427	Interest on Long-Term Debt	F-41	\$ 45,246,798	\$ 415,206	\$ 44,237,832
428	Amortization on Debt Discount and Expense	F-21	\$ 887,962	\$ -	\$ 887,962
429	Amortization of Premium on Debt - Credit	F-21	\$-	\$-	\$-
430	Interest on Debt to Associated Companies	<u>F-41</u>	\$-	\$-	\$-
431	Other Interest Expense	<u>F-41</u>	\$ (354,408)	\$-	\$ 239,352
	Total Interest Charges		\$ 45,780,352	\$ 415,206	\$ 45,365,145
	Income Before Extraordinary Items		\$ 90,644,084	\$ 4,503,607	\$ 86,140,477
	Extraordinary Items				
433	Extraordinary Income	-	\$-	\$-	\$-
434	Extraordinary Deductions	-	\$ -	\$ -	\$ -
499.3	Income Taxes, Extraordinary Items	-	\$-	\$-	\$-
	Extraordinary Items After Taxes		\$ -	\$ -	\$ -
	Net Income		\$ 90,644,084	\$ 4,503,607	\$ 86,140,477
1					

Indicates Link to Another Worksheet within Workbook

STATEMENT OF RETAINED EARNINGS FOR THE YEAR

Each credit and debit during the year should be identified as to the retained earnings account in which recorded and the contra-primary account affected shown in Column (c).
 For each reservation or appropriation of retained earnings, state the purpose and amount.
 Dividends should be shown for each class and series of capital stock. Show amounts of dividends per share.
 Show separately the state and federal income tax effect of items shown in Account 439 and give a brief description of each adjustment.

ltem (a)		Account No. (b)	Contra-Primary Account Affected (c)	Amount (d)
Unappropriated Retained Earnings: Balance at Beginning of Year (Acct. 216)		216		\$ 298,927,008
Changes (Please identify by prescribed retained earnings account.):				(Total to Pg. F-25)
<u>Adjustments to Retained Earnings (Acct. 439):</u> Credits:				
Total Credits to Retained Earnings		439		<mark>\$</mark>
Debits:				
Total Debits to Retained Earnings		439		\$ -
Balance Transferred from Income (Acct. 435)		435		
Appropriations of Retained Earnings (Acct. 436):				
Total Appropriations of Retained Earnings		436		\$ (90,644,084) \$ (90,644,084)
Dividends Declared - Preferred Stock (Acct. 437):				\$-
Total Dividends Declared - Preferred Stock		437		\$ - \$
Dividends Declared - Common Stock (Acct. 438):				
				\$ 67,696,387
Total Dividends Declared - Common Stock		438		\$ 67,696,387
Net Changes During the Year				\$ 22,947,697 (Total to Pg. F-25)
Unappropriated Retained Earnings Balance at End of Year (Acct. 216)		216		\$ 321,874,705 (Total to Pg. F-25)
Appropriated Retained Earnings <u>Balance at Beginning of Year (Acct. 215)</u> ; State balance and purpose of each appropriated retained earnings amount at the end of the year and give accounting entries for any applications of appropriated retained earnings during		215		(Total to Pg. F-25)
the year. [See Pg. F-25 for detail of transactions. Attach separate sheet, if necessary.]				
Changes During the Year				\$
Total Appropriated Retained Earnings at End of Year (Acct. 215)		215		(Total to Pg. F-25)
Total Retained Earnings (Accts. 215-216)		215 & 216		\$ 321,874,705
Notes to Statement of Retaine	ed Earnings for the Y	<u>/ear</u>		L

Indicates a link to another Worksheet within Workbook.

STATEMENT OF CHANGES IN FINANCIAL POSITION

Source of Funds (a)	Amount (b)
Principal Non-cash charges (credits) to Income: Depreciation and Depletion Amortization of: Provision for Deferred or Future Income Taxes (Net) Investment Tax Credit Adjustments	\$ 90,644,084 \$ 64,614,996 \$ (887,962) \$ 29,173,191 \$ (101,928) \$ (2,410,886)
Total Principal Non-cash Charges to Income	\$ 90,387,412
Total Funds from Operations	\$ 181,031,496
Funds from Outside Sources (New Money): Long-term Debt Preferred Stock Common Stock Net Increase in Short-term Debt Other (Net)	\$ 200,000,000
Total Funds from Outside Sources	\$ 200,000,000
Sale of Non-current Asset	
Other (Net):	\$ 162,005,019
Total Other (Net) Total Sources of Funds	\$ 162,005,019 \$ 543,036,514
Application of Funds (a)	Amount (b)
Gross Additions to Common Utility Plant Gross Additions to Non-Utility Plant Other	\$ 506,191,859 \$ 506,191,859
Dividends on Preferred Stock	
Dividends on Common Stock	\$ 67,696,387
Redemption of Capital Stock Net Decrease in Short-term Debt	\$ - \$ - \$ (10,871,438) \$ (10,006,783)
	\$ (20,878,221)
Purchase of Other Non-current Assets Other (Net)	\$ 24,012,275
Total Application of Funds	\$ 577,022,300
Net Change in Financial Position[Total Source of Funds LESS Total Application of Funds]	\$ (33,985,785)

UTILITY PLANT AND ACCUMULATED DEPRECIATION AT END OF YEAR

Report Plant in Service and Depreciation after Allocation of Common Plant and Reserve to Utility Departments

<u>Report Plant in Servic</u>							<u>,</u>						
Plant Accounts (a)	Account No. (b)		ewer Balance at ginning of Year (c)		/ater Balance at eginning of Year (d)		Total Balance at Beginning of Year (e)	S	ewer Balance at End of Year (f)		Water Balance at End of Year (g)		otal Balance at End of Year (h)
Utility Plant in Service Completed Construction not Classified Utility Plant in Process of Reclassification Utility Plant Leased to Others (see below) Property Held for Future Use Utility Plant Purchased or Sold Construction Work in Progress Total Utility Plant	101 102 103 104 105 106 107	\$ \$ \$	112,032,589 1,610,647 113,643,237	\$ \$ \$ \$	3,208,876,993 3,026,500 58,280,018 3,270,183,511	\$ \$ \$ \$ \$ \$	- - - - - - - - - - - - - - - - - - -	\$ \$ \$ \$ \$	135,600,868 - - - - 4,549,922 140,150,790	<mark>\$</mark> \$	3,630,381,660 	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	3,765,982,528 - - 2,783,680 61,109,633 3,829,875,841
Accumulated Provision for Depreciation: Utility Plant in Service Utility Plant Leased to Others (see below) Property Held for Future Use Accumulated Provision for Amortization Total Accumulated Provisions for Depreciation and Amortization	108 109 110 111-113	\$	34,009,488 34,009,488	\$ \$	578,877,474 578,877,474	\$ \$ \$ \$ \$	-	\$ \$	37,269,526	\$	584,183,846 - 584,183,846	\$ \$ \$ \$ \$	Total to Pg. F-10)
Utility Plant Acquisition Adjustments:	114	\$	306,693	\$	12,200,998		(10tal 10 Pg. r-10) 12,507,691 - - - -	\$	(431,604)	\$	11,884,760		11,453,156 - - - - -
Accum. Prov. of Amort. of Utility Plant Acquisition Adjustments Net Utility Plant Acquisition Adjustments	115	\$ <mark>\$</mark>	218,307 88,386		7,282,651 4,918,348	\$	- 7,500,957 5,006,734 (Total to Pg. F-10)	\$ <mark>\$</mark>	231,085 (662,688)		7,590,369 4,294,392	\$	- 7,821,453 3,631,703 Fotal to Pg. F-10)
Total Utility Plant LESS Depreciation and Amortization (Note: This total should match Total Net Utility Plant on Pg. F-10)		\$	79,722,135	\$	2,696,224,384	\$	2,775,946,519	\$	102,218,576	\$	3,109,835,597	\$	3,212,054,173

UTILITY PLANT LEASED TO OTHERS at End of Year (Acct. 104)

Name of Lessee (a)	Description of Property Leased (b)	Expiration Date of Lease (c)	Plant Balance at End of Year (d)	Accum. Deprec. and Amort. (e)
<u>Sewer:</u>				
Total Sewer Utility Plant Leased to Others (to above) <u>Water:</u>			<mark>\$ -</mark>	<mark>\$ -</mark>
Total Water Utility Plant Leased to Others (to above) Total Sewer and Water Utility Plant Leased to Others			\$ - \$ -	\$ - \$ -

Indicates Link to Another Worksheet within Workbook

UTILITY PLANT HELD FOR FUTURE USE (ACCT. 105)

Report below the information called for concerning utility plant held for future use, show separate subtotals for each utility service. If no definite plan exists for use of the property in utility service, then report the investment in Acct. 121, Non-Utility Property.

Description and Location of Property (a)	Account No. (b)	Date Originally Acquired (c)	Year Expected to be Used in Utility Service (d)	Book Cost at End of Year (e)
<u>Sewer:</u> Total Sewer Utility Property Held for Future Use <u>Water:</u>	105			\$ - (Total to Pg. F-16)
Total Water Utility Property Held for Future Use	105			\$- (Total to Pg. F-16)
Total Sewer & Water Utility Property Held for Future Use	105			\$ -
LESS: Accumulated Provision for Depreciation & Amortization Net Utility Property Held for Future Use	113			<mark>\$ -</mark>

CONSTRUCTION WORK IN PROGRESS (ACCT. 107)

Report each project under construction, the complete cost of which is estimated to exceed \$100,000. Group by utility departments all projects for less than \$250,000.00

Description of Project (a)	Balance at End of Year (b)	Estimated Cost of Project (c)
<u>Sewer:</u>		
See Page F-17 ATTACHMENT A	\$ 4,549,921.64	
Total Sewer Utility Plant Construction Work in Progress	\$ 4,549,921.64	\$ -
Water:	(Total to Pg. F-16)	
See Page F-17 ATTACHMENT B	\$ 56,559,711.79	
Total Water Utility Plant Construction Work in Progress	\$ 56,559,711.79	\$ -
	(Total to Pg. F-16)	
Total Sewer and Water Utility Plant Construction Work in Progress	\$ 61,109,633.43	\$ -

Page F-17 ATTACHMENT A

CONSTRUCTION WORK IN PROGRESS (ACCT. 107) Report each project under construction, the complete cost of which is estimated to exceed \$100,000. Group by utility departments all projects for less than \$250,000

Description of Project (a)	Balance at End of Year (b)	Es	timated Cost of Project (c)
Sewer:			
MOW2-Wastewater_Plant_#2_Expansion	\$ 245,975.65		3,345,976
MOW2-Incline_Village_WW_#1_Replacement	\$ 2,371,257		3,038,445
MOO2-Ozark_Meadows_WWTP	\$ 23,330		349,294
Maplewood_WW_Lift_Station_Replacements	\$ 115,140	\$	315,950
Monticello Lagoon	\$ 24,551	\$	400,000
Cedar Hills WWTP	\$ 14,261	\$	1,514,261
Stoney Creek Plant Upgrade	\$ 44,009	\$	2,544,009
Highlands Lagoon	\$ 27,693	\$	2,527,693
MOJ2-Jeff_Cty_Regional_Sludge_Processing	\$ 198,736	\$	1,198,736
MOJCWW-Shamrock_Hts_WWTF_Improvements	\$ 22,750	\$	522,750
MOM1Influent_Scrn_Incl_Washer_Compactr	\$ 390,978	\$	634,733
MOWDW-NW_WWTF_Ammonia_Upgrade	\$ 61,200	\$	7,091,542
Trimble_WW_Disinfection	\$ 66,764	\$	583,032
Eureka_WWTF_Nutrient_Rem_Upgrade	\$ 1,135	\$	660,000
Eureka_WW-Lagoon_Influent_Screen_Repl	\$ 12,803	\$	662,502
Eureka_WW-Lagoon_UV_Replacement	\$ 13,088	\$	663,088
Eureka_WW-KOA_Lift_Station_Repl	\$ 20,823	\$	901,887
Eureka WW-Hilltop Lift Station Repl	\$ 19,296	\$	919,296
Garden_City_WW_Disinfection	\$ 65,424	\$	264,812
Orrick_WW_Facility_Plan_&_Disinfection	\$ 25,727	\$	134,839
Projects that are less than \$200.000	\$ 799.240		
	\$ 799,240		
Suspended CWIP Reserve	\$ (14,261)		
Total Sewer Utility Plant Construction Work in Progress	\$ 4,549,922	\$	28,272,845
	(Total to Pg. F-16)		

Report of

Missouri-American Water Company

Page F-17 ATTACHMENT B

CONSTRUCTION WORK IN PROGRESS (ACCT. 107) Report each project under construction, the complete cost of which is estimated to exceed \$100,000. Group by utility departments all projects for less than \$250,000

Description of Project (a)	Balance at End of Year (b)	Estimated Cost of Project (c)
water.		
CCP Basin Improvements	\$ 1,014,875	\$ 156,400,000
MO River Xing to STC (Daniel Boone)	\$ 3,794,903	
MP Chem Bldg & Lime Feed System	\$ 182,225 \$ 196,128	
SCP Liquid Chem Feed Upgrade Install New Elevated Sunset Tank	\$ 196,128 \$ 864,907	
Install New Elev Sunset Tank Land Purch	\$ 342,772	
MP Update Electrical Systems Phase 1	\$ 3,958,687	\$ 4,919,253
CP B HS Switchgear & Station - #2	\$ 909,946	
SP_Intake_Reliability_Improvements	\$ 20,350	
CPB3 Switchgear Replacement - Phase 2 MOSL-Cntrl Zne Elevated Storg-Land Purch	\$ 102,370 \$ 818	. , ,
MOSL-Valley Park Serv Reliability Impr	\$ 23,412	
MOSL-Affton_#3_Roof_Replacement	\$ 1,355,668	
MOSL-SP_S_Basin_Sec_Clarifier_Rake_Arm	\$ 53,205	
MOSL-Eureka_Water_Transmission_Ext	\$ 1,414,358	
MOSL-SP-Land Purchase MOSL-CP New RDP Lime Slaker	\$ <u>8,447</u> \$1,457,162	
MOSL-CP_New_RDP_LIMe_Slaker MOSL-CP_New_RDP_Lime_Slaker_Phil	\$ 1,457,162 \$ 579,705	see above
MOSL-CP_Basin_HS_Pump_Vlts-#2	\$ 523,211	
MOSL-Affton_BS_Rehab	\$ 104,418	\$ 371,847
MOSL-MP-C_Basn_Prim_Sec_Clar_Dr_Repl	\$ 29,873	
MOSL-Fee_Fee_PS_Upgrade	\$ 37,733	
MOSL-Old_Halls_Ferry_PS_Upgrade MOSL-Strecker_BS_Upgrade	\$ <u>37</u> \$37	
MOSL-Strecker_BS_Opgrade	\$ 39,081	
MOSL-Ross PS Suction Header Repl	\$ 154,546	
MOSL-CP_1&2_COAG_Basin_Improvements	\$ 88,777	
MOSL-CP_Phase_II_Planning_Study	\$ 49,562	
MOSL-CP_Low_Lift_Valve_Repl	\$ 91,834	
STJ Faraon Booster Upgrade MOWB-Ozone (O3) Replacement	\$ 56,472 \$ 1,074,088	
MOSC-MO River Crossing Bore	\$ 718,574	
MOSC-Transmission_Main_River_Xing	\$ 20,363	
MOMX-Water_Treatment_Optimization	\$ 79,932	
MOMX-South_Basin_Wall_Repl	\$ 47,406	
Joplin_Drought_Mitigation Joplin Drought Mitigation-Land Purchases	\$ 6,859,877 \$ 670,575	
JOP-WTP Plant 1 Filter Backwash Impr	\$ 30,623	
JOP-WTP Replace HSPS	\$ 6,675,348	
MOJP-Chlorine_to_Hypo_Conv_Wells-Phase 1	\$ 63,404	. , ,
MOJP-WTP_Sodium_Hypo_Conv_to_Bulk	\$ 174,632	
MOJC_NEW_Svc_Cntr_Canopy/Covered_Storage	\$ 5,875	
JFC-WTP Filtration & Chem Feed Bldg (P4) MOJC-WTP Ph2 Improvements	\$ 47,943 \$ 109,712	
MOJE New Well, Tank & Ofc Bldg-Land Purch	\$ 6,635	
Enterprise Network Upgrade	\$ 754,114	
Test Global Automation - Phase 2	\$ 125,288	
e-Builder	\$ 279,460	
Application Architecture Upgrade 2021	\$ 145,271	
SuccessFactors EmplCentral & WFA 2021 Contract Management System	\$ 278,917 \$ 234,389	
Customer Digital Channels-Phase 1	\$ 47,711	
Enterprise Data Governance - 2022	\$ 80,402	
One Map - 2022	\$ 298,432	\$ 301,796
HR Case Management	\$ 47,582	
New Service Inquiry (NSI) Process Auto Payment Assistance Portal	\$ 9,870 \$ (1,248)	
Payment Assistance Portai Qualtrics Integration-CX Insights	\$ (1,248) \$ 22,038	
Enterprise MDM Platform-C-P1119	\$ 117,887	
Enterprise MDM Platform v1	\$ 46,685	
Enterprise MDM Platform v2	\$ 688,716	
SAP Enhancements - Device - 2022	\$ 53,703	
Risk Rate Phase 2	\$ 13,076	
Ask HR SAP Upgrade	\$ 81,842 \$ 354,824	

Report of

Missouri-American Water Company

Page F-17 ATTACHMENT B

CONSTRUCTION WORK IN PROGRESS (ACCT. 107) Report each project under construction, the complete cost of which is estimated to exceed \$100,000. Group by utility departments all projects for less than \$250,000

Description of Project (a)	Balance at End of Year (b)	Estimated of Proj (c)	-
Water:			
PMO Tool	\$ 79.947	\$ 1	08,084
Paradox 2022	\$ 17,219	\$	30,899
PowerPlant Upgrade	\$ 386,364	\$ 8	94,044
Payment Assistance Portal	\$ 40,652	\$ 5	600,710
Meter Data Management System	\$ 792,738	\$ 1,5	45,298
MDMS: Release 2	\$ 328,085	\$ 1,3	28,085
Doc Mgmt System Implementation	\$ 228,600	\$ 2	40,738
Data Privacy Technology Enh - Ph 2	\$ 13,146	\$ 3	855,677
Projects that are less than \$250,000	\$ 16,967,833	\$	-
Reclass entries			
Suspended CWIP Reserve/Workbasket Accrual	\$ (31,669)		
Total Water Utility Plant Construction Work in Progress	\$ 56,559,712	\$ 363,2	36,105
	(Total to Pg. F-16)		

NON-UTILITY PROPERTY (ACCOUNT 121)

Give a brief description and state the location of non-utility property included in Account 121 and date.
 Furnish particulars concerning sales, purchases or transfers of non-utility property during the year.

3. Minor items may be grouped.

Description and Location (a)	Date (b)	Balance at Beginning of Year (c)	Purchases, Sales, Transfers, etc. (d)	Balance at End of Year (e)
				\$ - \$ -
				\$- \$- \$-
				\$- \$- \$-
				\$ \$ \$
				\$- \$- \$-
				\$- \$-
				\$- \$- \$-
				\$- \$-
				\$- \$- \$-
				\$- \$- \$-
				\$- \$-
Total Non-Utility Property		<mark>\$</mark> -	\$ -	\$- \$- \$-
		(Total to Pg. F-10)		(Total to Pg. F-10)

ACCUMULATED PROVISION FOR DEPRECIATION AND AMORTIZATION OF NON-UTILITY PROPERTY (ACCOUNT 122)

Report below the information called for concerning depreciation and amortization of non-utility property.

Item (a)	Amount (b)
Balance at Beginning of Year	
Accruals for year charged to:	(Total to Pg. F-10)
Account 417 - Income from Non-utility Operations	
Account 418 - Non-operating Rental Income	
Other Accounts (Please specify.):	
Total Accruals for Year	\$-
Net Charges for Plant Retired: Book Cost of Plant Retired Cost of Removal Salvage (Credit) Total Net Charges	\$-
Other Debit or Credit Items (Please describe.):	
Balance at End of Year	\$ - (Total to Pg. F-10)

INVESTMENTS AND FUNDS (ACCOUNTS 123- 128 INCLUSIVE)

1. Report with separate subheadings for each account, the securities owned by the utility including date of issuance and date of maturity in description of any debt securities owned. Designate any securities pledged and explain purpose of pledge in footnote. Minor investments in Account 124 may be grouped by classes.

2. Report separately each fund account showing nature of assets included therein and list any securities included in fund accounts.

Name of Issuing Company and Description of Security (a)	Interest or Dividend Rate (b)	Par Value Per Share (c)	No. of Shares or Principal Amount (d)	Book Cost at End of Year (e)
<u>Investments in Associated Cos. (Acct 123):</u> Goodwill		\$ 1.00	849,203	\$ 849,203 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Total Investments in Associated Cos.				\$
Other Investments (Acct 124):				(Total to Pg. F-10)
				\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Total Other Investments				\$ - \$ -
<u>Special Funds (Accts. 125-128)</u> Sinking Funds (Acct 125):				(Total to Pg. F-10)
Total (Acct. 125)				\$ - \$ -
Depreciation Fund (Acct 126):				•
Total (Acct. 126)				\$ - \$ -
Other Special Funds (Acct 128):				\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$
Total (Acct. 128)				\$
Total Special Funds (Accts. 125-128)				\$ - (Total to Pg. F-10)

NOTES AND ACCOUNTS RECEIVABLE Report hereunder notes and accounts receivable included in Accounts 141, 142, 143, 145 and 146.

Particulars (a)	Account No. (b)		unts Receivable eginning of Year (c)	Notes Receivable at Beginning of Year (d)	Accounts Receivable at End of Year (e)	Notes Receivable at End of Year (f)
<u>Notes and Accounts Receivable (Accts. 141-144)</u> Customer Accounts Receivable (Acct. 142): Water Sewer Merchandising, jobbing and contract work Total Customer Accounts Receivable	142	\$ \$ <mark>\$</mark>	22,295,450 1,380,217 23,675,667	\$ -	\$ 26,690,534 \$ 1,509,851 \$ 28,200,385	\$ -
List below items included in Accounts 141, 143, 145 and 146, showing totals for each account and any interest rates:						
Notes Receivable (Acct 141):	141					
Total Account 141		\$	-	<mark>\$ -</mark>	<mark>\$ -</mark>	\$ -
Other Accounts Receivable (Acct 143):	143	\$	2,309,926		\$ 165,928	
Total Account 143		\$	2,309,926	\$-	\$ 165,928	\$-
Total Notes and Accounts Receivable (Acct. 141-143)		\$	25,985,592	\$ -	\$ 28,366,313	\$ -
Total Notes and Accounts Receivable (Accts. 141-143 Combined)		•		\$ 25,985,592 (Total to Pg. F-10)		\$ 28,366,313 (Total to Pg. F-10)
Receivables from Associated Companies (Accts. 145-146)						
Notes Receivable (Acct 145):	145			\$ -		\$-
Total Account 145		\$	-	\$-	\$-	\$-
Accounts Receivable (Acct 146): American Water Capital Corporation American Water Works Insurance American Water Works Service Company Total Account 146	146	\$ \$ \$	4,538,073 - 8,739,809 13,277,883	\$	\$ (541,992) \$ 1,856,365 \$ 2,959,864 \$ 4,274,237	<mark>\$</mark> -
Total Receivables from Associated Cos. (Accts. 145-146)		\$	13,277,883	\$-	\$ 4,274,237	\$
Total Receivables from Associated Cos. (Accts. 145-146 Combined)				\$ 13,277,883 (Total to Pg. F-10)		\$ 4,274,237 (Total to Pg. F-10)

ACCUMULATED PROVISION FOR UNCOLLECTIBLE ACCOUNTS (ACCOUNT 144)

Particulars (a)	Amount (b)	
Balance at Beginning of Year	\$ (3,141,7	
	(Total to Pg. F-10))
ADD: Provision for Uncollectibles During Year		
Collection of Accounts Previously Written Off: Sewer		
	\$ 2,551,1	167
vvale Other	φ 2,551,1	107
	\$ 2,551,1	167
DEDUCT: Accounts Written Off During Year		
Sewer		
Water	\$ 2,313,8	870
Other		
Total Accounts Written Off	\$ 2,313,8	870
Balance at End of Year	\$ (2,904,4	479)
	(Total to Pg. F-10))
Total Notes and Accounts Receivable LESS Accumulated Provisions for Uncollectible Accounts (Accts. 141-144)	\$ 31,270,7	792

MATERIALS AND SUPPLIES (ACCOUNTS 151-157 AND 163)

Particulars (a)	Account No. (b)	Balance at Beginning of Year (c)	Balance at End of Year (d)
Fuel Stock Fuel Stock Expenses	151 152	\$ 103,151	\$ 136,261
Plant Materials and Operating Supplies: Water	154	\$ 9,642,232	\$ 13,348,867
Sewer Other		\$ 9,642,232 \$ 18,985	
Total Plant Materials and Operating Supplies		\$ 9,661,217	\$ 13,403,075
Merchandise	155		
Other Materials and Supplies Total Materials and Supplies (Accts. 151-157)	156	\$ 100,734 \$ 9,865,103	
		(Total to Pg. F-10)	(Total to Pg. F-10)
Stores Expense (Total to Pg. F-10)	163		
Total Materials and Supplies PLUS Stores Expense (Accts. 151-157 & 163)		\$ 9,865,103	\$ 13,672,934

PREPAYMENTS (ACCOUNT 166)

Particulars (a)	Balance at Beginning of Year (b)	Balance at End of Year (c)
Prepaid Insurance Prepaid Rent	\$ 38,874	\$ 42,933
Other Prepayments (Please specify.):		
Prepaid Taxes	\$ (127,886	
	\$ 91,176	\$ 505,349
	\$ 26,181	
Total	\$ 28,345	\$ 591,580
	(Total to Pg. F-10)	(Total to Pg. F-10)

UNAMORTIZED DEBT DISCOUNT AND EXPENSE AND PREMIUM ON DEBT Report Net Discount and expense or premium separately for each security issue and indicate totals for Accounts 181 and 251.

Debt Issue to Which Related (a)	Balance at Beginning of Year (b)	Amount Amortized During the Year (Accts. 428, 429) (c)	Balance at End of Year (d)	
Unamortized Debt Discount and Expense (Acct. 181)	\$ 9,643,769 \$ - \$ - \$ - \$ -	\$ (1,076,560)	\$ 10,720,329 \$ - \$ - \$ - \$ -	
Total (Acct. 181)	\$ 9,643,769 (Total to Pg. F-10)	\$ (1,076,560) (Total to Pg. F-12)	\$ 10,720,329 (Total to Pg. F-9)	
<u>Unamortized Premium on Debt (Acct. 251)</u>	(10tan 10 + g. 1 - 10) \$ - \$ - \$ - \$ -	(1000 10 f g, f = 12)	\$ - \$ - \$ - \$ -	
Total (Acct. 251)	\$ - \$ - (Total to Pg. F-11)	\$ - (Total to Pg. F-13)	\$ - \$ - (Total to Pg. F-11)	

MISCELLANEOUS DEFERRED DEBITS Report separately amounts in Accounts 182 and 186 and describe major items included in these accounts. For Account 182, show date of letter or order number authorizing amortization period.

Name of Account & Description of Item (a)	Date of Letter or Order No. (b)		Balance at Beginning of Year (c)		Beginning of Year During Year			Credits During Year (e)		Balance at End of Year (f)
Extraordinary Property Losses (Acct. 182) Total (Acct. 182)		\$	-	6		¢		\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	-	
Misc. Deferred Debits (Acct. 186)		9 \$	(Total to Pg. F-10) 62,245,570	ه \$	87,286,653	ب	92,687,410	9 \$	(Total to Pg. F-10) 56,844,813	
Total (Acct. 186)		\$ \$ <mark>\$</mark>	- - 62,245,570 (Total to Pg. F-10)	\$	87,286,653	\$	92,687,410	\$ \$	56,844,813 (Total to Pg. F-10)	

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Report of Missouri-American Water Company

For the calendar year of January 1 - December 31,

2022

UNAMORTIZED DEBT DISCO	UNT AND EXPENSE AND PR	EMIUM ON DEBT		
Report Net discount and expense or premium separately for each security				
Debt Issue to Which Related (a)	Amount Beginning of Year	Amount Written Off During Year (b)	Other Debits During Year	Balance End Of Year (c)
General Mortgage, 7.79% Series	20,580	3,790		16,790
General Mortgage, 8.58% Series	8,221	2,585		5,636
General Mortgage, 7.14% Series	101,835	8,361		93,474
General Mortgage, 5.50% Tax-Exempt Series	12,980	12,981		(0)
General Mortgage, 5.00% 1998A Tax-Exempt Series	-	-		-
General Mortgage, 5.85% Tax-Exempt Series	66,998	14,889		52,110
General Mortgage, 5.00% 1998B Tax-Exempt Series	115,302	7,302		108,000
General Mortgage, 5.90% Tax-Exempt Series	546,808	34,626		512,182
General Mortgage, 5.20% Tax-Exempt Series	-	-		-
Mortgage Bonds, Series Q (Called during 2002)	225,625	28,500		197,125
Mortgage Bonds, Series R (refinanced as Series X)	-	-		-
Mortgage Bonds, Series S (refinanced as Series Y)	5,421	5,423		(2
Mortgage Bonds, Series T	28,170	26,003		2,166
Mortgage Bonds, Series U	67,424	19,734		47,690
Mortgage Bonds, Series V	153,473	31,753		121,720
Mortgage Bonds, Series X	-	-		-
Mortgage Bonds, Series Y	574,519	36,327		538,192
AWCC Notes Payable 4.00% Series	1,708,206	7,800		1,700,406
AWCC Notes Payable 144A 6.593% Series	547,126	34,624		512,502
AWCC Notes Payable 6.55% Series	-	-		-
AWCC Notes Payable 8.25% Series	176,306	81,267		95.039
AWCC Notes Payable 4.30% Series	126,752	4,193		122,559
AWCC Notes Payable 144A@ 3.85% Series	72,083	9,255		62,828
AWCC Notes Payable 144A@ 4.30% Series	952,527	(4,671)		957,198
AWCC Notes Payable 144A@ 4.60% Series	846,779	33,981		812,798
AWCC Notes Payable 144A@ 3.75% Series	812.564	17.060		795,503
AWCC Notes Payable 144A@ 2.95% Series	86,072	6,101		79,971
AWCC Notes Payable 144A@ 4.20% Series	439,128	14,808		424,320
AWCC Notes Payable 144A@ 4.15% Series	1,089,194	12,779		1,076,415
AWCC Notes Payable 144A@ 3.45% Series	1,225,220	31.251		1,193,969
AWCC Notes Payable 144A@ 2.30% Series	970,280	48,536		921,744
AWCC Notes Payable 144A@ 3.25% Series	967,730	18,948		948,782
AWCC Notes Payable 144A@ 4.45% Series		(991,688)		1,917,542
Unamortized Debt - Revolver Fee	261,965	(001,000)		432,289
	201,900			-02,203
Total	\$ 12,209,286	\$ (443,483)		\$ 13,748,947

ANNUAL REPORT TO THE MISSOURI PUBLIC SERVICE COMMISSION Page F-21 Attachment B For the Calendar Year of January 1 - December 31, 2022

MISCELLANEOUS DEFERRED DEBITS

	Balance	Charges	Credits	Balance
	First of	During the	During the	End of
	Year	Year	Year	Year
Deferred Rate Proceedings	657,598	871,055	744,334	784,319
Retirement Work In Process	1,949,149	56,136,516	55,442,781	2,642,885
Deferred Regulatory Assets - FAS 109	5,149,774	5,071,233	8,256,096	1,964,911
Deferred Regulatory Assets - AFUDC CWIP	8,795,217	-	8,795,218	(0)
Deferred Maintenance Costs	(1)	-	-	(1)
Deferred Regulatory Assets - Post Retirement Benefits	-	-	-	-
Deferred Regulatory Assets - FAS 112	-	-	-	-
Deferred Regulatory Assets - Closing Costs	10,767	12,034	22,800	-
Deferred Rogue Creek Water & Sewer System	352,024	151,310	60,182	443,152
Deferred Cost of Service Study Costs	-	-	-	-
Deferred Customer Service Project	3,192,294	-	339,005	2,853,290
Deferred Financial Services Project	2,667,207	-	283,243	2,383,964
Deferred Low Income Program Costs	22,786	4,704	7,365	20,126
Deferred "Make-Whole Premium Costs	7,714,818	-	826,197	6,888,621
Deferred Customer Lead Service Line Replacement	14,128,538	14,773,064	9,007,230	19,894,372
Deferred Insurance Other Than Group Costs	-	-	-	-
Deferred Reg Asset - Cost of Removal - RWIP	-	-	-	-
Deferred Other Costs	17,605,399	10,266,736	8,902,959	18,969,176
TOTAL	62,245,570	87,286,653	92,687,410	56,844,813

CLEARING ACCOUNTS (ACCOUNT 184) Show all clearing accounts maintained during the year even though no balance remains in account at end of year.

	Name of Account (a)	Balance at Beginning of Year (b)	Balance at End of Year (c)
NONE			
Total (Acct. 184)		\$ - (Total to Pg. F-10)	\$ - (Total to Pg. F-10)

CONSTRUCTION OVERHEADS

Report hereunder the total overheads and the total direct cost of construction for the year classified by utility departments and functional groups of plant accounts under each utility department.

			Construction Overhead				
Utility Department and Functional Group of Plant (a)		Direct Construction Cost (b)	Amount (c)	Percent (d)			
Tangible Plant Source of Supply Plant Pumping Plant Transmission & Distribution Plant General Plant	\$ \$ \$ \$	1,580,314.25 8,527,888.64 57,872,731.52 306,400,966.96 49,276,142.64	\$ 613,968.84 \$ 4,166,571.05 \$ 22,059,463.33	7.20% 7.20% 7.20% 7.20% 7.20%			
Total	\$	423,658,044.00	\$ 30,501,434.70				

Report hereunder the kinds of construction overheads for the year according to the titles used by the utility. Taxes during construction and AFUDC should be shown as separate items.

Class of Overhead (e)		Amount Charged to Construction (f)	% of Total Construction in Column (b) (g)
Pensions		\$ 3,598,996.94	0.85%
Worker's Compensation		\$ 903,982.54	0.21%
AFUDC	:	\$ 1,575,644.66	0.37%
Transportation	:	\$ 3,844,954.04	0.91%
Group Insurance	:	\$ 10,496,559.26	2.48%
OPEB Non Specific Capitalized Labor	:	\$ 10,081,297.25	2.38%
			0.00%
			0.00%
			0.00%
			0.00%
			0.00%
			0.00%
			0.00%
Total		\$ 30,501,434.70	
	Ē		

Report below the interest rate used in the practices of utility in capitalizing interest during construction.

Interest during construction is applied in general to all projects regardless of cost or length of construction period. Effective 1/1/85 the method of computing the allowance for funds used during construction was changed to using the equivalent to the weighted cost of capital, as determined in the most recent rate order net of the income tax effect upon the debt portion thereof.

CAPITAL STOCK ACCOUNTS AT END OF YEAR

	Shares				201 and 204 lance Sheet		ct. 217 uired Stock	Acct. 214
Class and Series (a)	Authorized by Charter (b)	Par Value Per Share (c)	Call Price End of Year (d)	Shares (e)	Amount (f)	Shares (g)	Amount (h)	Expense (i)
Common Stock Issued (Acct. 201):	40,000,000	none	N/A	27,744,421	\$ 95,994,075.00			missouri
								II-MIIIer Ivai
Total (Acct. 201) Preferred Stock Issued (Acct. 204):					\$ 95,994,075.00 (Total to Pg. F-11)		\$ -	- company
								ary
Total (Acct. 204)					s -		\$ -	<mark>\$ -</mark>
					(Total to Pg. F-11)		\$ (Total to Pg. F-11)	

OTHER CAPITAL LIABILITY (ACCOUNTS 202, 203, 205, 206 AND 212



Indicates formula cell.

For the calendar year of January 1 - December 31, 2022

OTHER PAID-IN-CAPITAL (ACCOUNTS 207-211)

Particulars (a)	Account No. (b)	Balance at Beginning of Year (c)	Balance at End of Year (d)	Increase (Decrease) (e)
Premium on Capital Stock	207			\$-
		(Total to Pg. F-11)	(Total to Pg. F-11)	
Donations Received from Stockholders Reduction in Par or Stated Value of Capital Stock Gain on Resale or Cancellation of Reacquired Cap. Stock	208 209 210			\$- \$- \$-
Miscellaneous Paid-in Capital	211	\$ 557,297,455.84	\$ 707,873,108.33	\$ 150,575,652.49
Total (Accts. 208-211)		\$ 557,297,455.84	\$ 707,873,108.33	\$ 150,575,652.49
		(Total to Pg. F-11)	(Total to Pg. F-11)	
Total Other Paid-in Capital (Accts. 207-211)		\$ 557,297,455.84	\$ 707,873,108.33	\$ 150,575,652.49
Explain Changes During Ye	ar Hereunder			

RETAINED EARNINGS (ACCOUNTS 215-216)

Particulars (a)	Appropriated (Acct. 215) (b)	Unappropriated (Acct. 216) (c)	Total (d)
Balance at Beginning of Year	\$-	\$ 298,927,008.12	\$ 298,927,008.12
Changes During the Year (Please explain in detail. Attach extra sheet if necessary.) Appropriated Retained Earnings (Acct. 215);		(Please see Pg. F-14 for detail of changes relating to this account.)	
Total Changes During the Year	\$-	\$ 22,947,696.75	\$ 22,947,696.75
	(Total to Pg. F-14)		
Balance at End of Year	\$ -	\$ 321,874,704.87	\$ 321,874,704.87
			(Total to Pg. F-11)

NOTES PAYABLE (ACCOUNT 231)

Name of Payee and Purpose for Which Issued (a)	Date of Note No. (b)	Date of Maturity (c)	Interest Rate (d)	Balance at End of Year (e)
Total Notes Payable (Acct. 231)				\$ - (Total to Pg. F-11)

Indicates link to another worksheet within workbook.

LONG-TERM DEBT (ACCOUNTS 221-224) Report data called for and show total for each long-term debt account at end of year.

					Held b	y Utility	Q
Description of Debt (a)	Nominal Date of Issue (b)	Nominal Date of Maturity (c)	Interest Rate (d)	General Call Price at End of Year (e)	Reacquired Bonds (f)	Sinking and Other Funds (g)	Amount any Outstanding Z (h)
Bonds (Acct. 221-222): SEE ATTACHMENT							Amount Outstanding (h) Missouri-American Water Company \$ 1,109,517,396.83
Total Bonds LESS Reacquired Bonds (Accts. 221-222) Advances from Associated Companies (Acct. 223):				\$	<mark>\$ -</mark>	<mark>\$-</mark> -	\$ 1,109,517,396.83 (Total to Pg. F-11)
Total Advances from Assoc. Cos. (Acct. 223) <u>Other Long-term Debt (Acct. 224):</u>				\$	\$ -	<mark>\$ -</mark>	\$ - (Total to Pg. F-11)
Total Other Long-term Debt (Acct. 224) Total Long-term Debt (Acct. 221-224) (Note: This total should match Total Long-term Debt on Pg. F-11.)				\$ - \$ -	\$ - \$ -	\$ - \$ -	\$ - (Total to Pg. F-11) \$ 1,109,517,396.83

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Description of Debt	Nominal Date of Issue	Nominal Date of Maturity	Interest Rate	General Call Price at End of Year	Reacquired Bonds	Sinking and Other Funds	Amount Outstanding
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
Bonds (Acct. 221-222):							
7.14% Series General Mortgage Bonds	03/01/1994	03/01/2034	7.14%				\$ 12,500,000
8.58% Series General Mortgage Bonds	03/01/1995	03/01/2025	8.58%				\$ 3,000,000
7.79% Series General Mortgage Bonds	06/12/1997	06/01/2027	7.79%				\$ 8,000,000
6.59% Series Notes Payable to affiliate 144A AWCC	10/22/2007	10/15/2037	6.59%				\$ 103,000,000
5.05% Series Notes Payable to affiliate	11/21/2011	10/15/2037	5.05%				\$ 25,000,000
4.30% Series Notes Payable to affiliate	12/17/2012	12/01/2042	4.30%				\$ 15,000,000
4.93% Series Notes Payable to affiliate	06/11/2012	10/15/2037	4.93%				\$ 18,292,000
4.93% Series Notes Payable to affiliate	06/11/2012	10/15/2037	4.93%				\$ 10,944,000
4.90% Series Notes Payable to affiliate	07/02/2012	10/15/2037	4.90%				\$ 2,331,000
4.90% Series Notes Payable to affiliate	07/02/2012	10/15/2037	4.90%				\$ 10,364,000
4.90% Series Notes Payable to affiliate	07/02/2012	10/15/2037	4.90%				\$ 13,081,000
5.05% Series Notes Payable to affiliate	07/02/2012	10/15/2037	4.90%				\$ 22,712,000
3.85% Series Notes Payable to affiliate	11/20/2013	3/1/2024	3.85%				\$ 25,000,000
4.30% Series Notes Payable to affiliate	8/13/2015	09/1/2045	4.30%				\$ 50,000,000
4.00% Series Notes Payable to affiliate	11/17/2016	12/1/2046	4.00%				\$ 107,480,000
3.75% Series Notes Payable to affiliate	8/22/2017	9/1/2047	3.75%				\$ 70,000,000
2.95% Series Notes Payable to affiliate	9/13/2017	9/1/2027	2.95%				\$ 12,646,633
4.2% Series Notes Payable to affiliate	8/9/2018	9/1/2048	4.20%				\$ 45,000,000
4.15% Series Notes Payable to affiliate	5/13/2019	6/1/2049	4.15%				\$ 75,000,000
3.45% Series Notes Payable to affiliate	4/14/2000	5/1/2050	3.45%				\$ 110,000,000
2.30% Series Notes Payable to affiliate	6/14/2021	6/1/2031	2.30%				\$ 90,000,000
3.25% Series Notes Payable to affiliate	5/14/2021	6/1/2051	3.25%				\$ 73,000,000
.74% Special Government Utility Mortgage Bond	3/10/2022	7/1/2041	0.74%				\$ 10,195,382
3.25% Series Notes Payable to affiliate	5/5/2022	6/1/2032	3.25%				\$ 200,000,000
Bond discount on 3.85% Series issuance 11/20/2013							\$ (21,049)
Bond discount on 4.30% Series issuance on 12/17/2012							\$ (19,036)
Bond discount on 4.30% Series issuance on 8/13/2015							\$ (517,427)
Bond discount on 4.00% Series issuance on 11/17/2016							\$ (741,833)
Bond discount on 3.75% Series issuance on 8/22/2017							\$ (183,124)
Bond discount on 2.95% Series issuance on 9/13/2017							\$ (23,534)
Bond discount on 4.20% Series issuance on 8/9/2018							\$ (21,620)
Bond discount on 4.15% Series issuance on 5/13/2019							\$ (362,666)
Bond discount on 3.45% Series issuance on 4/14/2020							\$ (118,255)
Bond discount on 2.30% Series issuance on 6/14/2021							\$ (229,198)
Bond discount on 3.25% Series issuance on 5/14/2021							\$ (198,141)
Bond discount on 4.45% Series issuance on 5/05/2022							\$ (592,736)
Total Bonds LESS Reacquired Bonds (Accts. 221-222)				\$	\$	\$	\$ 1,109,517,397

PAYABLES TO ASSOCIATED COMPANIES (ACCOUNTS 233-234) Include information requested in Columns (b), (c), and (d) for Notes Payable ONLY.

	Date	Date	Interest	Amounts at	End of Year		
Name of Company	of Issue	of Maturity	Rate	Notes Payable	Accounts Payable		
(a)	(b)	(c)	(d)	(e)	(f)		
<u>Notes Payable to Assoc. Cos. (Acct 233):</u> American Water Capital Corp.	N/A	N/A	Variable	\$ 138,020,434			
<u>Accts Payable to Assoc. Cos. (Acct 234):</u> Intercompany Clearing American Water Works Service Company American Water Works Insurance Co	N/A N/A N/A	N/A N/A N/A			\$ 4,706,640 \$ 1,992,356 \$ 70,117		
Total				\$ 138,020,434	\$ 6,769,113		
Total Payables to Assoc. Cos. (Accts. 233-234)					\$ 144,789,547 (Total to Pg. F-11)		

INTEREST ACCRUED (ACCOUNT 237)

		Balance at		Interest				Balance
	Beginning of Year		Accrued During Year		Interest Expense			at End
Class of Debt								of Year
(a)		(b)		(c)		(d)		(e)
	\$	7,281,885	\$	142,252,507	\$	141,510,841	\$	8,023,552
	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	-
	\$	-					\$	_
	\$	-					\$	_
	\$	-					\$	_
	\$	-					\$	-
	\$	-					\$	-
Total Interest Accrued (Acct. 237)	\$	7,281,885	\$	142,252,507	\$	141,510,841	\$	8,023,552
	(To	tal to Pg. F-11)					(Total to Pg. F-11)

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (ACCOUNT 242)

Minor items may be grouped by classes.

Description (a)	Balance at Beginning of Year (b)	Balance at End of Year (c)
SEE ATTACHMENT	\$ 20,975,013	
Total Misc. Current and Accrued Liabilities (Acct. 242)	\$ 20,975,013	\$ 21,300,850
	(Total to Pg. F-11)	(Total to Pg. F-11)

SCHEDULE ATTACHED TO AND MADE AS PART OF ANNUAL REPORT TO THE MISSOURI PUBLIC SERVICE COMMISSION Page F-27 Attachment

MISCELLANEOUS CURRENT AND ACCRUED LIABILITIES (ACCOUNT 242)

Minor items may be grouped by classes

Description (a)	Balance at Beginning of Year (c)	Balance at End of Year (b)		
Assessed Dividend Description				
Accrued Dividend Requirements Accrued Vacation Pay	- 712,896	- 745,843		
Accrued Water Purchases	96,824	121,824		
Accrued Power	823,215	,		
	,	1,050,415		
Accrued Legal	44,773	171,302		
Accrued Wages Accrued Insurance	1,052,998	1,232,818		
	(377,762)	-		
Accrued Severance	249,260	-		
Accrued Insurance Retro Adjustment	-	-		
Accrued Insurance Unfunded	-	-		
Accrued Waste Disposal	2,018,737	3,217,867		
Accrued Retiree Medical	258,000	252,000		
Accrued DCP - Contribution	101,057	113,296		
Accrued Health Savings Account	-	-		
Accrued Bank Fees	254,127	279,980		
Accrued Employer 401k Match	87,739	97,173		
Accrued Incentive Plan Cash	3,330,254	3,475,191		
Accrued Paving	382,767	443,851		
Accrued Litigation	3,250,000	-		
Accrued Audit Fees	-	-		
Unclaimed Credits	105,847	479,320		
Unclaimed Wages and Checks	47,965	178,635		
Withheld Payroll Amounts	331,229	345,820		
Operating Lease Current Liability	2,106,604	1,806,898		
Unbilled Items	1,543,228	1,877,345		
Collections for Others	614,023	1,074,926		
Deferred Revenue - Current Portion	598,047	597,986		
Other Current Liabilities	3,343,188	3,738,360		
Accrued Revenue	-			
Total Misc. Current and Accrued Liabilities (Acct. 242)	\$ 20,975,013	\$ 21,300,850		
TAXES ACCRUED (ACCOUNT 236)

1. The balance of accruals for income taxes should be classified by the years to which the tax is applicable.

2. The balance of any accruals materially in excess of the liability admitted by the tax returns of the utility shall be recorded in an appropriately designated reserve account.

3. Explain by footnote any items entered into Column (e).

Kind of Tax (a)	Balance at Beginning of Year (b)	Amounts Accrued (c)	Payments During Year (d)	Other Items Debit (Credit) (e)	Balance at End of Year (f)
Federal Income Tax Current Year Federal Income Tax Prior Year State Income Tax State Income Tax Prior Year	\$ 1,972,350 \$ (2,142,029 \$ - \$ (37,882	9) \$ - \$ 2,577,697	\$ -		\$ (12,961,570) \$ (2,142,029) \$ (3,762,788) \$ (37,882)
Current State Deferred Current Federal Deferred Accrued Sales Tax Real Estate and Personal Property		4) \$ 35,914,255	\$ 35,996,244		\$ - \$ - \$ 483,486 \$ (82,143)
FICA FUTA Federal Unemployment State Unemployment Gross Income and Receipt	\$ 330,849 \$ - \$ - \$ - \$ - \$ -	9 \$ 8,842,538 \$ 35,216 \$ 1,516	\$ 35,161		\$ 352,968 \$ 56 \$ - \$ - \$ -
General Tax - Other General Tax - Franchise Payroll Tax Clearing	\$ - \$ - \$ -				\$ - \$ - \$ - \$ -
					\$ - \$ - \$ - \$ -
					\$- \$- \$- \$- \$-
					\$- \$- \$- \$-
					\$- \$- \$- \$-
					\$- \$- \$- \$- \$- \$-
					\$ - \$ - \$ - \$ -
					\$- \$- \$- \$- \$- \$-
					\$ - \$ - \$ - \$ -
					\$- \$- \$- \$- \$-
					\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$
					\$ - \$ -
					\$ - \$ - \$ - \$ - \$ - \$ - \$ -
Total Taxes Accrued (Acct. 236)	\$ 225,90	1 \$ 91,840,427	\$ 110,216,232	\$	* - * - * - * (18,149,904)
	(Total to Pg. F-11)				(Total to Pg. F-11)

Company Name Missouri-American Water Company

RECONCILIATION OF REPORTED NET INCOME WITH TAXABLE INCOME FOR INCOME TAXES

- 1. Report hereunder a reconciliation of net income for the year with estimated taxable income used in computing income tax accruals and show computation of tax accruals.
- 2. If the utility is a member of a group that files a consolidated tax return, reconcile reported net income with federal taxable income from a separate tax return been filed. Report names of companies to consolidated group and basis of allocation of tax liability among members of the group.

	Am	ount
	State	Federal
Net Income for year as reported:		
Adjustments made to determine income (list additional income and		
unallowable deductions first, followed by additional deductions and		
nontaxable income):		
SEE ATTACHMENTS A & B		
Net Adjustments:	\$ -	\$-
Taxable Net Income	¢	¢
	\$-	\$-

Computation of Taxes

SCHEDULE ATTACHED TO AND MADE AS PART OF ANNUAL REPORT TO THE PUBLIC SERVICE COMMISSION OF MISSOURI Page F-29 Attachment "A"

Missouri-American Water Company Current Tax Provision and Calculation of Income Tax Accrual 2022

	Description	State	Federal
1 2	Net Income per Books Federal Income Tax Expense per books	\$ 90,644,084 \$ 3,925,321	90,644,084 3,925,321
3	State & Local Income Tax Expense per books	507,834	507,834
4	Pre-Tax Book Income	95,077,239	95,077,239
5 6	Permanent Differences: Meals and Entertainment	9.666	9,666
7	Nondeductible Penalties	(1,355)	(1,355)
8	Research and Development		-
9 10	Preferred Stock Dividends Preferred Stock Expense		
11	Medicare Subsidy		-
12	Nondeductible Donations		-
13 14	Stock Options RSU ESPP Windfall	(383,034)	(383,034)
14	Political Contributions Lobbying Expenses/Political Contributions	146,818	- 146,818
16	Qualified Transportation Fringe Benefits (QTF)	331,607	331,607
17	Total Permanent Differences	103,702	103,702
18 19	Financial Taxable Income Temporary Differences	95,180,941	95,180,941
20	Bad Debt	(143,973)	(143,973)
21	Vacation Pay		-
22 23	Loss Contract & Contingency Reserves	(194 252 701)	- (104.252.724)
23 24	Depreciation Amortization	(184,353,721)	(184,353,721)
25	Goodwill Amortization		-
26	Gains and Losses		-
27 28	Abandonment Losses Repairs		-
29	Cost of Removal		-
30	AFUDC	(223,226)	(223,226)
31 32	CIAC Pavement Repairs	61,084	- 61,084
33	Miscellaneous Deferred Debits/Credits (net)	(9,265,839)	(9,265,839)
34	Litigation Reserve	(3,250,000)	(3,250,000)
35	Accrued Sludge MTBE Settlement		-
36 37	Other LT Liabilities	(771,975)	- (771,975)
38	COVID-19	1,565,804	1,565,804
39	Depreciation Study		-
40 41	Cost of Service Study Deferred Revenue	(71,623)	- (71,623)
42	Rate Case Expense	(126,721)	(126,721)
43	Amortization of Debt Discount	826,197	826,197
44 45	Deferred Maintenance Deferred Customer Service Center Costs	339,005	- 339,005
45	Deferred Financial Services Costs	283,244	283,244
47	FAS 123 (r) Stock Options	168,240	168,240
48	FAS 123 (r) Restricted Stock Units		-
49 50	FAS 123 (r) ESPP Incentive	(104,323)	- (104,323)
51	Pension	(4,184,089)	(4,184,089)
52	Pension Reg Asset Liability		-
53 54	OPEB OPEB Reg Asset Liability	(8,412,141)	(8,412,141)
55	Taxable Advances (CAC)		-
56	Partnership Income/(Loss)		-
57 58	Bonds - FV Adjustment Operating Lease	(3,444)	- (3,444)
59	Foreign Exchange Gain (Loss)	(0,+++)	-
60	Accrued NOAA Settlement		-
61 62	Swap Contract FV Liability Refund Rates Under Bond		-
63	Stabilization		
64	Closing Cost Regulatory Asset	10,767	10,767
65 66	Consulting Fee Regulatory Asset Warranty Reserve		-
66 67	Interest Income Adjustment		-
68	Partnership Other Deductions		-
69 70	Partnership Other Capital Gain/Loss	100.050	-
70 71	Self-Insurance Trust Dividends	160,353	160,353
61	Total Temporary Differences	(207,496,381)	(207,496,381)
62	Federal Taxable Income Before SIT	(112,315,440)	(112,315,440)
63 64	Reclass current year loss benefit to deferred State Only Bonus Depreciation and Sec481(a) Adjustment		
65	Taxable Income	(112,315,440)	(112,315,440)
66	State Only Tax Adjustments	(1,121,345)	
67	NOL State Tax Deduction	11,364,417	4 092 905
68	Taxable Income	(102,072,368)	4,082,895 (108,232,545)
69	State/Federal Tax Rate	4.00%	21.0%
70 71	State/Federal Current Vear Income Tax Accrual	(\$4 000 005)	(\$22,700,005)
11	State/Federal Current Year Income Tax Accrual ADD:	(\$4,082,895)	(\$22,728,835)
72	Federal Only Tax Adjustments		1,853,517
72 73	SIT/Fit Prior Year	320,107	-
72 73 74			04 000 500
72 73 74 75	Def SIT/FIT	4,270,623	24,902,569 (101,928)
72 73 74			24,902,569 (101,928) 3,925,323
72 73 74 75 76	Def SIT/FIT Investment Tax Credits	4,270,623	(101,928)

COMPANIES TO BE INCLUDED IN THE CONSOLIDATED FEDERAL INCOME TAX RETURN OF AMERICAN WATER WORKS COMPANY, INC. AND AFFILIATED SUBSIDIARIES <u>Page F-29 Attachment "B"</u>

YEAR - 01/01/22-12/31/22

		Employer
	COMPANY	Identification
		Number
1	American Industrial Water LLC	47-1730161
	American Lake Water Company	06-1396121
	American Water (USA), LLC	98-0165920
	American Water Capital Corp.	22-3732448
	American Water Defense Services, LLC	84-1872466
	American Water Enterprises Holding, LLC	76-0605357
	American Water Enterprises, LLC	22-3169459
	American Water Federal Services, LLC	84-1888611
	American Water Military Services, LLC	47-3136886
	American Water Operations and Maintenance, LL	98-0165919
	American Water Real Property Holdings LLC	26-3196576
	American Water Services CDM, Inc.	91-1745331
	American Water Works Company, Inc.	51-0063696
	American Water Works Service Company, Inc.	23-1340234
	AW Insurance LLC	47-4426070
	AW Insurance LLC - Series B	84-4174267
	AW Insurance LLC - Series C	84-4174441
	AW Insurance LLC-Series A	84-4171067
	AW Technologies, LLC	45-3808303
	AWIP Holdings LLC	83-3607533
	Bluefield Valley Water Works Company	66-6022466
	California-American Water Company	51-0104148
	Edison Water Company	22-3519296
	Environmental Disposal Corporation	22-2391983
	Environmental Management, LLC	43-1205270
	E'town Properties, Inc.	22-2817018
	E'Town Services L.L.C.	42-1533685
	Georgia-American Water Company LLC	84-1783027
	Hawaii-American Water Company	99-0108667
	Illinois-American Water Company	51-0105894
	Indiana-American Water Company, Inc.	35-0936102
	Iowa-American Water Company	42-0735216
	Kentucky-American Water Company	61-0485002
	Laurel Oak Properties Corporation	20-1022964
	Liberty Water Company	22-3596293
	Maryland-American Water Company	52-0265025
37	Michigan-American Water Company	38-1657784
38	Missouri-American Water Company	44-0578460
39	Mt. Ebo Sewage Works, Inc.	13-3223856
40	New Jersey-American Water Company	22-1546642
41	New York American Water Company	11-1516966
42	One Water Street LLC	81-4501058
	Pennsylvania-American Water Company	25-1008096
44	Tennessee-American Water Company	62-0529095
	TWH LLC	52-1723310
	TWNA, Inc.	06-1548192
	Virginia-American Water Company	54-0119650
48	West Virginia-American Water Company	55-0307487

Mailing address for all above companies is: PO Box 2738 ATTN: Income Tax Department One Water Street Camden, NJ 08102-2738

NOTES AND EXPLANATIONS RELATING TO TAXES

Missouri calculates tax liability using a stand alone basis.

Income Tax Accruals (both Federal and State) are calculated by taking the Net Income multiplied by the tax rate. See Page F-29 Attachment "A" lines 65-68 for the current year tax accrual computation. Lines 1-64 show the computation of Net Income used to calculate the Income Tax accrual for 2022.

ADVANCES FOR CONSTRUCTION (ACCOUNT 252)

Report below the information called for concerning advances for construction.

	Balance	C	Debits		Balance
	at Beginning	Account	Amount	Amount	at End
Class of Utility Service	of Year	Credited	Debit	Credit	of Year
(a)	(b)	(c)	(d)	(e)	(f)
Water	\$ 21,031,320				\$ 21,031,320
Receipts	\$ (221,918				\$ (221,918)
Refunds	\$ (19,186,095		\$ 861,023		\$ (20,047,118)
Transfer Expired Extension Deposits	\$ (11,790				\$ (11,790)
Developer Funded Asset Projects	\$-	252			\$-
	\$-				\$-
Sewer	\$ 57,388				\$ 57,388
Receipts	\$ (6,815				\$ (6,815)
Refunds	\$-	131			\$-
Transfer Expired Extension Deposits	\$ -	271			\$ -
Developer Funded Asset Projects	\$-	252			\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
					\$ -
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					\$-
					\$ -
					\$ -
		4			\$-
Total Advances for Construction (Acct. 252)	\$ 1,662,090		\$ 861,023	\$ -	\$ 801,067
	(Total to Pg. F-11)				(Total to Pg. F-11)

DISTRIBUTION OF TAXES TO ACCOUNTS

Report hereunder the accounts and functions charged with taxes accrued and taxes cleared from prepaid accounts during the year. Where allocation is necessary, explain the basis used for such allocation. Report in footnote the amounts and kinds of taxes cleared from prepaid taxes, if any.

Account Number or Function Charged (a)	Real Estate and Personal Property Taxes (b)	State Income Taxes (c)	Federal Income Taxes (d)	FICA and Federal & State Unemployment Taxes (e)	Local Property Taxes (f)	State & Local Taxes Paid to Other States (g)	Other Taxes (h)	Total (i) \$ 34,851,578 \$ 141,130 \$ - \$ 34,992,709 (Total to Pg. F-13) \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ -
Taxes Other Than Income Taxes-Utility Operating Income (Acct. 408.1) Water Sewer Other Total (Acct. 408.1)	\$ 32,326,109 \$ 7,719 \$ 32,333,828		<mark>\$ -</mark>	\$ 2,525,469 \$ 133,411 \$ 2,658,881	\$ -	\$ -	\$ -	\$ 34,851,578 \$ 141,130 \$ - \$ 34,992,709
Taxes Other Than Income Taxes-Other Income & Deductions (Acct. 408.2) Water Sewer								(Total to Pg. F-13)
Other Total (Acct. 408.2)	<mark>\$ -</mark>	\$	<mark>\$-</mark>	<mark>\$-</mark>	<mark>\$-</mark>	\$	\$	\$ - \$ - (Total to Pg. F-13)
ncome Taxes - Utility Operating Income (Acct. 409.1) Water Sewer Other		\$ (3,762,788)						\$ (24,638,109) \$ - \$ -
Total (Acct. 409.1)	<mark>\$ -</mark>	\$ (3,762,788)	\$ (20,875,320)	\$-	\$-	\$-	\$ -	\$ (24,638,109 (Total to Pg. F-13)
Income Taxes-Other Income & Deductions (Acct. 409.2) Water Sewer Other	-	-	-	-		-	-	\$ - \$ - \$ -
Total (Acct. 409.2)	<mark>\$ -</mark>	\$ -	\$ -	\$ -	\$ -	\$-	\$ -	(Total to Pg. F-13)
Clearing Accounts Construction Other (Please specify):								- - - - - - - - - - - - - - - - - - -
						0		- - - - - - - -
Total	\$ -	\$-	\$-	\$-	\$-	\$-	\$ -	\$ -

For the calendar year of January 1 - December 31 2022

- 1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote, state the method of accounting adopted and whether the company has consented to pass the entire amount of tax credits on to customers in the year used to reduce taxes and if so, state the amount of such credits passed on.
- 2. As indicated in Column (a), the schedule shall show each year's activities commencing with 1962 and shall separately identify the data for the various rates.
- 3. Report in Column (b), the amount of investment tax credits generated from properties acquired for use in public utility operations and report in Column (c) the amount of such generated credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also, explain by footnote any adjustment to Columns (b), (c), and (d) such as for correcting, etc., or carryback or unused credits.
- 4. Report in Column (d) the weighted-average useful life of all properties used in computing the investment tax credits in Column (b).
- Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years.
 Separate amounts according to classification of utility using an additional page, if necessary.

1962-1974 3% 4% 7% 1975-1976 3% 4% 7% 10% 11% 1977 3% 4% 7% 10% 11% 11% 1977 3% 4% 7% 10% 11% 11% 11% 1978 3% 4% 7% 10% 1976 3% 4% 7% 10%	
3% 4% 7% 10% 11% 1977 3% 4% 7% 10% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11% 11%	
3% 4% 7% 10% 11% <u>1978</u> 3% 4% 7%	
3% 4% 7%	
10% 11%	
1979 3% 4% 7% 10% 11%	
1980 3% 4% 7% 10% 11%	
<u>Footnote(s)</u>	

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented to pass the entire amount of tax credits on to customers in the year used to reduce taxes and if so, state the amount of such credits passed on.

2. As indicated in Columb (A), the schedule shall show each year's activities commencing with 1962 and shall separately identify the data for the various rates.

the data for the various rates. 3. Report in Column (B) the amount of investment tax credits generated from properties acquired for use in public utility operations and report in Column (C) the amount of such generated credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (B), (C), and (D) such as for corrections, etc. or carryback or unused credits.

 Report in Columb (D) the weighted-average useful life of all properties used in computing the investment tax credits in Columb (B).

 $\,$ 5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in

subsequent years

6. Separate amounts according to classification of utility using an additional page if necessary.

			Weighted Average
	Credit Generated	Credit Utilized	Useful Life
Year (A)	For Year (B)	For Year (C)	of Property (D)
	(В)	(C)	(D)
1962-1974			
3%	40,320	794	71 yrs.
4%	32,316	804	56 yrs.
7%			
1975-1976			
3%			
4%	58	1	58 yrs.
7%			
10%	25,550	629	57 yrs.
11%			
1977			
3%			
4%			
7%			
10%	12,550	360	48 yrs.
11%			
1978			
3%			
4%			
7%			
10%	19,776	465	59 yrs.
11%			
1979			
3%			
4%			
7%			
10%	29,199	822	49 yrs.
11%			•
1980			
3%			
4%			
7%			
10%	56,027	2,023	39 yrs.
11%			
1981			
10%	10,768	266	56 yrs.
1982			
10%	45,650	1,738	36 yrs.
3 10%	24,341	915	37 yrs.
4 10%	91,930	3,118	41 yrs.
35 10%	33,314	1,051	44 yrs

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented to pass the entire amount of tax credits on to customers in the year used to reduce taxes and if so, state the amount of such credits passed on. credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (B), (C), and (D) such as for corrections, etc. or carryback or unused credits. 4. Report in Columb (D) the weighted-average useful life of all properties used in computing the investment tax credits in Columb (B).

2. As indicated in Columb (A), the schedule shall show Columb (B). year's activities commencing with 1962 and shall separately identify the data for the various rates. each year for

3. Report in Column (B) the amount of investment tax subsequent years credits generated from properties acquired for use in public utility operations and report in Column (C) the amount of such generated using an additional using an additional subsequent years.

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in F-32B

 Separate amounts according to classification of utility using an additional page if necessary.

			Weighted Average
	Credit Generated	Credit Utilized	Useful Life
Year	For Year	For Year	of Property
(A)	(B)	(C)	(D)
1962-1974			
3%	106,644	2,530	55 yrs.
4%	42,371	940	59 yrs.
7%	42,571	340	59 yrs.
1975-1976			
3%			
4%	124	3	62 yrs.
7%	121		02 yrs.
10%	42,580	1,412	39 yrs.
11%	42,000	1,412	00 yit.
1977			
3%			
4%			
7%			
10%	28,936	893	42 yrs.
11%			
1978			
3%			
4%			
7%			
10%	61,672	1,535	52 yrs.
11%			•
1979			
3%			
4%			
7%			
10%	58,724	1,811	42 yrs.
11%	30,724	1,011	42 yrs.
1980			
3%			
4%			
7%			
10%	62,133	2,339	41 yrs.
11%			
1981			
10%	32,591	968	44 yrs.
1982			
10%	49,007	1,990	32 yrs.
983 10%	59,196	1,865	41 yrs.
983 10% 984 10%	157,853	5,049	41 yrs. 41 yrs.
985 10%	107,000	2,473	4 i yis.
10%	43,724	2,473	23 yrs.

1. This schedule shall be prepared by the reporting

company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented to pass the entire amount of tax credits on to customers in the year used to reduce taxes and if so, state the amount of such credits passed on.

 As indicated in Columb (A), the schedule shall show each year's activities commencing with 1962 and shall separately identify the data for the various rates.

3. Report in Column (B) the amount of investment tax credits generated from properties acquired for use in public utility operations and report in Column (C) the amount of such generated

credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (B), (C), and (D) such as for corrections, etc. or carryback or unused credits.

 Report in Columb (D) the weighted-average useful life of all properties used in computing the investment tax credits in Columb (B).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in

subsequent years

6. Separate amounts according to classification of utility using an additional page if necessary.

			Weighted Average
	Credit Generated	Credit Utilized	Useful Life
Year	For Year	For Year	of Property
(A)	(B)	(C)	(D)
1962-1974			
3%	49,693	2,021	45 yrs.
4%	29,467	1,056	40 yrs.
7%			
1975-1976			
3%			
4%	80	1	45 yrs.
7%			
10%	26,307	1,245	31yrs.
11%			
1977			
3%			
4%			
7%			
10%	16,428	770	21 yrs.
11%			
1978			
3%			
4%			
7%			
10%	36,063	1,229	29 yrs.
11%			
1979			
3%			
4%			
7%			
10%	37,048	1,606	23 yrs.
11%			
1980			
3%			
4%			
7%			
10%	47,023	2,638	18 yrs.
11%			
1981			
10%	19,625	754	26 yrs.
1982			
10%	39,291	2,246	17 yrs.
983 10%	20,600	916	22 yrs.
984 10%	60,310	2,540	24 yrs.
985 10%	18,138	1,147	16 yrs.

Missouri-American Water Company

INVESTMENT TAX CREDITS GENERATED AND UTILIZED

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented to pass the entire amount of tax credits on to customers in the vear used to reduce taxes and if so, state the amount of such credits passed on.

2. As indicated in Columb (A), the schedule shall show each year's activities commencing with 1962 and shall separately identify the data for the various rates.

3. Report in Column (B) the amount of investment tax credits generated from properties acquired for use in public utility operations and report in Column (C) the amount of such generated

credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (B), (C), and (D) such as for corrections, etc. or carryback or unused credits.

4. Report in Columb (D) the weighted-average useful life of all properties used in computing the investment tax credits in Columb (B).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in subsequent years

6. Separate amounts according to classification of utility using an additional page if necessary.

	Report data called for and show total for each Long		Weighted Average
	Credit Generated	Credit Utilized	Useful Life
Year	For Year	For Year	of Property
(A)	(B)	(C)	(D)
1962-1974			
3%	1,030,635	1,030,635	71.1
4%	645,326	645,326	71.1
4% 7%	045,320	045,320	
1975-1976			
3%	33,102	33,102	10
4%	35,475	35,475	10
7%			
10%	479,932	479,932	74.3
11%			
1977			
3%	620	620	10
4%	14,628	14,628	10
7%	14,020	14,020	10
10%	627,022	672,022	61.7
10%	027,022	072,022	01.7
1978			
3%	781	781	10
4%	4,112	4,112	10
7%			
10%	557,813	557,813	73.3
11%			
1979			
3%	182	182	10
4%	3,737	3,737	10
7%	5,737	3,737	10
	500.000	500.000	74.0
10%	593,303	593,303	71.0
11%			
1980			
3%	185	185	10
4%	3,038	3,038	10
7%			
10%	358,538	358,538	69.2
11%			
1981			
3%	30	30	10
4%	1,943	1,943	10
7%	1,040	1,848	10
10%	498,226	498,226	73.6
1078	498,220	490,220	75.0
1000			
1982			
4%	630	630	10
10%	387,092	387,092	74.8
1983			
4%	558	558	10
10%	399,574	399,574	74.1
1984			
4%	311	311	10
10%			
	425,275	425,275	67.1
1985			
4%	873	873	10
10%	1,660,477	1,660,477	75.3
986 10%	341,555	341,555	82.0
987 10%	-157,854	-157,854	(
988 10%	-864	-864	-67.9
989 10%	-482	-482	72.7
990 10%	-71	-71	2

1. This schedule shall be prepared by the reporting company regardless of the method of accounting adopted for the investment tax credits. By footnote state the method of accounting adopted, and whether the company has consented to pass the entire amount of tax credits on to customers in the year used to reduce taxes and if so, state the amount of such credits passed on.

 As indicated in Columb (A), the schedule shall show each year's activities commencing with 1962 and shall separately identify the data for the various rates.

3. Report in Column (B) the amount of investment tax credits generated from properties acquired for use in public utility operations and report in Column (C) the amount of such generated credits utilized in computing the annual income taxes. If there are other utility or nonutility operations, show any applicable generated and utilized investment tax credits in a footnote. Also explain by footnote any adjustment to Columns (B), (C), and (D) such as for corrections, etc. or carryback or unused credits.

 Report in Columb (D) the weighted-average useful life of all properties used in computing the investment tax credits in Columb (B).

5. Show by footnote any unused credits available at end of each year for carry forward as a reduction of taxes in

subsequent years

6. Separate amounts according to classification of utility

using an additional page if necessary.

Report data called for and show total for each Long-term debt account at end of year.

	Report data called for and show total for e	ach Long-term debt account at end of year.	
	One it's Original to d	0	Weighted Average
	Credit Generated	Credit Utilized	Useful Life
Year	For Year	For Year	of Property
(A)	(B)	(C)	(D)
1962-1974			
3%			
4%			
7%			
1975-1976			
3%			
4%			
7%			
10%			
11%			
1977			
3%			
4%			
7%			
10%			
11%			
1978			
3%			
4%			
7%			
10%			
11%			
1979			
3%			
4%			
7%			
10%			
11%			
1980			
3%			
4%			
7%			
10%			
11%	T T		
1981			
10%	95,715	4,928	
	95,715	4,928	
1982			
10%			
1983 10%			
1984 10%			
1985 10%			

ACCUMULATED DEFERRED INVESTMENT TAX CREDITS (ACCOUNT 255)

Report as specified below information applicable to Account 255. Where appropriate balance, shown in Column (g). Include in Column (i) the average period over which t			by utility and non-utility o	perations. Exp	lain by footnote any correct	ion adjustments to the ac	count	
	Balance				Allocations to ent Year's Income		Balance	Average Period
Account Subdivisions (a)	at Beginning of Year (b)	Account No. (c)	Amount (d)	Account No. (e)	Amount (f)	Adjustments (g)	at End of Year (h)	of Allocation to Income (i)
Itility Operations Deferred to Future Periods:		412.10		412.11				
55 x 1 3%	\$ 2,416,259				\$ (98,028)		\$ 2,318,231	
55 x 2 4% 55 x 3 10%	\$ 1 \$ 13,490				\$ - \$ (3,900)		\$1 \$9,590	
Total Utility Operations Deferred to Future Periods	\$ 2,429,750		\$	-	\$ (101,928) (Total to Pg. F-13)	\$ -	\$ <u>2,327,822</u>	
tility Operations, Restored to Operating Income:		412.20		412.21				
Total Utility Operations, Restored to Operating Income	\$ -		\$ - (Total to Pg. F-13)		\$- (Total to Pg. F-13)	\$ -	<mark>\$-</mark>	
Itility Operations, Restored to Nonoperating Income:		412.30	(101811019.1-10)	412.31	(10001019.1-10)			
Total Utility Operations, Restored to Nonoperating Income	\$ -		<mark>\$</mark>		\$	\$ -	\$-	
Ionutility Operations. Net:		412.40	(Total to Pg. F-13)	412.41	(Total to Pg. F-13)			
Total Nonutility Operations, Net	\$ -		<mark>% -</mark>		<mark>\$ -</mark>	\$ -	<mark>\$-</mark>	
otal Accum. Def. Inv. Tax Credits (Acct. 255)	\$ 2,429,750 (Total to Pg. F-11)		<mark>\$</mark> -		\$ (101,928)	\$ -	\$ 2,327,822 (Total to Pg. F-11)	

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For the calendar year of January 1 - December 31, 2022

ACCUMULATED DEFERRED INCOME TAXES - ACCELERATED AMORTIZATION (ACCOUNT 281)

1. Report the information called for below concerning the respondent's accounting for deferred income taxes relating to amortizable property. 2. In the space provided, furnish explanations, including the lowing in columnar order: (a) State each certification number with a brief description of property; (b) Total and amortizable cost of such property; (c) Date amortization for tax purposes commenced; (a) mar depreciation rate used in computing the deferred tax; and (a) Tax rate used to originally determanums and the tax rate used during the current year to amortize previous deferrals. 3. Other (Please specify) - include deferral relating to other income and deductions.

Certification Number and Brief Description of Property (b)	Total Cost of Property (c)	Amortizable Cost of Property (d)	Balance at Beginning of Year (e)	Amounts Debited Account 410.1 (f)	Amounts Credited Account 411.1 (g)	Amounts Debited Account 410.2 (h)	Amounts Credited Account 411.2 (i)	Acct. No. (j)	Debit Amount (k)	Acct. No. (I)	Credit Amount (m)	Balance at End of Year (n)
												S
												\$ \$ \$
												s s
												S S
												\$ \$ \$
												\$ \$ \$ \$
												\$
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												\$ \$ \$
	s -	s -	s -	\$ -	s -	\$ -	s -		s -		s -	\$ \$ \$
	-			-	·	-	-		Ť		-	
			(Total to Pg. F-36)	(Total to Pg. F-36)	(Total to Pg. F-36)	(Total to Pg. F-36)	(Total to Pg. F-36)					(Total to Pg. F-
			Footnote(s)				1				
	of Property	of Property of Property	of Property of Property of Property	(b) (c) (d) (e)	(c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)	(c) (d) (e) (f) (g) Image: Second se	(b) (c) (d) (c) (d) (d) <td>(b) (c) (c)<td></td><td>(b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c</td><td></td><td>$\begin{tabular}{ c c c c c c } \hline (1) &$</td></td>	(b) (c) (c) <td></td> <td>(b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c</td> <td></td> <td>$\begin{tabular}{ c c c c c c } \hline (1) &$</td>		(b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c		$ \begin{tabular}{ c c c c c c } \hline (1) & $

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ACCUMULATED DEFERRED INCOME TAXES - LIBERALIZED DEPRECIATION (ACCOUNT 282)

1. Report the information called for below covering the respondent's accounting for deferred income taxes relating to property not subject to accelerated amortization.

2. In the space provided below, please provide explanations including the following:

(a) State the general method or methods of liberalized depreciation being used (i.e., sum of years digits, declining balance, etc), estimated lives, (i.e., useful lives, guideline class life, etc.) and classes of plant to which each method is being applied and date method was adopted. (b) Furnish a table for each year, 1954 to date of this report, the annual amounts of tax deferrals and with respect to each year's tax deferral, the total debits hereto which have been accounted for as credits to Accounts 411.2 - Provisions for Deferred Income Taxes - Cr., Other Income and Deductions, or comparable account of previous system of accounts. Also, please explain the basis used to defer amounts for the latest year (straight-line tax rate to liberalized tax rate, etc.). Please state whether the accounting for liberalized depreciation has been directed or approved by any state commission.

					Changes During the Year				Adjus	Adjustments			
	General Method(s) of		Class of Plant to	Balance					I	Debits	(Credits	
Account Subdivisions (a)	Liberalized Depreciation Being Used * (b)	Estimated Lives ** (c)	which Each Method is Being Applied (d)	at Beginning of Year (e)	Amount Debited Account 410.1 (f)	Amounts Credited Account 411.1 (g)	Amounts Debited Account 410.2 (h)	Amounts Credited Account 411.2 (i)	Acct. No. (j)	Amount (k)	Acct. No. (I)	Amount (m)	Balance at End of Year (n)
erated Amort. (Acct. 282):													
wer													\$
													\$
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													\$
ner (Please define.)													\$
													\$ \$ \$
													\$
													\$ \$
													\$ \$ \$
													3 \$
													\$
Total (Account 282)				\$ -	\$-	\$-	\$-	\$ -		\$ -		\$ -	\$
				(Total to Pg. F-36)	(Total to Pg. F-36)	(Total to Pg. F-36)	(Total to Pg. F-36)	(Total to Pg. F-36)	ĺ		Ī		(Total to Pg. F-

Company Name

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* i.e., sum of years digits, declining balance, etc.

** i.e., useful lives, guideline class life, etc.

ACCUMULATED DEFERRED INCOME TAXES - OTHER (ACCOUNT 283)

		Changes During the Year Adjustments			Adjustments					
	Balance					Del	bits	Cre	edits	
Account Subdivisions of Year (a) (b)	of Year	Amount Debited Account 410.1 (c)	Amounts Credited Account 411.1 (d)	Amounts Debited Account 410.2 (e)	Amounts Credited Account 411.2 (f)	Acct. No. (g)	Amount (h)	Acct. No. (i)	Amount (j)	Balance at End of Year (k)
ulated Deferred Income Taxes (Acct. 283):										
ver										\$ \$
ter	\$ 331,618,210	\$ 29,173,191.34								\$ 377,632,0 \$ 377,632,0 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5 \$ 5
er										5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
Total (Account 283)	\$ 331,618,210	\$ 29,173,191.34	\$-	<mark>\$ -</mark>	\$-		<mark>\$ -</mark>		\$ <u>16,840,665</u>	\$ \$
fication of Total: leral Income Tax te Income Tax al Income Tax										

Indicates link to another worksheet within workbook.

Indicates formula cell.

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PROPERTY INSURANCE AND INJURIES AND DAMAGES RESERVES (ACCOUNTS 261-262)

Particulars (a)	Acct. 261 (b)	Acct. 262 (c)
Balance at Beginning of Year		
Additions During the Year (Please specify utility and account charged.):	(Total to Pg. F-11)	(Total to Pg. F-11)
Total Additions	\$ -	\$
Deductions During the Year (Please specify.):	•	•
Total Deductions	\$ -	<mark>\$</mark>
Net Increase (Decrease) During the Year	-	<mark>\$ -</mark>
Balance at End of Year	\$ - (Total to Pg. F-11)	\$ - (Total to Pg. F-11)
Explain nature of risks for which above reserves have been established and give actual or estimate liability for claims at end of y	ear.	

OTHER RESERVES (ACCOUNTS 263-265)

Name and Purpose of Each Reserve (a)	Balance at Beginning of Year (b)	Balance at End of Year (b)
	\$ 19,821,531	\$ 27,117,116
Total Other Reserves (Accts. 263-265)	\$ 19,821,531	\$ 27,117,116
	(Total to Pg. F-11)	(Total to Pg. F-11)

CONTRIBUTIONS IN AID OF CONSTRUCTION (ACCOUNT 271)

			Charges Du	ring the Year	
Class of Utility Service (a)	Balance at Beginning of Year (b)	Credits During the Year (c)	Acct. No. Credited (d)	Amount (e)	Balance at End of Year (f)
Sewer	\$ 13,067,171 \$ -	\$ 1,787,247	403	\$ 2,224,174	\$ 13,504,098 \$ -
	\$- \$- \$\$- \$				\$- \$- \$\$- \$
Water	\$ - \$ - \$ - \$ 277,089,142	\$ 46,778,970	403	\$ 58,966,541	\$- \$- \$- \$289,276,714
	\$- \$- \$- \$-				\$- \$- \$- \$-
Total Contributions in Aid of Construction (Acct. 271)	\$ - \$ - \$ - \$ - \$ - \$ - \$ 290,156,313	\$ 48,566,216		\$ 61,190,716	\$ - \$ - \$ - \$ - \$ - \$ - \$ 302,780,812
	(Total to Pg. F-11)			÷ 01,100,110	(Total to Pg. F-11)

Indicates link to another worksheet within workbook.

Company Name Missouri-American Water Company

INCOME FROM UTILITY PLANT LEASED TO OTHERS (ACCOUNT 413) Show hereunder particulars concerning revenues, expenses and net income from lease of utility plant constituting a distinct operating unit or system. Report data for each lease arrangement. Use additional sheets if necessary.

Particulars (a)	Total (b)	(c)	(d)
Rentals received (Please specify from whom received and identify property leased.)			
Total Rentals Expenses: Operation	<mark>\$</mark> -	\$-	\$-
Maintenance Depreciation Expense Amortization Expense Taxes Other than Income Taxes Income Taxes	¢	e	e
Total Expenses Net Income from Utility Plant Leased to Others (Acct. 413)	\$ - \$ - (Total to Pg. 13)	\$- \$-	\$- \$-

INCOME FROM MERCHANDISING, JOBBING AND CONTRACT WORK (ACCOUNTS 415-416)

Particulars (a)	Sev (b		Water (c)		Total (d)
Sales: Gross Sales			250 520	¢	050 500
Gross Sales		\$	258,538	\$	258,538
Deductions:					
Discount and Allowances				\$	-
Merchandise Returns				\$	-
Total Deductions	\$	- \$	-	\$	-
Net Sales	\$	- \$	258,538	\$	258,538
Cost of Sales	· ·	÷	,	\$	
Gross Profit from Sales	\$	- \$	258,538	\$	258,538
Expenses (List hereunder expenses by major classes including the following):					
Depreciation Expense				\$	-
Customer Accounts Expense		\$	(81,674)	\$	(81,674)
Employee Pensions and Benefits		\$	-	\$	-
Administrative and General Expenses		\$	(1,215)	\$	(1,215)
Taxes Other than Income Taxes		\$	-	\$	-
Labor		\$	12,489	\$	12,489
Chemicals		\$	-	\$	-
Materials		\$		\$	10,336
Paving		\$		\$	33,183
Contract Services CIAC		\$	16,757 8,893	\$	16,757
CIAC Miscellaneous		\$ \$		ծ Տ	8,893 94,799
MISCENATEOUS		φ	94,799	ъ \$	94,799
				\$	
				\$	-
Total Expenses	\$	- \$	93,568	\$	93,568
Net Income from Merchandising, Jobbing and Contract Work (Accts. 415-416)	\$	- \$	164,970	\$	164,970
				(Tota	l to Pg. F-39)

NON-OPERATING RENTAL INCOME (ACCOUNT 418)

Name of Lessee and Description of Property (a)	Amount (b)
Rent Revenue (List major items separately, others may be grouped.):	
Total Rent Revenues	\$ -
Expenses:	
Operation and Maintenance Depreciation	
Taxes Other than Income Taxes	
Income Taxes	
Total Expenses	\$ -
Non-operating Rental Income	\$ -
	·

INTEREST AND DIVIDEND INCOME (ACCOUNT 419)

Security or Account on Which Received (a)	Interest or Dividend Rate (b)	Amount (c)
Customer Lead Service Line Replacements		\$ 220,998
Total Interest and Dividends Expenses Applicable to Above (as listed hereunder):		\$ 220.998
Total Expenses Net Interest and Dividend Income (Acct. 419)		\$ - \$ 220,998 (Total to Pg. F-13)

	Other Income (Nonutility Operating Income)	
Acct. 415-416 (From Pg. F-38) Acct. 417 (From Pg. F-41)		\$ 164,970
		\$ -
Acct. 418 Total (Acct. 415-418)		\$- \$164,970
		(Total to Pg. F-13)
	Indicates link to another work	sheet within workbook.
	Indicates formula cell.	

	GAIN OR LOSS ON DISPOSITION OF PROPERTY	(ACCOUNTS 414 AND 422)			
. Individual gains or losses relating to property with an original cost of les	ame of party acquiring the property (when acquired by another utility or associated co ss than \$50,000 may be grouped with the number of such transactions disclosed in C when approval is required. Where approval is required but has not been received, giv	olumn (a).			e use or non-utility).
				, ,	
		Original Cost of	Date Journal Entry		
	(a)	Related Property (b)	Approved (When Required) (b)	Account No. (c)	Gain (Losses) (d)
Sain on Disposition of Property:					
Itility Property (Acct. 414)					
Total Utility Property Gain (Acct. 414)					\$
Non-Utility Property (Acct. 422)					
Sain on Acquisitions Vet change in Deferred Compensation plan		N/A N/A	N/A N/A	N/A N/A	\$ 25,3 \$
Sains/Losses on Utility Property Sales		N/A N/A N/A	N/A N/A	N/A N/A N/A	\$ 58,7 \$
Gains/Losses Non-Utility Property Disposals Gains/Losses Non-Utility Property Sales		N/A N/A	N/A N/A	N/A N/A	\$
Total Utility/Non-Utility Property Gain (Acct. 422)					\$ 83,9
Loss On Disposition of Property:					
Utility Property (Acct. 414)					
Total Utility Property Loss (Acct. 414)					\$
Non-Utility Property (Acct. 422)					
Total Non-Utility Property (Loss (Acct. 422)					\$
Net Gain/Loss Utility Property (Acct. 414)					\$
Net Coin// and Net 1///// Descet: (Acet (22))					(Total to Pg. F-13)
Net Gain/Loss Non-Utility Property (Acct. 422)					\$ 83,9 (Total to Pg. F-13)
	Footnote(s)				1

GAIN OR LOSS ON DISPOSITION OF PROPERTY (ACCOUNTS 414 AND 422

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Indicates formula cell.

For the calendar year of January 1 - December 31, 2022

OTHER INCOME AND DEDUCTIONS (ACCOUNTS 417, 420, 421, 422, 423, 425, AND 426)

Report details of items included in accounts showing the data for account separately hereunder:

Description (a)	Amount (b)
Income from Non-Utility Operations (Acct. 417):	
	^
Total (Acct. 417)	\$ - (Total to Pg. F-39)
Allowance for Funds Used During Construction (Acct.420):	
	\$ 1,780,182 \$ (3,893)
	,
Total (Acct. 420)	\$ 1,776,288 (Total to Pg. F-13)
Miscellaneous Non-operating Income (Acct. 421):	
Total (Acct. 421)	\$ - (Total to Pg. F-13)
Gaines (Losses) from Disposition of Property (Acct. 422):	
Total (Acct. 422) (Note: This total should match Gains/Losses from Disposition of Property found on Pg. F-42)	\$ 83,936
Miscellaneous Amortization (Acct. 425):	
Amortize UPAA	\$ 323,943
Amortize Pref Stock Expense	
Total (Acct. 425)	\$ 323,943 (Total to Pg. F-13)
Miscellaneous Income Deduction (Acct. 426):	
	\$ 30,735 \$ 1,675
Other	\$ 33,965
Total (Acct. 426)	\$ 66,374 (Total to Pg. F-13)
	, 3)

INTEREST CHARGES (ACCOUNTS 427, 430 AND 431)

	In	iterest
Class of Debt on Which Payable (a)	Rate (b)	Amount (c)
Interest on Long-term Debt (Acct. 427)		
Long Term Debt Long Term Debt - Associated Co's Early Debt Retirement Loss - Associated Co's		\$ 2,251,417 \$ 42,169,183 \$ 826,197
Total (Acct. 427)		\$ 45,246,798
Interest on Debt to Assoc. Cos. (Acct. 430):		(Total to Pg. F-13)
Total (Acct. 430)		\$-
Other Interest Expense (Acct. 431):		(Total to Pg. F-13)
Interest on Short Term Borrowings		\$ (354,408)
Total (Acct. 431)		\$ (354,408) (Total to Pg. F-13)

DISTRIBUTION OF SALARIES AND WAGES

Report below the distribution of total salaries and wages for the year. Amounts originally charged to clearing accounts should be segregated as to Utility Departments, Construction, Plant Removals and Other Accounts and shown in the appropriate lines and spaces provided for such amounts. In determining this segregation of salaries and wages originally charged to clearing accounts, a method of approximation giving substantially correct results may be used.

Classification (a)		Direct Payroll Distribution (b)	Allocation of Amounts Charged Clearing Accounts (c)		Total (d)
Water					
Operation Maintenance	\$ \$	26,275,768 5,122,498		\$ \$	26,275,768 5,122,498
Total Water Operation and Maintenance	\$	31,398,266	\$	\$	31,398,266
<u>Sewer</u> Operation Maintenance	\$ \$	1,598,660 112,168		\$ \$	1,598,660 112,168
Total Sewer Operation and Maintenance	\$	1,710,828	\$ -	\$	1,710,828
Other Utility Department Operation Maintenance					
Total Other Utility Department Operation and Maintenance	\$	-	\$ -	\$	-
Total of All Utility Departments Operation and Maintenance	\$	33,109,093	\$ -	\$	33,109,093
<u>Utility Plant</u> Construction (by Utility Department): Water Plant Sewer Plant Other Plant	\$ \$	15,022,874 119,299	\$ 11,204,734	\$ \$	26,227,608 119,299
Total Construction	\$	15,142,173	\$ 11,204,734	\$	26,346,907
Plant Removal (by Utility Department): Water Plant Sewer Plant Other Plant	\$ \$	1,739,823 18,228		\$ \$	1,739,823 18,228
Total Plant Removal	\$	1,758,052	\$ -	\$	1,758,052
Clearing Accounts: Water Sewer Other			\$ (11,204,734)	\$	(11,204,734)
Total Clearing Accounts	\$	-	\$ (11,204,734)	\$	(11,204,734)
Other Income and Deductions: Water Sewer Other					
Total Other Income and Deductions	\$	<u> </u>	\$	\$	-
Total Utility Plant	\$	16,900,224	\$ -	\$	16,900,224
Total Salaries and Wages	\$	50,009,317		\$	50,009,317

COMMON UTILITY PLANT AND ACCUMULATED DEPRECIATION

		Utility Plant	in Service					Ac	cumulated Provis	ion for Depreciatio	n		
	Balance at	Additions During	Retirements During	Adjustments	Balance at	Straight-lin		Additional	Book Cost of	Cost of		Other Additions	Balance
Plant Account (a)	Beginning of Year (b)	the Year (c)	the Year (d)	Debits or Credits (e)	End of Year (f)	Rate (g)	Amount (h)	Accruals (i)	Plant Retired (j)	Removal (k)	Salvage (I)	or (Deductions) (m)	at End of Year (n)
N/A					\$- \$- \$-								
					\$- \$- \$-								
					\$- \$- \$-								
					\$ - \$ -								
					\$ - \$ - \$ -								
					\$- \$- \$-								
					\$- \$- \$-								
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			_	_	\$ - \$ -		-	-	-	-	-	-	
Total	\$-	\$-	\$ -	\$ -	\$-		\$ - Explanation of Met	\$ -	Sommon Plant A	\$ -	\$ -	\$ -	\$ -
	Allocation to Utilit	ty Departments		Plant at End of Year (p)	Accum. Depr. End of Year (q)	Depreciation Accruals (r)	Department.					autori Expense by	
Sewer													
Water													
Total				\$-	\$-	\$-							

For the calendar year of January 1 - December 31, 2022

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"S" SECTION

Co. Name Missouri-American Water Company

SEWER OPERATING REVENUES

		Current	Year	Last	Year	
Particulars (a)	Acct. No. (b)	Average Number of Customers (c)	Amounts (d)	Average Number of Customers (e)	Amount (f)	Increase (Decrease) (g)
<u>Sewer Revenues</u> Flat Rate Revenues - General Customers: Residential Revenues Commercial Revenues Industrial Revenues Revenues from Public Authorities	521.1 521.2 521.3 521.4	10,053 12 -	\$ 7,067,887 \$ 32,210 \$ 1,282	7,337 187 4	\$ 5,178,710 \$ 9,383 \$ 251	\$ 22,827 \$ -
Total Flat Rate Revenues - General Customers		10,065	\$ 7,101,380	7,527	\$ 5,188,344	\$ (1,913,035)
Measured Revenues - General Customers: Residential Revenues Commercial Revenues Industrial Revenues Revenues from Public Authorities	522.1 522.2 522.3 522.4	8,407 964 1 53	\$ 2,832,712 \$ 44,863 \$ 572,848		\$ 4,281,730 \$ 2,372,982 \$ - \$ 471,091	\$ 900,889 \$ 459,731 \$ 44,863 \$ 101,757
Total Measured Revenues - General Customers		9,425	\$ 8,633,042	8,104	\$ 7,125,802	\$ (1,507,240)
Other Sewer Revenues: Revenues from Public Authorities Revenues from Other Systems Interdepartmental Revenues Miscellaneous Sewer Revenues	523 524 525 526		\$ (598)		\$ (283)	\$ - \$ - \$ - \$ (315)
Total Other Sewer Revenues		-	\$ (598)	-	\$ (283)	\$ 315
<u>Other Operating Revenues</u> Sale of Sludge Customers' Forfeited Discounts Servicing of Customers' Laterals Rents from Sewer Property Interdepartmental Rents Miscellaneous Operating Revenues	531 532 533 534 535 536		\$ 97,712		\$ 67,918	\$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 29,794
Total Other Operating Revenues		-	\$ 97,712	-	\$ 67,918	\$ (29,794)
Total Operating Revenues		19,490	\$ 15,831,535	15,631	\$ 12,381,782	\$ <u>(3,449,753)</u>
			(Total to Pg. F-13)			

SEWER OPERATION AND MAINTENANCE EXPENSES

Particulars (a)	Account No. (b)	Current Year (c)		Last Year (d)		Ir	ncrease (Decrease) (e)
Collection Expenses							
Operation: Collection Supervision and Engineering Collection Labor and Expenses Services to Customers Flow Measuring Device Expense Miscellaneous Expenses	700 701 702 703 704	\$ \$ \$ \$	14,861 2,138 15,151 -	\$ \$ \$ \$ \$ \$	(13) 8,151 12,848 -	\$ \$ \$ \$ \$	14,874 (6,014) 2,302 -
Rents	705			-		\$	-
Total Operation - Collection Expense Maintenance: Collection Maintenance Supervision and Engineering Maintenance of Collection Structures & Improvements Maintenance of Collection Sewers	710 711 712	\$ \$ \$ \$	32,150 - - -	\$ \$ \$ \$	20,987 - - -	\$ \$ \$	11,163 - - -
Maintenance of Services to Customers Maintenance of Flow Measuring Devices Maintenance of Flow Measuring Device Installations Maintenance of Other Collection Facilities Total Maintenance - Collection Expense	713 714 715 716	• • • • • • •	- - 57,946 57,946	\$ \$ \$ \$ \$	- - - 61,065 61,065	• • • • • • •	- - (3,118) (3,118)
Total Collection Expenses		\$	90,096	\$	82,052	\$	8,044
Pumping Expenses Operation: Pumping Supervision and Engineering Fuel and Power Purchased for Pumping Pumping Labor and Expenses Expenses Transferred Miscellaneous Expenses Rents Total Operation - Pumping Expense	720 721 722 723 724 725	\$ \$ \$ \$ \$ \$ \$	- 2,670 6,379 23,419 71 - - 32,540	\$ \$ \$ \$ \$ \$ \$	- 4,464 6,732 0 - 11,196	\$\$ \$\$ \$\$ \$\$ \$\$ \$\$	- 2,670 1,916 16,687 71 - 21,344
Maintenance: Pumping Maintenance Supervision and Engineering Maintenance of Pumping Structures and Improvements Maintenance of Pumping Equipment Total Maintenance - Pumping Expense	730 731 732	\$ \$ \$	- 3,409 3,409	\$ \$ \$ \$	- 1,487 1,487	\$ \$ \$ \$	- 1,922 1,922
Total Pumping Expenses		\$	35,949	\$	12,682	\$	23,266
<u>Treatment and Disposal (T&D) Expenses</u> Operation: Treatment Supervision and Engineering Chemicals Treatment Labor and Expenses Fuel or Power for Sewage Treatment and Pumping Miscellaneous Expenses Rents Total Operation - Treatment & Disposal Expense	740 741 742 743 744 745	\$ \$ \$ \$ \$ \$ \$	- 70,066 1,142,016 4,015,572 1,848 358 5,229,860	\$ \$ \$ \$ \$ \$ \$	- 46,724 911,908 3,277,708 134 864 4,237,338	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 23,341 230,108 737,864 1,714 (506) 992,522
Maintenance: T&D Maintenance Supervision and Engineering Maintenance of T&D Structures and Improvements Maintenance of Treatment and Disposal Maintenance of Other Treatment & Disposal Equipment Total Maintenance - Treatment & Disposal Expense	750 751 752 753	\$ \$ \$ \$ <mark>\$</mark>	12,651 - 249,432 - 262,083	\$ \$ \$ \$	27,116 - 227,787 - 254,903	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	(14,465) - 21,645 - 7,179
Total Treatment and Disposal Expenses		\$	5,491,942	\$	4,492,241	\$	999,701
Subtotal - Sewer Operation Expenses		\$	5,294,549 (Total to Pg. S-3)	\$	<mark>4,269,521</mark> (Total to Pg. S-3)	\$	1,025,028 (Total to Pg. S-3)
Subtotal - Sewer Maintenance Expenses		\$	323,438 (Total to Pg. S-3)	\$	317,455 (Total to Pg. S-3)	\$	5,984 (Total to Pg. S-3)

SEWER OPERATION AND MAINTENANCE EXPENSES (Con't)

Particulars (a)	Account No. (b)		Current Year (c)		Last Year (d)	Incr	rease (Decrease) (e)
Customer Accounts Expenses							
Operation:							
Supervision	901			\$	-	\$	_
Meter Reading Expenses & Flat Rate Inspections	902	\$	840	\$	-	\$	840
Customer Records and Collection Expenses	903	\$	10,948	\$	18,310	\$	(7,362)
Uncollectible Accounts	904			\$	-	\$	-
Miscellaneous Customer Accounts Expenses	905	\$	862	\$	1,050	\$	(188)
Total Operation - Customer Accounts Expense		\$	12,651	\$	19,360	\$	(6,710)
Customer Service Expenses							
Operation:							
Customer Service and Information Expenses	907	\$	172	\$	92	\$	80
Total Operation - Customer Service Expense		\$	172	\$	92	\$	80
Sales Promotion Expenses Operation:							
Sales Promotion Expenses	910			\$	-	\$	-
Revenues from Merchandising, Jobbing, & Contract Work	914			\$	-	\$	-
Cost & Expenses of Merchandising, Jobbing & Contract Work	915			\$	-	\$	-
Total Operation - Sales Promotion Expense		\$	-	\$	-	\$	-
Administrative and General Expenses							
Operation: Administration and General Salaries	920	\$	426,043	\$	469,423	\$	(43,380)
Office Supplies and Other Expenses	921	\$	313,394	φ \$	228,081	Ψ \$	85,313
Administrative Expenses Transferred (Credit)	922	\$	-	\$	-	\$	-
Outside Services Employed	923	\$	277,755	\$	164,351	\$	113,404
Property Insurance	924	\$	28,581	\$	34,470	\$	(5,889)
Injuries and Damages	925	\$	-	\$	-	\$	-
Employee Pensions and Benefits	926	\$	618,559	\$	611,699	\$	6,860
Franchise Requirements Regulatory Commission Expenses	927 928	\$		\$ \$	-	\$ \$	-
Duplicated Charges (Credit)	929	φ	-	գ \$	-	ф \$	-
Institutional or Goodwill Advertising Expenses	930.1			\$	-	\$	-
Miscellaneous General Expenses	930.2	\$	287,225	\$	303,540	\$	(16,315)
Research and Development Expenses	930.3					\$	-
Rents	931	\$	67,952	\$	61,762	\$	6,191
Total Operation - Administrative and General Expense		\$	2,019,510	\$	1,873,326	\$	146,183
Maintenance:							
Maintenance of General Plant	932	\$	540			\$	540
Total Maintenance - Administrative and General Expense		\$	540	\$	-	\$	540
Total Administrative and General Expenses		\$	2,020,049	\$	1,873,326	\$	146,723
Subtotal - Sewer Operation Expenses		\$	2,032,332	\$	1,892,778	\$	139,554
			_,,	+	.,,	Ŧ	,
Subtotal - Sewer Maintenance Expenses		\$	540	\$	-	\$	540
		6	E 004 E 10	¢	4 000 501	¢	1.005.000
Subtotal - Sewer Operation Expenses (from Pg. S-2) Subtotal - Sewer Operation Expenses (from above)		\$ \$	5,294,549 2,032,332	\$ \$	4,269,521 1,892,778	\$ \$	1,025,028 139,554
Total Sewer Operation Expenses		ֆ Տ	7,326,882	Դ \$	6,162,299	э \$	(1,164,582)
		Ŷ	(Total to Pg. F-13)	Ŷ	0,102,200	Ψ	(1,104,002)
			,				
Subtotal - Sewer Maintenance Expenses (from Pg. S-2)		\$	323,438	\$	317,455	\$	5,984
Subtotal - Sewer Maintenance Expenses (from above)		\$	540	\$	-	\$	540
Total Sewer Maintenance Expenses		\$	323,978	\$	317,455	\$	(6,523)
			(Total to Pg. F-13)				

Indicates link to another worksheet within workbook.

DETAIL OF CERTAIN GENERAL EXPENSE ACCOUNTS

Report data requested for accounts as indicated. Report total amount paid as well as amount applicable to sewer utility operation.

Acct. 923, Outside Services Employed - State total cost, nature of service and name of each person who was paid for services includible in this amount, \$5,000 or more.		Paid (b)	to	Amount Applicable Sewer Utility Ops (c)
	\$	49,231,322	\$	277,755
Total Acct. 924, Property Insurance - List hereunder major classes of expenses and also state extent to which utility is self-insured against insurable risks to its property: Premiums for Insurance Dividends Received from Insurance Companies (Credit) Amounts Credited to Acct. 261, Property Insurance Reserve Other Expenses (list major classes):	\$	49,231,322 6,488,508		277,755 (Total to Pg. S-3) 28,581
Total Acct. 925, Injuries and Damages - List hereunder major classes of expense, also state extent to which utility is self-insured against risks of injuries and damages to employees or others: Premiums for Insurance Dividends Received from Insurance Companies (Credit) Amounts Credited to Acct. 262, Injuries and Damages Reserves Expenses of Investigating and Adjusting Claims Cost of Safety and Accident-Prevention Activities Other Expenses (list major classes): Inventory Physical write -off Scrap Injuries & Damages	\$ \$ \$	6,488,508 (2,711,820) 160,494		28,581 (Total to Pg. S-3) - -
Total Acct. 926, Employee Pensions and Benefits - Report total amount for utility hereunder and show credit for amounts transferred to construction or other accounts, leaving the net balance in Acct. 926. Pension Accruals or Payments to Pension Funds Pension Payments under Unfunded Basis Employees' Benefits (i.e., life, health, accident and hospital insurance, etc.) Expense of Educational and Recreational Activities for Employees Other Expenses (list major items): 401k expenses Defined compensation and other welfare	\$ \$ \$ \$	(2,551,325) (7,671,983) 7,396,400 933,740 1,048,317	\$ \$	(Total to Pg. S-3) 123,481 376,679 48,127 70,272
Total Total General Expenses	\$	1,706,474 54,874,979		618,559 (Total to Pg. S-3) 924,895

DETAIL OF CERTAIN GENERAL EXPENSE ACCOUNTS (CON'T)

Acct. 928, Regulatory Commission Expense:
1. Give the particulars called for below concerning all expenses incurred during the year in connection with formal cases before regulatory commissions, or other regulatory bodies, or cases in which such a

One one parameters cannot be been concerning an expenses incared during the year in connected with formal cases before regulatory commissions, or one bedy was a party.
 Include in description of the case, the name of the regulatory body and case or docket number.
 Include as expenses charged off during the year reported in Column (g) the amount of any deferred regulatory commission expenses amortized for the year.

	Exp	enses Incurred During	Year	Transferred	Charged Off During Year			
Description of Case (a)	Assessed By Regulatory Commission (b)	Expenses of Utility (c)	Total (d)	to Miscellaneous Deferred Debits (Acct. 186) (e)	Acct. No. (f)	Amount (g)		
Total Regulatory Commission Expense (Acct. 928)	\$-	\$-	\$- (Total to Pg. S-3)	\$-		\$-		

Amortization of Deferred Regulatory Commission Expenses for previous year:

Total charged off during the year:

(a)	Total (b)	
	(8)	
Acct. s30.2, Miscelaneous General Expenses:		
Industry Association Dues Other Experimental & General Research Expenses		
Curie Expense of corporate organization & of servicing outstanding securities of utility		
Autonal institutional advertising expenses		
Local institutional advertising expenses		
Directors' fees and expenses		
Other Expenses (list major items)		
	\$	265
	\$ \$	279,667 7,293
INIS. 8 dilisacional cosis	φ	1,255
Total Miscellaneous General Expenses (Acct. 930.2)	\$	287,225
	(Total to Pg. S-3)	
Acct. 922, Administrative Expenses Transferred (Credit). Please explain		
basis of computation of credit in space provided below.		
Total Administrative Expenses Transferred (Credit) (Acct. 922)	\$	-
	(Total to Pg. S-3)	
Explanation		

Company Name Missouri-American Water Company

SEWER UTILITY PLANT IN SERVICE

Pinnelsand Consents 302 \$ 5 \$ <	Accounts (a)	Acct. No. (b)	в	Balance at eginning of Year (c)		Additions During Year (d)		Retirements During Year (e)	In	Adjustments crease (Decrease) (f)		Balance at End of Year (g)
Principles and Consents 302 \$ 5 \$ Collection Sere	-											
Macademack intragible Plant S I S I S I S I S I S I S I S I S I S I S I S I S I S I S I I S I I S I S I I S I I S I I S I<	-					78,379		-		-		84,079
Total Intangle Punt S I S I S I S I S I S I S I S I S I S I I S I I S I I S I I S I I S I I S I I S I				5,562	\$	-	\$	-	\$	-	1.1	5,562
Collection Plant 300 \$ 117,550 5 4,040 \$ 5 5 Land and Rights 351 \$ 3,813,877 \$ 1,192,655 \$ 4,040 \$ \$ \$ 5 5,000 Collection Severs 352 \$ 4,219,137 \$ 15,220,815 \$ 307,694 \$ \$ 5 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,0000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ 5,000 \$ \$ \$ \$	-	303		-	•	70.070	٠		•			-
Land and Rights So S 117.500	lotal Intangible Plant		\$	11,262	\$	78,379	\$	-	\$	-	\$	89,641
Land and Rights So S 117.500	Collection Plant											
Suctare and Improvements 951 \$ 8.81.3207 \$ 1.192.655 \$ 4.04.61 \$ 5 57.694 \$ 5 57.694 \$ 5 57.694 \$ 5 57.694 \$ 5 57.694 \$ 5 57.694 \$ 5 57.694 \$ 5 57.695 \$ 440.032 \$ 10.037 \$ 5 57.605 \$ 440.602 \$ 10.037 \$ 5 57.605 \$ 40.60 \$ 1.53.65 \$ 40.60 \$ 1.53.65 \$ 7.63.66 \$ 1.52.36 \$ 7.63.66 \$ 1.77.10.698 \$ 4.31.89 \$ 4.31.89 \$ 4.31.89 \$ 7.63.66 \$ \$ 7.63.66 \$ 1.77.10.698 \$ 1.53.67 \$ 1.17.10.698 \$ 1.53.67 \$ 1.53.67 \$		350	\$	117,550							\$	117,550
Collection Sewers - Force Collection Sewers - Force Sneed Collecting Structures 352.1 \$ 7.88.8251 \$ 4430.302 \$ 10.037 \$ - \$ 8.33 Social Collecting Structures 352.3 \$ - - 5 7 5 5 7 5 5 7 5 5 7 5	-				\$	1,192,655	\$	4,046	\$	-	\$	5,001,906
Collection Sewers - Gravity 362.2 \$ - S S Services to Customers 363 \$ 2.967.241 \$ 4.06.503 \$ 5.1.384 \$ - \$ 3.4 Pow Measuring Devices 353 \$ 2.90.001 \$ - \$ 3.4 \$ 5.1.384 \$ - \$ 3.4 \$ 5.1.384 \$ - \$ 3.4 \$ 5.1.384 \$ - \$ 3.4 \$ 5.1.384 \$ - \$ 3.4 \$ 5.1.384 \$ - \$ 3.4 \$ 5.1.384 \$ - \$ 3.5 \$ 5.1.385 \$ 5.5 \$ 7.6 \$ 7.7.10.983 \$ \$ 7.7.10.983 \$ 5.5 7.6 \$ 1.6.265 \$ 7.6.956 \$ 7.7.10.983 \$ 7.6.35 \$ 7.6.8 \$ 7.6.8 \$ 7.6.8 \$ 7.6.8 \$	Collection Sewers	352	\$	42,191,137	\$	15,239,815	\$	367,694	\$	-	\$	57,063,257
Special Collecting Structures 352.3 \$ - - - Special Collecting Structures \$ 353 Services to Customers 353 \$ 2.07.241 \$ 466.503 \$ 5 5 1.0 \$ 5 5 \$ <td>Collection Sewers - Force</td> <td>352.1</td> <td>\$</td> <td>7,868,251</td> <td>\$</td> <td>480,302</td> <td>\$</td> <td>10,037</td> <td>\$</td> <td>-</td> <td>\$</td> <td>8,338,516</td>	Collection Sewers - Force	352.1	\$	7,868,251	\$	480,302	\$	10,037	\$	-	\$	8,338,516
Services to Customers 353 \$ 2.967.241 \$ 4.96.633 \$ 5.10.24 \$ - \$ 3.4 Flow Measuring Installations 355 \$ 717.923 \$ 62.629 \$ (11.813) \$ - \$ 5 3.3 Flow Measuring Installations 355 \$ 7.29681 \$ 239.000 \$ \$ - \$ 3.3 Total Collection Plant Facilities 355 \$ 7.29681 \$ 2.39.000 \$ - \$ 7.8 \$ 7.8 \$ 7.8 \$ 7.8 \$ 7.8 \$ 7.8 \$ 7.8 \$ 7.8 \$ 7.7 \$ \$ 5 .5 \$ \$ 7.7 \$ \$ 5 7.7 \$ \$ 5 7.7 \$ \$ 5 7.7 \$ \$ 5 7.7 \$ \$ 7.8 \$ 7.7 \$ \$ 7	Collection Sewers - Gravity	352.2	\$	-							\$	-
Frow Measuring Devices 354 \$ 517,923 \$ 62,029 \$ (1,813) \$ - \$ 515 Pow Measuring Installations 355 \$ 129,068 \$ 239,000 \$ - \$ - \$ 9 Pow Measuring Installations 701 \$ 57,005,067 \$ 177,710,993 \$ - \$ - \$ 74,80 Cher Collection Plant 360 \$ 152,133 \$ 9,730 \$ - \$ 74,80 Structures and Improvements 360 \$ 152,133 \$ 9,730 \$ - \$ 4 \$ 74,80 Diesel Pumping Equipment 363 \$ 4,851,317 \$ 1,133,997 \$ 88,536 \$ \$ 5 5,80 Diesel Pumping Equipment 365 \$ 1,514,570 \$ (4,143) \$ 1,785 \$ 5 5,80 Diesel Pumping Equipment 370	Special Collecting Structures	352.3	\$	-							\$	-
Firew Measuring Installations 355 \$ 128 (288) \$	Services to Customers	353	\$	2,967,241	\$	496,593	\$	51,934	\$	-	\$	3,411,900
Other Collection Plant aclillies 366 \$ 120,668 \$ 230,000 \$ - \$ \$ 748 Lad and Land Rights 360 \$ 17,210,903 \$ 431,896 \$ - \$ 748 Lad and Land Rights 360 \$ 152,133 \$ 9,730 \$ - \$ 4 \$ 4 \$ 74,88 \$ 2,284,536 \$ 16,866 \$ - \$ 4 \$ \$ 1 \$ \$ 4 \$ \$ 7 \$ 1,33,997 \$ 8,8,536 \$ - \$ \$ 7 \$ \$ 7,85 - \$ \$ 7,85 \$	Flow Measuring Devices	354	\$	517,923	\$	62,629	\$	(1,813)	\$	-	\$	582,365
Total Collection Plant \$ 57,605,007 \$ 17,710,993 \$ 431,898 \$ - \$ 74,80 Land and Land Rights 360 \$ 152,133 \$ 9,730 \$ - \$ - \$ 11,800 Structures and Improvements 361 \$ 2,384,594 \$ 2,284,596 \$ 16,856 \$ - \$ 46,85 Receiving Wells 362 \$ 766,568 \$ - \$ - \$ - \$ 76,850 Diesel Pumping Equipment 364 \$ - \$ - \$ - \$ - \$ 76,850 Total Pomping Equipment 364 \$ -	Flow Measuring Installations	355	\$	-							\$	-
Pumping Plant 360 \$ 152,133 \$ 9,730 \$ \$ \$ \$ 11 Structures and Improvements 361 \$ 2,284,636 \$ 16,866 \$ - \$ 4,66 Reactiving Weils 362 \$ 769,566 \$ - \$ - \$ - \$ 4,66 Reactiving Weils 363 \$ 4,851,317 \$ 1,133,997 \$ 88,536 \$ - \$ 5,88 Diesel Pumping Equipment 364 \$ - \$ 1,133,997 \$ 88,536 \$ - \$ 5,88 Diesel Pumping Equipment 364 \$ - \$ 1,158 1,178 \$ - \$ 1,158 Diesel Pumping Equipment 370 \$ 419,837 \$ 433,209 \$ - \$ 4,33 \$ 1,58 5 1,58 5 1,58 1,58 3 3	Other Collection Plant Facilities	356	\$	129,668	\$	239,000	\$	-	\$	-	\$	368,669
Land and Land Rights 360 \$	Total Collection Plant		\$	57,605,067	\$	17,710,993	\$	431,898	\$	-	\$	74,884,163
Land and Land Rights 360 \$ \$ 12,133 \$ 9,730 \$. \$. \$ 4.68 Structures and Improvements 361 \$ 2,384,594 \$ 2,264,636 \$ 1.665 \$. \$. \$. \$ \$												
Structures and Improvements 361 \$ 2,384,594 \$ 2,284,636 \$ 16,866 \$ - \$ - \$ - \$ 7 \$ \$ 7 \$ <t< td=""><td></td><td>260</td><td>¢</td><td>150 100</td><td>¢</td><td>0 720</td><td>¢</td><td></td><td>¢</td><td></td><td>¢</td><td>161,863</td></t<>		260	¢	150 100	¢	0 720	¢		¢		¢	161,863
Receiving Wells 362 \$ 769,568 \$ \$ \$ \$ \$ \$ \$ \$ 77 Electin Pumping Equipment 363 \$ 4,81,317 \$ 1,133,97 \$ 86,356 \$ - \$ 5 5 77 Desel Pumping Equipment 364 \$ - \$ 1,133,97 \$ 1,785 \$ \$ 1,58 Total Pumping Equipment 365 \$ 1,564,570 \$ (4,143) \$ 1,775 \$ \$ 1,58 Land and Land Rights 370.1 \$ 9,722,182 \$ 3,404,200 \$ - \$ 8 3,00 \$ 1,85 - \$ 1,85 1,97 \$ 2,85 3,404,200 \$ - \$ 1,85 1,85 1,85 1,85 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85 \$ 1,85	5							-		-		4,632,373
Electric Pumping Equipment 363 \$ 4.851,317 \$ 1.133,997 \$ 88,536 \$ - \$ 5.88 Diesel Pumping Equipment 366 \$ - 3 5 1.646,570 \$ (1.413) \$ 1.785 \$ 5 1.564,570 \$ (1.413) \$ 1.785 \$ 5 1.564,570 \$ (1.413) \$ 1.785 \$ 5 1.564,570 \$ (1.413) \$ 1.785 \$ 5 1.564,570 \$ (1.413) \$ 1.785 \$ 5 1.564,570 \$ (1.413) \$ 1.785 \$ \$ 5 1.564,570 \$ (1.413) \$ 1.785 \$ 5 1.56 \$ \$ 1.50 \$ 1.50 \$ 1.50 \$ \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.50 \$ 1.60 \$ 1.60 \$ 1.60 \$ 1.60 \$ 1.60 \$ 1.60 \$ 1.60 \$ 1.60						2,204,030		10,000		-		
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Other Pumping Equipment 365 \$ 1,564,570 \$ (4,143) \$ 1,785 \$ 1,58 Total Pumping Plant Interation and Disposal Plant \$ 9,722,182 \$ 3,404,220 \$ 107,177 \$ - \$ 1,58 Land and Land Rights 370 \$ 419,837 \$ 433,209 \$ - \$ \$ 8 9,722,182 \$ 3,404,220 \$ 107,177 \$ - \$ \$ 1,58 \$ 1,58 \$ 1,58 \$ \$ 1,58 \$ \$ 1,58 \$ \$ 1,58 \$ \$ 1,58 \$ \$ \$ 1,58 \$ \$ 1,58 \$				4,851,317	Э	1,133,997	Э	88,536	Þ	-		5,896,779
Total Pumping Plant \$ 9,722,182 \$ 3,404,220 \$ 107,177 \$ - \$ 13,0 Treatment and Disposal Plant Land and Land Rights 370 \$ 419,837 \$ 433,209 \$ - \$ - \$ 8 8 Oxidation Lagoon Land Rights 370.1 \$ - \$				-	¢	(4.442)	¢	4 705			· ·	-
Intertment and Disposal Plant Treatment and Disposal Plant S 419,837 \$ 433,209 \$ - \$ 8 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 8 0 \$ 9 9 3 3 1 \$ 6 6 6 1 1 8 1 \$ 1 8 1 \$ 1 8 1 \$ 1 8 1 \$ 1 8 1 \$ 1 1 8 1 1 1 1 1 1 1 1 1 1 1 1 <th< td=""><td></td><td>365</td><td></td><td></td><td></td><td></td><td></td><td></td><td>¢</td><td></td><td></td><td>1,558,643 13,019,226</td></th<>		365							¢			1,558,643 13,019,226
Land and Land Rights 370 \$ 419,837 \$ 433,209 \$ - \$ 8 5	Total Fumping Fiant		φ	9,722,102	φ	3,404,220	φ	107,177	φ	-	φ	13,019,220
Oxidation Lagoon Land and Land Rights 370.1 \$ - </td <td>Treatment and Disposal Plant</td> <td></td>	Treatment and Disposal Plant											
Other Land and Land Rights 370.2 \$ - \$ \$ Structures and Improvements 371 \$ 8,506,622 \$ 1,318,207 \$ 428,564 \$ - \$ 9,33 Treatment and Disposal Equipment 372 \$ 16,916,622 \$ 1,452,421 \$ 293,648 \$ - \$ 18,00 Plant Sewers 373 \$ 11,761,654 \$ 117,333 \$ 1 \$ 18,00 Other Treatment and Disposal Plant Equipment 374 \$ 362,615 \$ 61,467 \$ - \$ 4 Other Treatment and Disposal Plant 375 \$ - \$ - \$ 4 40,60 Ceneral Plant 389 \$ 401,620 \$ - \$ - \$ 4 40,60 Chicker Burniture and Equipment 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 10 \$ 1,60 Office Furniture and Equipment 390 \$ 1,444,721 \$ <	Land and Land Rights	370	\$	419,837	\$	433,209	\$	-	\$	-	\$	853,046
Structures and Improvements 371 \$ 8,506,622 \$ 1,318,207 \$ 428,564 \$ - \$ 9,33 Treatment and Disposal Equipment 372 \$ 16,916,262 \$ 1,452,421 \$ 293,648 \$ - \$ 18,00 Plant Sewers 373 \$ 11,761,654 \$ 117,333 \$ 1 \$ 293,648 \$ - \$ 11,80 Outfall Sewer Line 373 \$ 11,761,654 \$ 117,333 \$ 1 \$ 5 61,467 \$ - \$ 11,80 Other Treatment and Disposal Plant Equipment 375 \$ 37,966,989 \$ 3,382,637 \$ 722,213 \$ - \$ 40,60 Cher Treatment and Disposal Plant 389 \$ 401,620 \$ - \$ - \$ 40,60 General Plant 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,60 Cher Treatment Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ 44,60 Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 3,60 Cher Eurinture and Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ 1,60 Transportation Equipment 392 \$ 2,479,751 \$ 315,	Oxidation Lagoon Land and Land Rights	370.1	\$	-							\$	-
Treatment and Disposal Equipment 372 \$ 16,916,262 \$ 1,452,421 \$ 293,648 \$ - \$ 18,00 Plant Sewers 373 \$ 11,761,654 \$ 117,333 \$ 1 \$ - \$ 11,80 Outfall Sewer Line 374 \$ 362,615 \$ 61,467 \$ - \$ - \$ 44 Other Treatment and Disposal Plant Equipment 375 \$ - - - \$ - \$ 46,62 Total Treatment and Disposal Plant Equipment 375 \$ - - - \$ - \$ 46,62 General Plant 378 \$ 37,966,989 \$ 3,382,637 \$ 722,213 \$ - \$ 40,62 Guida and Land Rights 389 \$ 401,620 \$ - \$ - \$ - \$ 44,62 Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,66 Office Furniture and Equipment 391 \$ 183,087 \$ 839 \$ 16,661 \$ 1,60 Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ - \$ 2,77<	Other Land and Land Rights	370.2	\$	-							\$	-
Plant Sewers 373 \$ 11,761,654 \$ 117,333 \$ 1 \$ - \$ 11,8 Outfall Sewer Line 374 \$ 362,615 \$ 61,467 \$ - \$ 42 Other Treatment and Disposal Plant Equipment 374 \$ 362,615 \$ 61,467 \$ - \$ 42 Total Treatment and Disposal Plant 375 \$ - \$ 374 \$ 379,66,989 \$ 3,382,637 \$ 722,213 \$ - \$ 40,62 General Plant 389 \$ 401,620 \$ - \$ 40,62 General Plant 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,66 Office Fumiture and Equipment 391 \$ 183,087 \$ 8399 \$ 15,651 \$ 5 1,6 Office Fumiture and Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,7 5 <td>Structures and Improvements</td> <td>371</td> <td>\$</td> <td>8,506,622</td> <td>\$</td> <td>1,318,207</td> <td>\$</td> <td>428,564</td> <td>\$</td> <td>-</td> <td>\$</td> <td>9,396,265</td>	Structures and Improvements	371	\$	8,506,622	\$	1,318,207	\$	428,564	\$	-	\$	9,396,265
Outfall Sewer Line 374 \$ 362,615 \$ 61,467 \$ - \$ - \$ 44 Other Treatment and Disposal Plant Equipment 375 \$ - - - \$ -	Treatment and Disposal Equipment	372	\$	16,916,262	\$	1,452,421	\$	293,648	\$	-	\$	18,075,035
Other Treatment and Disposal Plant Equipment 375 \$ - \$ \$ - \$ \$ 40,62 Total Treatment and Disposal Plant 389 \$ 401,620 \$ - \$ 40,62 \$ - \$ 40,62 \$ - \$ 44 \$ 40,62 \$ - \$ - \$ 44 \$ 44 \$ \$ 1,6091 \$ \$ 1,6091 \$ \$ 1,6091 \$ \$ 1,6091 \$ 1,6091 \$ \$ 1,6091 \$ \$ 2,7751 \$	Plant Sewers	373	\$	11,761,654	\$	117,333	\$	1	\$	-	\$	11,878,986
Total Treatment and Disposal Plant \$ 37,966,989 \$ 3,382,637 \$ 722,213 \$ - \$ 40,66 General Plant 389 \$ 401,620 \$ - \$ - \$ - \$ 40,60 Land and Land Rights 389 \$ 401,620 \$ - \$ - \$ - \$ 44 Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,6651 \$ 16,091 Office Furniture and Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ 11,020 \$ 11,122 \$ - \$ 2,77 Stores Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ - \$ 2,77 Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ - \$ 2,77 Stores Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ - \$ 5,573 Power Operated Equipment 396 \$ 729,671 \$ 20,793 \$ 24,507 \$ - \$ 2,655 Communication Equipment 396 \$ 729,671 \$ 29,833 \$ 558,1	Outfall Sewer Line	374	\$	362,615	\$	61,467	\$	-	\$	-	\$	424,082
General Plant 389 \$ 401,620 \$ \$ \$ 44 Land and Land Rights 389 \$ 401,620 \$ \$ \$ \$ 44 Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ \$ 1,609 Office Furniture and Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ \$ 1,609 Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ 2,77 Stores Equipment 393 \$ 2,6405 \$ 5,573 \$ - \$ 2,77 Stores Equipment 393 \$ 2,6405 \$ 5,573 \$ - \$ 2,77 Stores Equipment 394 \$ 4400,642 \$ 97,435 \$ - \$ 5 5 1 Power Operated Equipment 396 \$ 729,671 \$ 20,73	Other Treatment and Disposal Plant Equipment	375	\$	-							\$	-
Land and Land Rights 389 \$ 401,620 \$ - \$ - \$ 44 Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,60 Office Furniture and Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ \$ 1,60 Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 2,5405 \$ 5,573 \$ - \$ - \$ 2,77 Stores Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ 5,573 \$ - \$ 2,673 \$ - \$ 5,573 \$ - \$ 2,673 \$ - \$ 2,673 \$ - \$ 2,673 \$ - \$ 2,673 \$ - \$ 2,673 \$ - \$ 3,633 \$	Total Treatment and Disposal Plant		\$	37,966,989	\$	3,382,637	\$	722,213	\$	-	\$	40,627,414
Land and Land Rights 389 \$ 401,620 \$ - \$ - \$ 44 Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,600 Office Funiture and Equipment 391 \$ 183,087 \$ 8399 \$ 15,651 \$ \$ 1,600 Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 2,5405 \$ 5,573 \$ - \$ 2,77 Stores Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ 2,67 Tools, Shop and Garage Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ -	Conorol Blant											
Structures and Improvements 390 \$ 1,444,721 \$ 207,960 \$ 16,091 \$ 1,60 Office Funiture and Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ \$ 16 Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 2,5405 \$ 5,573 \$ - \$ 2,77 Stores Equipment 393 \$ 2,6405 \$ 5,773 \$ - \$ 2,77 Tools, Shop and Garage Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ 5,573 Laboratory Equipment 395 \$ 141,324 \$ 20,793 \$ 24,507 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ 5,573 \$ - \$ <td< td=""><td></td><td>389</td><td>\$</td><td>401 620</td><td>\$</td><td>_</td><td>\$</td><td>-</td><td></td><td></td><td>s</td><td>401,620</td></td<>		389	\$	401 620	\$	_	\$	-			s	401,620
Office Furniture and Equipment 391 \$ 183,087 \$ 839 \$ 15,651 \$ 10 Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ - \$ 2,77 Tools, Shop and Garage Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ \$ 55 Laboratory Equipment 395 \$ 141,324 \$ 20,793 \$ 24,507 \$ - \$ \$ 55 55 55 55 55 55 \$ 10 \$ 56 55 55 55 55 \$ 56 55 55 55 55 55 55 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507 \$ 24,507	-					207 960		16 091				1,636,590
Transportation Equipment 392 \$ 2,479,751 \$ 315,423 \$ 71,122 \$ - \$ 2,77 Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ - \$ 2,77 Tools, Shop and Garage Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ 5 <td></td> <td>168,274</td>												168,274
Stores Equipment 393 \$ 25,405 \$ 5,573 \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ - \$ 5									\$		1.1	2,724,052
Tools, Shop and Garage Equipment 394 \$ 460,642 \$ 97,435 \$ - \$ - \$ 55 Laboratory Equipment 395 \$ 141,324 \$ 20,793 \$ 24,507 \$ - \$ 12 Power Operated Equipment 396 \$ 729,671 \$ 29,833 \$ 558,131 \$ - \$ 24 Communication Equipment 397 \$ 645,273 \$ 247,958 \$ 31,103 \$ - \$ 86 Other Tangible Property 399 \$ 215,595 \$ 31,969 \$ 8,527 \$ 20,686 \$ 22								-				30,978
Laboratory Equipment 395 \$ 141,324 \$ 20,793 \$ 24,507 \$ - \$ 12 Power Operated Equipment 396 \$ 729,671 \$ 29,833 \$ 558,131 \$ - \$ 24 Communication Equipment 397 \$ 645,273 \$ 247,958 \$ 31,103 \$ - \$ 80 Other Tangible Property 399 \$ 215,595 \$ 31,969 \$ 8,527 \$ 20,686 \$ 22								_			1.1	558,077
Power Operated Equipment 396 \$ 729,671 \$ 29,833 \$ 558,131 \$ - \$ 20 Communication Equipment 397 \$ 645,273 \$ 247,958 \$ 31,103 \$ - \$ 80 Other Tangible Property 399 \$ 215,595 \$ 31,969 \$ 8,527 \$ 20,686 \$ 22								24.507		-		137,610
Communication Equipment 397 \$ 645,273 \$ 247,958 \$ 31,103 \$ - \$ 80 Other Tangible Property 399 \$ 215,595 \$ 31,969 \$ 8,527 \$ 20,686 \$ 22										-	1.1	201,373
Other Tangible Property 399 \$ 215,595 \$ 31,969 \$ 8,527 \$ 20,686 \$ 24										-		862,128
										20.686	· ·	259,723
											· ·	6,980,425
	Total Sewer Utility Plant in Service		Ŧ	1	\$	25,534,012	\$	1,986,419	\$	20,686	\$	135,600,868
(Total to Pg. F-16) (Total to Pg. F				(Total to Pg. F-16)								(Total to Pg. F-16)

reclassifying property from one account to another. Corrections of entries of the immediately preceding year should be recorded in Column (d) or Column (e) accordingly, as they are corrections of additions or retirements. Please explain any items in Columns (d), (e) and/or (f) in space provided below schedule. Use additional sheets if necessary.

Explanation

DEPRECIATION RESERVE (i.e., Accumulated Depreciation) - SEWER UTILITY PLAN

Report below the information called for concerning the Depreciation Reserve of the reporting utility at end of the year and changes during the year and explain in the space provided below any important adjustments made during the year. Show separately interest credits under a sinking fund or similar method of depreciation reserve accounting.

WR-2017-0285

1. DO NOT use composite rate when account rates have been prescribed by the Commission

2. Are rates shown in Column (c) below authorized by the Commission

3. If the answer to Question No. 2 above is "yes", state whether the authorization was by Commission Order or lette

4. State the date when authorized rates were made effective

5. If subaccount rates are used, show computation below which was used to arrive at account rate shown in the table below:

Yes

5/28/2018

х

No

Computation is as follows:

For the calendar year of January 1 - December 31, 2022

				Addition	to Reserve		Retirement	t of Property					
Description or Classification of Property (a)	Acct. No. (b)	Annual Depreciation Rate (c)	Balance at Beginning of Year (d)	Annual Depreciation Provision (e)	Other Credits (f)	Book Cost of Property (g)	Cost of Removal (h)	Salvage Credit (i)	Net Retirement (j)	Other Changes (k)	Balance at End of Year (I)	(m)	Amount (n)
Collection Plant Structures and Improvements Collection Sewers Collection Sewers - Force Collection Sewers - Force Collection Structures Spervices to Customers	351 352 352.1 352.2 352.3 353	2.03% 1.58% 1.64% 2.87%	\$ - \$ -	\$ 78,804 \$ 754,072 \$ 133,177 \$ 89,382	\$ 16,525	\$ 4,046 \$ 367,694 \$ 10,037 \$ 51,934	\$ 7,858 \$ 260,181 \$ - \$ 27,304	\$- \$-	\$ 11,904 \$ 627,876 \$ 10,037 \$ - \$ - \$ - \$ 79,238	\$ - \$ 1,335,228 \$ 112,563	\$ 1,623,745 \$ 15,771,523 \$ 2,814,035 \$ - \$ 503,825	., .,	\$ 3,550,676
Flow Measuring Devices Flow Measuring Installations Other Collection Plant Facilities	354 355 356	3.38% 3.15%	\$ 354,678 \$ 0 \$ 5,960	\$ 18,773 \$ - \$ 4,085	, ,,,,	\$ (1,813) \$ - \$ -	 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	\$ - \$ - \$ -	\$ (1,813) \$ - \$ -	\$ - \$	\$ 388,494 \$ 0 \$ 10,045	on Common Plant:	\$ (1,326,501
Total Collection Plan <u>Pumping Plant</u>	361	2.03%	\$ 18,935,161 \$ 203.975		\$ 364,434		\$ 295,343 \$ 22,730		\$ 727,241 \$ 39,586	\$ 1,461,021 \$ 270,634	\$ 21,111,668	Expense: Total Depreciation Reserve =	\$ 2,224,174 (Total to Pg. F-13) \$ 37,269,526
Structures and Improvements Receiving Wells Electric Pumping Equipment Diesel Pumping Equipment Other Pumping Equipment	361 362 363 364 365	2.03% 2.87% 5.17% 4.31%	\$ 418,319	\$ 62,522 \$ 22,087 \$ 246,543 \$ - \$ 67,325	\$ 34,435	\$ -	\$ -	\$- \$- \$-	\$ 39,586 \$ - \$ 119,925 \$ - \$ 1,791	\$ 270,634 \$ - \$ 159,118 \$ - \$ -	\$ 497,544 \$ 440,405 \$ 2,396,545 \$ - \$ 1,359,918	Column (k): PLUS: Allocation of Reserve on Common Plant:	\$ 37,269,526
Total Pumping Plant Treatment and Disposal Plant			\$ 3,993,052	\$ 398,475	\$ 34,435	\$ 107,177	\$ 54,125	\$-	\$ 161,302	\$ 429,752	\$ 4,694,412	Total Depreciation Reserve Sewer Utility:	\$ 37,269,526
Structures and Improvements Treatment and Disposal Equipment Plant Severs Outfail Sewer Lines Other Treatment and Disposal Plant Equipment	371 372 373 374 375	2.37% 3.97% 1.60% 3.04%	\$ 31,700	\$ 156,601 \$ 687,841 \$ 189,333 \$ 11,696 \$ -	\$ 351,747 \$ 25,409		\$ 162,158 \$ 194,258 \$ 267 \$ 4,568 \$ -	\$- \$-	\$ 590,722 \$ 487,906 \$ 268 \$ 4,568 \$ -	\$ 529,122 \$ 18,077 \$ - \$ - \$ - \$ -	\$ 1,640,632 \$ 5,839,017 \$ 2,178,916 \$ 38,828 \$ (0)	Explanation of Items in Column (k):	
Total Treatment and Disposal Plant General Plant			\$ 8,811,028	\$ 1,045,471	\$ 377,157	\$ 722,213	\$ 361,250	\$-	\$ 1,083,463	\$ 547,199	\$ 9,697,392		
Structures and Improvements Office Furniture and Equipment Transportation Equipment Stores Equipment Tools, Shop and Garage Equipment Laboratory Equipment Power Operated Equipment Communication Equipment Other Tangible Property	390 391 392 393 394 395 396 397 399	3.35% 11.29% 4.53% 4.00% 5.00% 6.67% 6.67% 6.67% 6.43%	\$ 724,032 \$ 27,745 \$ 103,394 \$ 55,968 \$ 834,635 \$ 68,306 \$ 122,484	\$ 10,115 \$ 89,897 \$ 254 \$ 23,884 \$ 9,684 \$ 20,081 \$ 42,788 \$ 6,249		\$ 16,091 \$ 15,651 \$ 71,122 \$ - \$ 24,507 \$ 558,131 \$ 31,103 \$ 8,527	\$ 3,144	\$- \$16,900 \$- \$- \$- \$- \$- \$- \$- \$- \$- \$-	\$ 42,084 \$ 15,651 \$ 54,222 \$ - \$ 1,856 \$ 24,507 \$ 559,566 \$ 47,104 \$ 11,671		\$ 117,062		
Total General Plant Total Sewer Utility Plan			\$ 2,270,248 \$ 34,009,488 (Total to Pg. F-16)	\$ 252,411 \$ 2,774,650	\$ - \$ 776,026	\$ 725,132 \$ 1,986,419	\$ 48,429 \$ 759,148		\$ 756,662 \$ 2,728,668		\$ 1,766,054 \$ 37,269,526 (Total to Pg. F-16)		

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For the calendar year of January 1 - December 31, 2022

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Influent lift station, Flow equalization, Extended Aeration, Clarification, Calcium hypochlorite tablet disinfection, De-chlorination, and Solids holding and concentrating.

Method of treatment:

Extended aeration activated sludge treatment (Masterson and Associates sewage treatment plant)

Brief general description of disposal system: Waste water solids are stored and concentrated in two holding cells of the treatment system. Once solids are concentrated it will be pumped out of the treatment plant by a pumper truck and then taken to the City of Wentzville's waste water treatment plant for ultimate solids disposal.

Method of disposal: The City of Wentzville has solids handling facilities that further treat solids and they manage final disposal.

Area served by sewage system: Anna Meadows subdivision in Moscow Mills, MO.

Date of construction of original plant: 12/18/2006 663 Population for which plant designed: Plant capacity in gallons per day: 62,500 Average daily discharge of sewage during the year (measured in gallons): 16,991 Maximum daily discharge of sewage during the year (measured in gallons): 43,200

Other important changes, including new plant and equipment built or installed:

Is effluent disinfected?	Yes X	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				Tablet Chlorine
How frequently is an effluent analysis reported to a government entity	(s)?			Monthly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				0
Please explain:				
What is efficiency of sewer plant?				
Efficiency: BOD removal = 96%, TSS removal = 98%				

For the calendar year of January 1 - December 31, 2022

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment:	
Not a processing area no sewer plant	

Method of treatment: Not a processing area no sewer plant

Brief general description of disposal system: Not a processing area no sewer plant

Method of disposal: Not a processing area no sewer plant

Area served by sewage system: Not a processing area no sewer plant

Date of construction of original plant:	N/A
Population for which plant designed:	N/A
Plant capacity in gallons per day:	N/A
Average daily discharge of sewage during the year (measured in gallons):	N/A
Maximum daily discharge of sewage during the year (measured in gallons):	N/A

Important extensions of system,	giving location, new	territory covered and	d dates of beginning of	operation
Not a processing area no sewer	plant			

Other important changes, including new plant and equipment built or installed:	
N/A	

Is effluent disinfected?	Yes <u>x</u>	No	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				N/A
How frequently is an effluent analysis reported to a government entity(s)?			N/A
Were any reporting periods missed?		Yes	No <u>x</u>	
How many times did effluent exceed limits?				N/A
Please explain:				
NA				
What is efficiency of sewer plant?				
N/A				

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: 8 homes on gravity to small aeration plant with sludge holding cell . Chlorine and dechlore ,discharges to tributary to Sand Creek.

Method of treatment: Aeration plant with a chlorine contact chamber and dechlore.

Brief general description of disposal system: Sludge to be held in holding cell to be hauled off.

Method of disposal: To be hauled off by ABR Hauling to St. Louis Disposal Solutions.

Area served by sewage system: Legal Description NE 1/4 , NW1/4, Sec. 19, T42N, R04E, Jefferson County x- 708481, Y-4248315	
Date of construction of original plant:	N/A
Population for which plant designed:	28
Plant capacity in gallons per day:	2,800
Average daily discharge of sewage during the year (measured in gallons):	921
Maximum daily discharge of sewage during the year (measured in gallons):	2,160

Important extensions of system, giving location, new territory covered and dates of beginning operation: $\left| N \right/ A$

Other important changes, including new plant and equipment built or installed: Two new electric motors and blowers.

Is effluent disinfected?	Yes	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				Chlorine tablets
How frequently is an effluent analysis reported to a government entity	(s)?			Quarterly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				none
Please explain:				
N/A				
What is efficiency of sewer plant?				
BOD 87% . TSS 98%				

For the calendar year of January 1 - December 31, 2022

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Recirculating sand filter system

Method of treatment: Recirculating sand filter system

Brief general description of disposal system: Sludge is retained in septic tanks at headworks to plant.

Method of disposal: sludge hauled off by A&A Septic to a lagoon

Area served by sewage system: White Branch and Blue Branch subdivisions in Warsaw

Date of construction of original plant:	1997
Population for which plant designed:	1,192
Plant capacity in gallons per day:	110,000
Average daily discharge of sewage during the year (measured in gallons):	36,997
Maximum daily discharge of sewage during the year (measured in gallons):	85,400

Important extensions of system, giving location, new territory covered and dates of beginning operation:

Other important changes, including new plant and equipment built or installed:

Is effluent disinfected?	Yes X	No	Seasonal X	April 1st thru Oct 31st	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):					UV
How frequently is an effluent analysis reported to a government entity	s)?				Monthly
Were any reporting periods missed?	Yes	No X			
How many times did effluent exceed limits?					0
Please explain:					
What is efficiency of sewer plant?					
Greater than 90%					

For the calendar year of January 1 - December 31, 2022

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Three cell lagoon with nitrox

Method of treatment: Primary aeration cell, 2nd settling cell, Nitrox, 3rd polishing cell, UV disinfection

Brief general description of disposal system: NONE

Method of disposal:

NONE

Area served by sewage system: All of old town Cedar Hill, two mobile home parks, all of the west side of Highway 30

Date of construction of original plant:	1972
Population for which plant designed:	2,076
Plant capacity in gallons per day:	207,600
Average daily discharge of sewage during the year (measured in gallons):	80,802
Maximum daily discharge of sewage during the year (measured in gallons):	267,484

Important extensions of system, giving location, new territory covered and dates of beginning operation:

310

Other important changes, including new plant and equipment built or installed: 3 New larger pumps were installed at the lagoon lift station. We added the flow from El Chapparel Lagoon. 3 new pumps were added at Cedar Springs lift station that flows to the lagoon lift station.

Is effluent disinfected?	Yes	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				UV
How frequently is an effluent analysis reported to a government entity(s)?			monthly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				14
Please explain:				
Heavy rain				
What is efficiency of sewer plant?				
BOD 90% , TSS 87%				
GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Primary processing with muffin monster and auger continuing to lift station to circular aeration clarifier, sludge digester and sludge holding. Discharge to UV to Sand Creek.

Method of treatment: 1st cell - aeration cell with two 25 H.P. blowers, 2nd cell - clarifier, 3rd cell - digester and sludge holding

Brief general description of disposal system: Sludge from sludge holding hauled St. Louis Disposal Solutions in St. Louis, MO.

Method of disposal: Hauling by tank truck - ABR Hauling, 5825 Pete O'Brien Rd

Area served by sewage system: East of Hwy 30 north of Local Hillsboro Rd. to Clover Lake subdivision

Date of construction of original plant: 1987 1,500 Population for which plant designed: Plant capacity in gallons per day: 150,000 Average daily discharge of sewage during the year (measured in gallons): 63,931 Maximum daily discharge of sewage during the year (measured in gallons): 301,344

Important extensions of system, giving location, new territory covered and dates of beginning operation: 66 New homes connected.

Other important changes, including new plant and equipment built or installed: Installed new air lines and manifold for the plant. Replaced 3 new pumps in the Sand Creek lift station.

Is effluent disinfected?	Yes	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				UV
How frequently is an effluent analysis reported to a government entity(s)?			Monthly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				1
Please explain:				
heavy rain fall				
What is efficiency of sewer plant?				
BOD 97% , TSS 96%				

Brief general description of sewage treatment: Extended aeration/sludge removal by hauling

Method of treatment: Extended aeration

Brief general description of disposal system: sludge hauled by outside contractor to an AW treatment facility

Method of disposal: hauled to AW treatment facility

Area served by sewage system: small subdivision (SW Alpha Ridge rd.)Trimble Mo.

Date of construction of original plant: N/A 96 Population for which plant designed: Plant capacity in gallons per day: 9,620 Average daily discharge of sewage during the year (measured in gallons): 2258 g/d Maximum daily discharge of sewage during the year (measured in gallons): 2258 g/d

Important extensions of system, giving location, new territory covered and dates of beginning operation:

Other important changes, including new plant and equipment built or installed: 2 New air pumps and motors, new control panel, SCADA

Is effluent disinfected?	Yes	No <u>x</u>	_	Seasonal		
Agent used (i.e., liquid or tablet chlorine, uv, etc.):					N	N/A
How frequently is an effluent analysis reported to a government entity(s)? Quarterly				Quarte	erly
Were any reporting periods missed?	Yes	No <u>x</u>				
How many times did effluent exceed limits? New system to MOAW						0
Please explain:						
What is efficiency of sewer plant?						
					8	5%

Acquired in 2020

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Sand filter system, 3 underground tank system with filters, 8 pumps, control panel, and SCADA

Method of treatment: Septic tanks with pumps, valves and filter beds

Brief general description of disposal system: Have not had to haul yet, septic tank sludge will be hauled to disposal site that could be local lagoon system

Method of disposal: Will be hauled by contractor

Area served by sewage system: Subdivision near Trimble Mo.

Date of construction of original plant: 1990's 740 Population for which plant designed: Plant capacity in gallons per day: 74,000 Average daily discharge of sewage during the year (measured in gallons): 15,300 Maximum daily discharge of sewage during the year (measured in gallons): 37,440

Important extensions of system, giving location, new territory covered and dates of beginning operation:

Is effluent disinfected?	Yes	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				tablet chorine
How frequently is an effluent analysis reported to a government entity(s)? Quarterly			quarterly
Were any reporting periods missed?	Yes	No <u>×</u>		
How many times did effluent exceed limits? New system to MOAW				none
Please explain:				
				Į
What is efficiency of sewer plant?				85%

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Gravity to a two cell lagoon, no aeration, chlorine contact chamber , dechlore, discharged to tributary to Sand Creek.

Method of treatment: Two cell anaerobic lagoon, with chlorine contact chamber and dechlorination

Brief general description of disposal system: Sludge is retained in wastewater treatment lagoon.

Method of disposal: N/A

Area served by sewage system:

Legal Description Sec 24, 142N, KSE, Jenerson County X - 706813 T - 4248664	
Date of construction of original plant:	1/1/1970
Population for which plant designed:	170
Plant capacity in gallons per day:	17,000
Average daily discharge of sewage during the year (measured in gallons):	9,829
Maximum daily discharge of sewage during the year (measured in gallons):	28,800

N/A

Other important changes, including new plant and equipment built or installed: Lagoon closed on 12/29/22, installed new lift station and is pumped to Cedar Hill lagoon.

Is effluent disinfected?	Yes	No	Seasonal x	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				chlorine
How frequently is an effluent analysis reported to a government entity	(s)?			Quarterly
Were any reporting periods missed?	Yes	No <u>x</u>		
How many times did effluent exceed limits?				11
Please explain:				
Rain				
What is efficiency of sewer plant?				
BOD 75% , TSS 39%				

Brief general description of sewage treatment: We collect and send to Hollister

Method of treatment: We do not treat - send to Hollister

Brief general description of disposal system:

Method of disposal:

Area served by sewage system:

Date of construction of original plant:	N/A
Population for which plant designed:	N/A
Plant capacity in gallons per day:	N/A
Average daily discharge of sewage during the year (measured in gallons):	N/A
Maximum daily discharge of sewage during the year (measured in gallons):	N/A
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

Is effluent disinfected?	Yes	No	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government entity(s)?			
Were any reporting periods missed?	Yes	No		
How many times did effluent exceed limits?				
Please explain:				
What is efficiency of sewer plant?				

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Influent lift station, automated bar screen, three cell lagoon, with UV disinfection.

Method of treatment: Primary aeration cell, second cell settling, third cell aeration and UV disinfection.

Brief general description of disposal system: Sludge held in lagoon and removed as needed (Every 10 - 20 years). Last lagoon sludge removal late 2022.

Method of disposal: Sludge still on site for dewatering and will be disposed of through permitted land application once dewatered and permits are in place.

Area served by sewage system: City of Eureka MO located in St. Louis County

Date of construction of original plant: Unknown	2004
Population for which plant designed: 600-700 customers	27,500
Plant capacity in gallons per day:	2.8 MGD
Average daily discharge of sewage during the year (measured in gallons):	1.6 MGD
Maximum daily discharge of sewage during the year (measured in gallons):	2.09 MGD

Important extensions of system, giving location, new territory covered and dates of beginning operation: $\left| N \right/ A$

Is effluent disinfected?	Yes	х	No		Seasonal X		
Agent used (i.e., liquid or tablet chlorine, uv, etc.): Chlorine							UV
How frequently is an effluent analysis reported to a government entity	s)?						Monthly
Were any reporting periods missed?	Yes		No	х	-		
How many times did effluent exceed limits?							1
Please explain:							
TSS removal efficiency exceedance in August of 2022. WWTP was still ownership went thru and we were issued our own permit by DNR the re						ssumed operations August 4th, 202	2. However, once the transfer of
What is efficiency of sewer plant?							
Removal % BOD: 85% & Removal % TSS: 91%							

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: 3 Cell facultative lagoon treatment that discharge into the Panther Creek. Permitted design flow is 144,000 gallons per day with an equivalent population of 1,925. Actual flow is reported in the permit as 160,000 gallons per day. Design Sludge production is estimated at 16.3 dry tons/year. In 1962. The collection system includes: Two large lift stations and One small lift station

Method of treatment: 3 Cell Facultative Lagoon A three-cell lagoon treatment facility including land and property

Brief general description of disposal system: 1964 Built Oxidation Basin (Presently Cell 2); 1989 built Cell 1 & 3; Design Flow is 144,000 GPD

Method of disposal: Storage in Lagoon & Land Application

Area served by sewage system: Approximately 14 miles of sewer mains, including laterals and infrastructure to serve 685 customers.

Date of construction of original plant: Oxidation Basin 1964 (Present Cell 2)	Cell 2 1964/Cell 1 & 3 1989
Population for which plant designed: 600-700 customers	
Plant capacity in gallons per day:	144,000
Average daily discharge of sewage during the year (measured in gallons):	111,875
Maximum daily discharge of sewage during the year (measured in gallons):	390,000
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

Is effluent disinfected?	Yes	No <u>X</u>		Seasonal					
Agent used (i.e., liquid or tablet chlorine, uv, etc.): Chlorine							[NA
How frequently is an effluent analysis reported to a government entity	(s)?]	Quart	erly
Were any reporting periods missed?	Yes	No <u>X</u>	. <u> </u>						
How many times did effluent exceed limits?							[14
Please explain:									
2022 - Second Quarter - Monthly Avg: BOD5 50 Limit 45; Ammonia 2.6 TSS 102 Limit 70; Ammonia 35.1 Limit 1.3; pH 9.5 Limit 9.0;	2 Limit 1.8; ph 9.42 Li	nit 9.0 Low	ving First Cell to	repair upper gate valv	/e (Broke Open) & Al	gae 2022 - Third Qua	rter (No Discha	arge) BOD5 - 100 Limit 45;	
What is efficiency of sewer plant?									
BOD Removal 91%; TSS Removal 87%									

GENERAL INFORMATION SEWER PLANT nplete one page per each sewer plant) (Please cor

Brief general description of sewage treatment: Bar screen, single cell aerated lagoon followed by two storage basins. Wastewater is irrigated to the surface, while sludge is retained in the lagoons.

Method of treatment: Lagoon followed by surface irrigation.

Brief general description of disposal system: Waste water is surface irrigated after settlement, while solids are retained in lagoons.

Method of disposal: As previously noted water is surface irrigated. Solids would be removed thru future dredging.

Area served by sewage system: City limits of Hallsville, MO

Date of construction of original plant: mid 1980's 2,085 Population for which plant designed: Plant capacity in gallons per day: 212,622 Average daily discharge of sewage during the year (measured in gallons): 149,568 estimate Maximum daily discharge of sewage during the year (measured in gallons): 149,568 estimate

Important extensions of system, giving location, new territory covered and dates of beginning operation: None in 2022.

Other important changes, including new plant and equipment built or installed:

None in 2022.

N/A

Is effluent disinfected?	Yes	No	x	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):					
How frequently is an effluent analysis reported to a government entity	s)?				Monthly
Were any reporting periods missed?	Yes	No	x		
How many times did effluent exceed limits?					
Please explain:					
N/A					
What is efficiency of sewer plant?					

Brief general description of sewage treatment: Single Cell facultative lagoon/nitrox system

Method of treatment: lagoon/nitrox

Brief general description of disposal system: Sludge Retained in Lagoon

Method of disposal: Land Application

Area served by sewage system: Hickory Hills

Date of construction of original plant: Unknown	Unknown
Population for which plant designed:	164
Plant capacity in gallons per day:	16,400
Average daily discharge of sewage during the year (measured in gallons):	15,493
Maximum daily discharge of sewage during the year (measured in gallons):	489,419
Important extensions of system, giving location, new territory covered and dates of beginning operation:	
None	

Other important changes, including new plant and equipment built or installed: Weg motor and MD blower

Is effluent disinfected?	Yes	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.): Chlorine				Calcium hypochloride
How frequently is an effluent analysis reported to a government entity	s)?			monthly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				0
Please explain:				
What is efficiency of sewer plant?				
92% BOD TSS 99%				

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: 4 cell lagoon

Method of treatment: 3 cell facultative lagoon with a 4th cell for blending effluent water

Brief general description of disposal system: sludge is retained in lagoon

Method of disposal: stored in lagoon

Area served by sewage system: Hillers Creek

Date of construction of original plant:	n/a
Population for which plant designed:	207
Plant capacity in gallons per day:	16,560
Average daily discharge of sewage during the year (measured in gallons):	8,692
Maximum daily discharge of sewage during the year (measured in gallons):	25,212
Important extensions of system, giving location, new territory covered and dates of beginning operation:	
NONE	

Is effluent disinfected?	Yes	No <u>x</u>	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government entity(s)?			Monthly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				3
Please explain:				
N/A				
What is efficiency of sewer plant?				
BOD 88% TSS 67%				

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Septic tank/recirculating sand filter/sludge disposal by ABR Hauling

Method of treatment: Septic tank, Recirculating Sand Filter, Sludge disposal by contract hauler.

Brief general description of disposal system: Sludge to be hauled to St. Louis Disposal Solutions in St Louis MO.

Method of disposal: Hauling by tank truck - ABR Hauling

Area served by sewage system: Homestead Estates WWTF, 18029 Homestead Manor Dr. Wildwood, MO. 63005

Date of construction of original plant:	N/A
Date of construction of original plant.	N/A
Population for which plant designed:	222
Plant capacity in gallons per day:	22,200
Average daily discharge of sewage during the year (measured in gallons):	3,404
Maximum daily discharge of sewage during the year (measured in gallons):	11,661

Important extensions of system, giving location, new territory covered and dates of beginning operation:

Other important changes, including new plant and equipment built or installed: Rebuilt media beds and added aeration in media beds.

Is effluent disinfected?	Yes	No <u>×</u>	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				none
How frequently is an effluent analysis reported to a government entity(5)?			
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				6
Please explain:				
Ammonia Limits Exceeded				
What is efficiency of sewer plant?				
BOD 90% TSS 91%				

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Influent lift station, flow equalization basin, rotating drum screen, extended aeration, membrane filtration, sludge holding

Method of treatment:

Seimens Membrane Bioreactor System: raw wastewater is screened before it enters the extended aeration tank; activated sludge biologically removes pollutants, and membrane filters clarify and disinfect

Brief general description of disposal system:

Activated sludge is at a high concentration when sent to the sludge holding basin. Solids will be pumped out of the treatment plant by a pumper truck and then taken to the City of Wentzville's waste water treatment plant for ultimate solids disposal.

Method of disposal:

The City of Wentzville has solids handling facilities that further treat solids and they manage final disposal.

Area served by sewage system: Jaxson Estates subdivision in Moscow Mills, MO.

Date of construction of original plant:	2006
Population for which plant designed:	550
Plant capacity in gallons per day:	150,000
Average daily discharge of sewage during the year (measured in gallons):	35,827
Maximum daily discharge of sewage during the year (measured in gallons):	65,175
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

On 12/15/16 the plant was made operational for first time since being built.

Is effluent disinfected?	Yes Y	No	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government entity	(s)?			
Were any reporting periods missed?		Yes	No <u>X</u>	
How many times did effluent exceed limits?				
Please explain:				
What is efficiency of sewer plant?				
BOD 99% TSS 99%				

Brief general description of sewage treatment: See Attached

Method of treatment

See Attached

Brief general description of disposal system: See Attached

Method of disposal: See Attached

Area served by sewage system: See Attached

Date of construction of original plant:

Population for which plant designed:

Plant capacity in gallons per day:

Average daily discharge of sewage during the year (measured in gallons):

Maximum daily discharge of sewage during the year (measured in gallons):

Important extensions of system, giving location, new territory covered and dates of beginning operation: See attached for all information requested on this page.

is effluent disinfected?	Yes	No	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government entity(s)?			
Were any reporting periods missed?	Yes	No		
How many times did effluent exceed limits?				
Please explain:				
What is efficiency of sewer plant?				

	astewater Operations - Pg S-8 Attachment (Faci			For the calendar year of January					T	
FACILITY	Brief Description of sewage treatment	Method of treatment	Area Served by sewage treatment	Receiving Stream	Date of Construction	Design Population	Plant Capacity GPD	Average Discharge for Year	Max. daily Discharge for Year	Extensions of system giving location, territory, dates of ops.
Autumn Woods Estates	Recirculating Sand Filter	Biological filtration process	Autumn Woods Estates Subdivision	Un-named tributary to North Moreau Creek	2005	33	3,300	202	3,364	None
Autumn Woods Lane	Recirculating Sand Filter	Biological filtration process	Autumn Woods Lane Subdivision	Un-named tributary to North Moreau Creek	2007	30	2,960	88	2,004	None
Big Sky Plant	Extended Aeration	Activated Sludge	Big Sky Subdivision	Un-named Tributary Rivaux Creek	1998	166	12,488	1,374	9,123	None
Briar Village Plant	Extended Aeration	Activated Sludge	Briar Village Subdivision	Un-named Tributary Gray's Creek	2012	104	10,500	813	9,863	None
Brownwood Oaks Plant	Recirculating Sand Filer	Biological filtration process	4 plex apartment building	Un-named Tributary Moreau River	unknown	16	1,600	0	0	None
Calley Trail Sand Filter	Recirculating Sand Filter	Biological filtration process	Calley Trail Subdivision	Tributary of Cason Branch	2000	41	3,053	1,550	4,240	None
Cedar Hills Sand Filter	Recirculating Sand Filter	Biological filtration process	Cedar Hill Subdivision	Un-named Tributary to Cason Branch	1997	75	5,625	1,863	11,105	None
Cedar Valley Lagoon	Three Cell Lagoon 1st cell aerated	Aerated lagoon process	Cedar Valley Subdivision/Rock Ridge Es	Un-named Tributary to Wears Creek	unknown	185	15,762	7,160	14,071	None
Coyote Ridge Sand Filter	Recirculating Sand Filter	Biological filtration process	Coyote Ridge Subdivision	Un-named Tributary to Coon Creek	2008	37	3,000	32	1,030	None
Dallmeyer(Moreau Park)	Extended Aeration	Activated Sludge	Dallmeyer Subdivision/Michael Road	Moreau River	unknown	263	20,000	5,756	11,404	None
Dogwood Forest	Extended Aeration	Activated Sludge	Dogwood Forest Subdivision	Tributary to Neighorn Branch	2000	85	8,510	1,262	9,912	None
Dogwood Lake	Extended Aeration	Activated Sludge	The back nine condos	Un-named Tributary to Niemans Creek	2006	149	14,870	845	4,554	None
Evergreen Lagoon	Extended Aeration	Activated Sludge Process	Blue Bird Acres, EG condo	Un-named Tributary to Rivaux Creek	2012	173.8	9,430	1,539	10,511	None
Golden Ponds Lagoon	Three Cell Lagoon	Facultative lagoon process	Golden Ponds Subdivision/Old Barn Rd.	Tributary to Skunk Creek	1996	170	12,466	3,605	11,404	None
Grande Highlands	Extended Aeration	Activated Sludge	Grande Highlands Estates and some ho	Un-named Tributary to Moreau River	1998	274	27,380	4,587	25,741	None
Grothoff Plant	Extended Aeration	Activated Sludge	Apartments and single family homes on	Un-named Tributary to Honey Creek	unknown	117	11,700	360	1,904	None
Halifax Plant	Extended Aeration	Activated Sludge	Halifax and Rabbit Run Subdivision	Un-named Tributary to MO River	1995	148	11,000	2,832	15,206	None
Hidden Valley	Recirculating Sand Filter	Biological filtration process	Hidden Valley Subdivision	Un-named Tributary Rivaux Creek	1996	104	10,400	1,913	11,851	None
Hunter's Creek	Extended Aeration	Activated Sludge	Hunter's Creek Subdivision	Tributary to Skunk Creek	2004	200	15,984	3,733	15,206	None
Hills at Wilbers Farm	Extended Aeration	Activated Sludge	Wilbers Farm Sub	Tributary to Moreau River	2022	140	16,000	115	1,185	None
Kleffner Ridge	Extended Aeration	Activated Sludge	Kleffner Ridge Subdivision	Un-named Tributary to Coon Creek	2004	178	17,760	5,278	16,272	Yes
Lake Carmel Lagoon	Three Cell Lagoon	Facultative lagoon process	Lake Carmel Subdivision	Un-named Tributary to Clark Fork	unknown	126	12,600	9,362	47,734	None
Lakewood Plant	Extended Aeration	Activated Sludge	Lakewood Subdivision	Tributary to Neighorn Branch	unknown	547	46,520	10,928	31,418	None
Lee Street Lagoon	Two Cell Lagoon 1st cell aerated	Aerated lagoon process	Summit View/Lee Street Subdivisions	Tributary to Turkey Creek	unknown	120	12,000	683	4,571	None

oort of Missouri American Jefferson City Wastewater Operations - Pg S-8 Attachment (Facilities)				For the calendar year of January	1					
FACILITY	Brief Description of sewage	Method of treatment	Area Served by	Receiving Stream	Date of Construction	Design Population	Plant Capacity	Average Discharge	Max. daily e Discharge	Extensions of system giving location,
	treatment	ueatment	sewage treatment		Construction	Population	GPD	for Year	for Year	territory, dates of ops.
				Un-named Tributary to Moreau						
Lehman Acres Lagoon	One Cell Lagoon	Facultative lagoon process	Lehman Acres Subdivision	River	unknown	63	6,300	2,284	7,920	None
				Un-named Tributary to Cason						
Maple Leaf Lagoon	Three Cell Lagoon	Facultative lagoon process	Maple Leaf Subdivision	Branch	unknown	66.6	6,660	1,723	7,603	None
Markway Meadows	Extended Aeration	Activated Sludge	Mehmert Place Subdivision	Tributary to Moreau River	2000	192.4	14,430	1,521	10,511	None
Monticello Lagoon	Three Cell Lagoon 1st cell aerated	Aerated lagoon process	Monticello Subdivision/Oakridge Rd.	Tributary to Moreau River	unknown	260	26,000	11,112	26,522	None
-			-	the second Talk store to Manager						
Quail Valley Plant	Extended Aeration	Activated Sludge	Quail Valley Subdivision	Un-named Tributary to Moreau River	unknown	220	22,000	4,540	22,857	Yes
Rackers Plant	Extended Aeration	Activated Sludge	Apartment Building	Tributary to Moreau River	unknown	47	3,000	151	5,173	None
	Extended Aeration	Activated Sludge	Apartment Building	Tributary to woreau River	UNKNOWN	41	3,000	151	5,175	None
Redfield WWTF	Extended Aeration	Astivated Cludge	Redfield Subdivision	Un-named Tributary to Clark Fork	2001	447	28,160	3,133	11,675	None
	Extended Aeration	Activated Sludge	Redileid Subdivision	I OIK	2001	447	26,100	3,133	11,075	None
Rustic Oaks Plant	Extended Aeration	Activated Sludge	Rustic Oaks Subdivision	Tributary to Neighorn Branch	unknown	389	38,900	5,156	19,330	None
				Un-named Tributary to Clifton						
Ryan's Lake Sand Filter	Re-circulating Sand Filter	Biological filtration process	Ryan's Lake Subdivision	Creek	2002	370	24,850	6,028	16,649	None
Shagbark Plant	Extended Aeration	Activated Sludge	Shagbark Subdivision	Tributary to Moreau River	Unknown	130	13,000	2,102	7,940	None
Shamrock North Lagoon	Two Cell Lagoon	Facultative lagoon process	Shamrock	Tributary to Rising Creek	Unknown	59	5,900	1,468	7,646	None
		r douldaive lagoon process	onamook		onanown		0,000	1,400	7,040	None
Sleepy Hollow Plant	Extended Aeration	Activated Sludge	Sleepy Hollow Subdivision	Un-named Tributary to Moreau River	1989	255	18,000	4,250	10,810	None
	Extended / totation	riouratoù olaugo			1000		10,000	1,200	10,010	
Southwind Meadows	Extended Aeration	Activated Sludge	Southwind Meadows Subdivision	Tributary to Rivaux Creek	2006	259	22,015	2,649	11,428	None
				Un-named Tributary to Moreau						
Southwood Hills Plant	Extended Aeration	Activated Sludge	Southwood Hills Subdivision	River	unknown	300	23,000	4,839	11,234	None
				Un-named Tributary to Missouri						
Sterling Ridge	Extended Aeration	Activated Sludge	Sterling Ridge Subdivision	River	2004	192.4	15,392	468	4,511	None
	De viscolation Ocea d'Eller	Distant filmstice and	Othe fferman and all his law	Un-named Tributary to Moreau River	1000	74	7 400	0.400	10.000	N
Stiefferman Sand Filter	Re-circulating Sand Filter	Biological filtration process	Stiefferman Subdivision	River	1993	74	7,400	2,483	10,936	None
Stoney Creek Sand Filter	Re-circulating Sand Filter	Biological filtration process	Stoney Creek Subdivision	Tributary of Clifton Creek - loosing	2001	119	8,880	4,088	8,223	None
Stoney Creek Sand Filter	Re-circulating Sand Filter	Biological Ilitration process	Stoney Creek Subdivision	loosing	2001	119	0,000	4,066	0,223	None
Summit View Plant	Extended Aeration	Activated Sludge	Summit View Subdivision	Tributary to Turkey Creek	unknown	140	11,200	1,434	18,771	None
Sunny Brook Plant	Extended Aeration	Activated Sludge	Sunny Brook Subdivision	Tributary to Moreau River	unknown	80	8,000	1,740	5,802	None
The Highlands	Two Cell Lagoon	Facultative lagoon process	The Highlands	Tributary to Turkey Creek	unknown	190	14,000	5,975	22,677	None
Van Loo Sand Filter	Recirculating Sand Filter	Biological filtration process	Van Loo Subdivision	Coon Creek	1995	333	33,300	9,609	16,748	None
		<u> </u>								
Taos Plant	Oxidation Ditch	Mechanical Aeration	Taos	Sanford Creek	2013	950	150,000	36,098	70,000	None
				Tributante Disi - C - i		105	10.00-			
Willabrand Acres	Extended Aeration	Activated Sludge	Lost Valley Subdivision	Tributary to Rising Creek	unknown	185	18,000	181	3,330	None

FACILITY	ferson City Wastewater Operations - P Important changes	Date	Is Effluent	Agent used	What is	Method of	orting frequ	-	January 1 - Decer How	Explain why
FACILITY	new plant and	Operation	Disinfected	for	Efficiency of	Sludge	luent analy	periods many		they
	equipment built or installed	Began	Disinfected	Disinfection	Sewage Plant	disposal	rnment ent	missed	exceedances	exceeded
	equipment suit et metaneu	Degun		Disinicetion	ocwage Flant	uisposui		missea	execculiees	CACCELLEL
Nuture Maada Fatataa	Control popel (New LIV/ Rulha	2005	Yee	1.87	0.2%	Cantia Tanka	Overterly	Na	1	
Autumn Woods Estates	Control panel /New UV Bulbs	2005	Yes	UV	93%	Septic Tanks	Quarterly	No	1	NH3
Autumn Woods Lane	None	2007	Yes	CL2 Tablets	94%	Septic Tanks	Monthly	No	None	N/A
Big Sky Plant	None	unknown	Yes	CL2 Tablets	80%	Hauled	Quarterly	No	None	N/A
Briar Village Plant	None	2011	Yes	CL2 Tablets	96%	Hauled	Quarterly	No	None	N/A
Brownwood Oaks Plant	None	unknown	Yes	CL2 Tablets	NA	Hauled	Quarterly	No	None	N/A
Calley Trail Sand Filter	None	2000	yes	CL2 Tablets	90%	Hauled	Quarterly	No	6	NH3
Cedar Hills Sand Filter	None	1998	yes	CL2 Tablets	97%	Hauled	Quarterly	No	None	N/A
Cedar Valley Lagoon	None	unknown	none	CL2 Tablets	93%	Retained	Quarterly	No	None	N/A
ocdar valicy Lagoon		dilicitowi	none		0070	Retained	quarterry	110	None	
Coyote Ridge Sand Filter	None	2008	YES	CL2 Tablets	96%	Septic Tanks	Monthly	Yes	1	NH3
oojoto nago cana i noi		2000		OLL TUDIOLO	0070	ooptio runno	inonany	100	-	
Dallmeyer(Moreau Park)	None	unknown	YES	CL2 Tablets	82%	Hauled	Quarterly	No	1	BOD
Dogwood Forest	None	2000	YES	CL2 Tablets	98%	Hauled	Quarterly	No	None	N/A
209.0001.0000		2000	120	OLL TUDIOL	0070	i ladiod	quarterij			
Dogwood Lake	None	2006	yes	CL2 Tablets	94%	Hauled	Quarterly	No	None	N/A
			<u>,</u>							
Evergreen Lagoon	None	2011	Yes	CL2 Tablets	83%	Hauled	Monthly	No	None	N/A
							,			
Golden Ponds Lagoon	None	1997	yes	Cl2 Tablets	98%	Retained	Quarterly	No	2	NH3
Grande Highlands	None	2011	YES	CL2 Tablets	92%	Hauled	Quarterly	No	None	N/A
Grothoff Plant	None	unknown	yes	Cl2 Tablets	92%	Hauled	Quarterly	No	None	N/A
Halifax Plant	None	1995	Yes	Cl2 tablets	95%	Hauled	Quarterly	No	0	N/A
Hidden Valley	None	1997	yes	Cl2 Tablets	99%	Hauled	Monthly	No	None	N/A
Hunter's Creek	None	2004	yes	CL2 Tablets	98%	Hauled	Quarterly	No	0	N/A
				-						
Hills at Wilbers Farm	New Plant	2022	yes	CL2 Tablets	82%	Hauled	Quarterly	no	6	BOD,TSS,NH3
Kleffner Ridge	None	2004	yes	CL2 Tablets	96%	Hauled	Quarterly	No	0	N.A
			1							
Lake Carmel Lagoon	None	unknown	yes	Cl2 Tablet	94%	Retained	Monthly	No	1	BOB
Lakewood Plant	None	unknown	yes	Cl2 Tablet	96%	Hauled	Monthly	No	None	N/A
			ľ				1			
ee Street Lagoon	New blower	unknown	yes	Cl2 Tablet	93%	Retained	Monthly	No	2	NH3

	ferson City Wastewater Operations - P							· /	January 1 - Decer	
FACILITY	Important changes	Date	Is Effluent	Agent used	What is	Method of	orting frequ	Were any	How	Explain why
	new plant and	Operation	Disinfected	for	Efficiency of	Sludge	luent analy		many	they
	equipment built or installed	Began		Disinfection	Sewage Plant	disposal	rnment ent	missed	exceedances	exceeded
Lehman Acres Lagoon	None	unknown	yes	Tablet Cl2	98%	Retained	Monthly	No	None	N/A
Maple Leaf Lagoon	None	1998	none	none	74%	Retained	Quarterly	No	None	N/A
Markway Meadows	None	2014	YES	CL2 Tablets	96%	Hauled	Quarterly	No	0	N/A
Monticello Lagoon	new blower	unknown	YES	CL2 Tablets	96%	Retained	Quarterly	No	None	N/A
				-	-		,			
Quail Valley Plant	None	unknown	YES	CL2 Tablets	76%	Hauled	Monthly	No	None	N/A
Rackers Plant	new blower building	unknown	YES	CL2 Tablets	85%	Hauled	Quarterly	No	None	N/A
	new blower building	UTIKITOWIT	TES	GL2 Tablets	85%	Hauleu	Quarterry	NO	None	IN/A
Redfield WWTF	None	unknown	YES	CL2 Tablets	96%	Hauled	Quarterly	No	None	N/A
Rustic Oaks Plant	None	unknown	YES	CL2 Tablets	95%	Hauled	Quarterly	No	None	N/A
	Cl2 Chamber, Parshall flume and		100							
Ryan's Lake Sand Filter	flow meter.	2002	YES	CL2 Tablets	96%	Hauled	Monthly	No	0	N/A
Shagbark Plant	None	unknown	YES	CL2 Tablets	98%	Hauled	Quarterly	No	None	N/A
Shamrock North Lagoon	None	unknown	yes	Cl2 Tablets	74%	Retained	Quarterly	No	None	N/A
Sleepy Hollow Plant	None	1989	YES	CL2 Tablets	90%	Hauled	Quarterly	No	None	N/A
Development of Manadama	breaker box	0000	¥50	OLO T-LL-M	07%	Landa d		N -	N	
Southwind Meadows	breaker box	2006	YES	CL2 Tablets	97%	Hauled	Monthly	No	None	N/A
Southwood Hills Plant	None	unknown	YES	CL2 Tablets	92%	Hauled	Monthly	No	None	N/A
	None	unknown	120	OLZ TADIets	32.70	ladied	wontiny	NO	None	N/A
Sterling Ridge	None	2004	Yes	Cl2 Tablets	93%	Hauled	Quarterly	No	None	N/A
	1010	2004	105		0070	liddiod	Quarterry	110	None	
Stiefferman Sand Filter	None	1993	YES	CL2 Tablets	97%	Hauled	Quarterly	No	0	N/A
		1000	120	OLL TUDIOL	01.10	i iddiod	quarterry		0	,,,
Stoney Creek Sand Filter	replace fence	2002	YES	CL2 Tablets	94%	Hauled	Quarterly	No	5	NH3
-									-	
Summit View Plant	None	unknown	Yes	CL2 Tablets	93%	Hauled	Monthly	No	None	N/A
Sunny Brook Plant	None	unknown	YES	CL2 Tablets	97%	Hauled	Quarterly	No	None	N/A
The Highlands	None	unknown	Yes	CL2 Tablets	69%	Hauled	Quarterly	No	None	N/A
Van Loo Sand Filter	None	1996	none		98%	Hauled		No	2	NH3
Van Loo Sanu Filler		1990	none	none	30.10	nauleu	Monthly	NU	5	1113
laos Plant	sludge pump volute, scum pit pumps control panel.	2021	Yes	UV	97%	Hauled	Monthly	No	None	N/A
Villabrand Acres	None	unknown	Yes	CL2 Tablets	98%	Hauled	Quarterly	No	None	N/A

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Lagoon - 3 cell system with two finishing cell total of 4 cells

Method of treatment: Lagoon

Brief general description of disposal system: contractor hauled some sludge in 2021

Method of disposal:

contractor land applied removed sludge in 2021

Area served by sewage system: City limits of Lawson

Date of construction of original plant:	1970's
Population for which plant designed:	3,625
Plant capacity in gallons per day:	300,000
Average daily discharge of sewage during the year (measured in gallons):	195,000
Maximum daily discharge of sewage during the year (measured in gallons):	300,000
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

Other important changes, including new plant and equipment built or installed: UV disinfection and filtration

Is effluent disinfected?	Yes	x	No	Seasonal	х	_		
Agent used (ie., liquid or tablet chlorine, uv, etc.):							UV	
How frequently is an effluent analysis reported to a government entity(s)?						once/quarter	
Were any reporting periods missed?	Yes		No <u>X</u>					
How many times did effluent exceed limits?							none	
Please explain:								
What is officiancy of cover plant?								
What is efficiency of sewer plant?								65%

Report of Missouri American Water Company - Maplewood Operations

For the calendar year of January 1 - December 31, 2022

1970's

1.500

132,000

99,273

507,000

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Three cell aerated lagoon with MBBR reactor

Method of treatment: Aerated Lagoon with MBBR reactor

Brief general description of disposal system: Sludge is retained in lagoon.

Method of disposal: Sludge was removed from all three cells and land applied Fall 2018

Area served by sewage system: Maplewood Sub Division Pettis Co. Date of construction of original plant: Population for which plant designed:

Plant capacity in gallons per day:

Average daily discharge of sewage during the year (measured in gallons):

Maximum daily discharge of sewage during the year (measured in gallons):

Important extensions of system, giving location, new territory covered and dates of beginning operation: NA

Other important changes, including new plant and equipment built or installed:
--

This treatment facility was upgraded in 2020 to include the following items: New influent screen, Replaced lagoon aeration equipment, Moving-bed biofilm reactor, Standby emergency power generator, Fencing and other site improvements

Is effluent disinfected'. Yes <u>x</u> No <u>Seasonal</u> <u>x</u> April 1st thru Oct 31st	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):	UV
How frequently is an effluent analysis reported to a government entity(s)?	Monthly
Were any reporting periods missed? Yes No x	
How many times did effluent exceed limits?	14
Please explain:	
We experienced multiple exceedances related to algae treatment at the facility.	
What is efficiency of sewer plant?	84.00%
	04.00 %

Page S-8

Report of	Missouri American Water Company -Meramec District - Meramec Sewer Operations
	Located at 1022 Winter Lake Dr. Fenton, MO 63026

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Activated Aeration

Method of treatment:

Extended Aeration with Muffin Monster to Primary circular clarifier and secondary circular clarifier

Brief general description of disposal system: Sludge Hauling by contractor ABR Septic Services

Method of disposal: Sludge Hauled to St. Louis Disposal Solution

Area served by sewage system: Fenton

Date of construction of original plant:	1979
Population for which plant designed:	2,450
Plant capacity in gallons per day:	209,000
Average daily discharge of sewage during the year (measured in gallons):	86,309
Maximum daily discharge of sewage during the year (measured in gallons):	726,455

Important extensions of system, giving location, new territory covered and dates of beginning operation: No main extensions in 2020

Other important changes, including new plant and equipment built or installed:

INDITE				
Is effluent disinfected?	Yes	No	Seasonal x	
Agent used (ie., liquid or tablet chlorine, uv, etc.):				UV Light
How frequently is an effluent analysis reported to a government entity(s)?				
Were any reporting periods missed?	Yes	No <u>x</u>		
How many times did effluent exceed limits?				
Please explain:				
Early in the year 2022 the Meramec plant started undergoing some major repairs and upgr. procedure was done to each clarifier. Only one section of the plant could be taken out of se all the work is done the plant will operate more consistently, efficiently and safely				

What is efficiency of sewer plant? BOD 95% , TSS 98%

Brief general description of sewage treatment: Two Cell Lagoon

Method of treatment:

Lagoor

Brief general description of disposal system: Sludge Retained in Lagoon

Method of disposal: Sludge Retained in Lagoon

Area served by sewage system: Monsees Lake Subdivision

Date of construction of original plant: 1970s Г Population for which plant designed: 283 Plant capacity in gallons per day: 28,300 Average daily discharge of sewage during the year (measured in gallons): N/A Maximum daily discharge of sewage during the year (measured in gallons): N/A Important extensions of system, giving location, new territory covered and dates of beginning operation: $N/A\,$

Is effluent disinfected?	Yes	No <u>x</u>	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				N/A
How frequently is an effluent analysis reported to a government entity	/(s)?			Quarterly
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				4
Please explain:				
This facility is a new acquisition for MAW. We are evaluating the lagoo	n to determine if we ne	ed to make facility upgrades.		
What is efficiency of sewer plant?				67%
				0776

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Lagoon system 3 cell treatment, first cell is aerated

Method of treatment:

lagoon

Brief general description of disposal system: retain in lagoon

Method of disposal: contract dredge and land apply or haul

Area served by sewage system: City of Orrick

Date of construction of original plant:	1960's
Population for which plant designed:	1,184
Plant capacity in gallons per day:	118,400
Average daily discharge of sewage during the year (measured in gallons):	11,100
Maximum daily discharge of sewage during the year (measured in gallons):	18,000

Important extensions of system, giving location, new territory covered and dates of beginning operation: N/A

Is effluent disinfected?	Yes	No <u>X</u>	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government ent	ity(s)?			once/ quarter
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				none
Please explain:				
What is efficiency of sewer plant?				•
				65%

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Extended aeration/sock filter clarifier/UV disinfection

Method of treatment: Extended aeration

Brief general description of disposal system: Sludge is stored in a sludge holding basin that is attached to the plant.

Method of disposal: Sludge is removed by owner

Area served by sewage system: Ozark Meadows II sub division Date of construction of original plant: 2000 Population for which plant designed: 140 Plant capacity in gallons per day: 10,500 Average daily discharge of sewage during the year (measured in gallons): 1,399 Maximum daily discharge of sewage during the year (measured in gallons): 17,211 Γ

Important extensions of system, giving location, new territory covered and dates of beginning operation: NA

Other important changes, including new plant and equipment built or installed:

Is effluent disinfected': Yes <u>x</u> No Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):	UV
How frequently is an effluent analysis reported to a government entity(s)?	quarterly
Were any reporting periods missed? Yes No x	
How many times did effluent exceed limits?	0
Please explain:	
What is efficiency of sewer plant?	

97% BOD & TSS

NA

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: The Parkville sewer system is connected to Kansas City sewer system. All treatment is done there.

Method of treatment: N/A

Brief general description of disposal system: N/A

Method of disposal: N/A

None

Area served by sewage system:

Platte County Area (Ridgewood subdivision)	
Date of construction of original plant:	N/A
Population for which plant designed:	N/A
Plant capacity in gallons per day:	N/A
Average daily discharge of sewage during the year (measured in gallons):	N/A
Maximum daily discharge of sewage during the year (measured in gallons):	N/A
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

Is effluent disinfected?	Yes	No	Seasonal	_		
Agent used (ie., liquid or tablet chlorine, uv, etc.):						
How frequently is an effluent analysis reported to a government entity	y(s)?					
Were any reporting periods missed?	Yes	No				
How many times did effluent exceed limits?						
Please explain:						
Analysis is not required because discharge is into an existing sewer s	system					
What is efficiency of sewer plant?					_	

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Primary processing with a bar screen, gravity feed to circular aeration clarifier, sludge digester, Discharge UV to Meramec river.

Method of treatment: 1st cell - aeration with two blowers, 2nd cell clarifier, 3rd cell digester sludge holding tank.

Brief general description of disposal system: Sludge from sludge holding hauled St. Louis Disposal Solutions in St. Louis, MO.

Method of disposal: Hauling by tank truck - ABR Hauling, 368 Stonewall Dr.

Area served by sewage system: Pevely Farm estates, Eureka Mo.

Date of construction of original plant:	unknown
Population for which plant designed:	1,000
Plant capacity in gallons per day:	100,000
Average daily discharge of sewage during the year (measured in gallons):	30,051
Maximum daily discharge of sewage during the year (measured in gallons):	261,870
Important extensions of system, giving location, new territory covered and dates of beginning operation:	
N/A	

Is effluent disinfected?	Yes x	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				UV
How frequently is an effluent analysis reported to a government entity	(s)?			
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				0
Please explain: N/A				
N/A				
What is efficiency of sewer plant?				
BOD 90% , TSS 94%				

Brief general description of sewage treatment: The treatment facility is a recirculating sand filter with ultra-violet disinfection and effluent flow measurement. Raw wastewater is pumped to a septic tank where initial BOD and TSS removal occurs. From the septic tank, wastewater flows to a dosing chamber which contains eight dosing pumps where it is pumped to the sand filters. The wastewater enters the sand filters through a series of orifices, percolates through the sand/gravel media where it is collected to the underdrain system and flows to the recirculation structure. The recirculation structure consists of two fixed weirs which are arranged in such a manner that 80% of the flow will be returned to the dosing tank and 20% will be discharged. Discharged flow is disinfected with UV light, measured and discharged to Spring River.

Method of treatment: Septic, filter media, UV disinfection.

Brief general description of disposal system: Sludge generated in the septic process is disposed of by hauler.

Method of disposal: Contracted private hauler

Area served by sewage system:

Area served generally lies within the corporate boundaries of the City of Purcell. One additional customer has been added that lies outside the corporate limits of the City.	
Date of construction of original plant:	unknown
Population for which plant designed:	435
Plant capacity in gallons per day:	43,500
Average daily discharge of sewage during the year (measured in gallons):	
Maximum daily discharge of sewage during the year (measured in gallons):	
Important extensions of system, giving location, new territory covered and dates of beginning operation: N/A	

Is effluent disinfected?	Yes	No	Seasonal X	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				UV
How frequently is an effluent analysis reported to a government entity	(s)?			
Were any reporting periods missed?	Yes	No <u>X</u>		
How many times did effluent exceed limits?				
Please explain:				
What is efficiency of sewer plant?				

Brief general description of sewage treatment: Influent Grit Chamber/Extended Aeration/Two(2)Clarifiers/Aerated Sludge Holding Tank

Method of treatment: Influent Grit Chamber/Extended Aeration/Two(2)Clarifiers/Aerated Sludge Holding Tank

Brief general description of disposal system: Sludge from sludge holding hauled St. Louis Disposal Solutions in St. Louis, MO.

Method of disposal: Hauling by tank truck - ABR Hauling, 368 Stonewall Dr.

Area served by sewage system: Radcliffe Estates, Eureka Mo.

Date of construction of original plant:	unknown
Population for which plant designed:	700
Plant capacity in gallons per day:	58,200
Average daily discharge of sewage during the year (measured in gallons):	22,134
Maximum daily discharge of sewage during the year (measured in gallons):	64,367
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

Other important changes, including new plant and equipment built or installed:

Is effluent disinfected?	Yes	x	No	_	Seasonal	х		
Agent used (i.e., liquid or tablet chlorine, u	ıv, etc.):							UV
How frequently is an effluent analysis repo	orted to a go	overnment entity(s)?						
Were any reporting periods mis	Yes		No <u>X</u>					
How many times did effluent exceed limits	;?							3
Please explain:								
N/A								

What is efficiency of sewer plant? BOD 96%

TSS 67%

022

Report of Missouri American Water Company - Rogue Creek	For the calendar year of January 1 - December 31, 2022
GENERAL INFORMATION	
SEWER PLANT (Please complete one page per each sewer plant)	
Brief general description of sewage treatment:	
Influent lift station, flow equalization, extended Aeration, clarification, calcium hypochlorite tablet disinfection, de-chlorination, and solids holding an	d concentrating
Method of treatment:	
extended aeration activated sludge treatment	
Brief general description of disposal system:	ter and all and here a summer dense have a discussion of the
waste water solids are stored and concentrated in a holding cell of treatment system. Once solids are concentrated it will be pumped out of the trea	unen plant by a pumper truck and nauled on.
Method of disposal: ABR Septic hauls solids	
Area served by sewage system:	
Rogue Creek Subdivision in Potosi, MO	
Date of construction of original plant:	
Population for which plant designed:	
Plant capacity in gallons per day:	
Average daily discharge of sewage during the year (measured in gallons):	
Maximum daily discharge of sewage during the year (measured in gallons):	
Important extensions of system, giving location, new territory covered and dates of beginning operation:	
Other important changes, including new plant and equipment built or installed:	
New blowers for plant	
la affluant disinfected O	
Is effluent disinfected? Yes <u>x</u> No Seasonal <u>x</u>	
Agent used (ie., liquid or tablet chlorine, uv, etc.):	tablet chlorine
How frequently is an effluent analysis reported to a government entity(s)?	monthly
Were any reporting periods missed? Yes No	
How many times did effluent exceed limits?	N/A
Please explain:	
What is efficiency of sewer plant?	
Efficiency: BOD removal = 91% TSS removal = 91%	

1972 300 32,000 13,129 36,000

GENERAL INFORMATION SEWER PLANT

(Please complete one page per each sewer plant)

Brief general description of sewage treatment: A gray water collection system that filters solids through a recirculation settling tank then distributes to a drip irrigation field.

Method of treatment: No treatment; distributed to a drip irrigation field.

Brief general description of disposal system: Drip irrigation of filtered gray water only.

Method of disposal: Drip irrigation of gray water sludge is hauled off to Hollister Treatment Plant.

Area served by sewage system:

Saddlebrooke Village	
Date of construction of original plant:	N/A
Population for which plant designed:	N/A
Plant capacity in gallons per day:	N/A
Average daily discharge of sewage during the year (measured in gallons):	N/A
Maximum daily discharge of sewage during the year (measured in gallons):	N/A

Important extensions of system, giving location, new territory covered and dates of beginning operation:

Other important changes, including new plant and equipment built or installed: Installed 24 new media filter lids

Is effluent disinfected?	Yes	No <u>X</u>	Seasonal	
Agent used (ie., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government enti	ty(s)?			Monthly
Were any reporting periods missed?	Yes	No <u>x</u>		
How many times did effluent exceed limits?	None			
Please explain:				

What is efficiency of sewer plant?

GENERAL INFORMATION SEWER PLANT (Please complete one page per each sewer plant)

Brief general description of sewage treatment: Interceptor sewer line that extends from Stonebridge/Roark to City of Branson wastewater collection system. It is approximately 22,500' long, 24' in diameter.

Method of treatment: NA

Brief general description of disposal system:

NA

Method of disposal: NA

Area served by sewage system:

See certificated area map	
Date of construction of original plant:	NA
Population for which plant designed:	NA
Plant capacity in gallons per day:	NA
Average daily discharge of sewage during the year (measured in gallons):	N/A
Maximum daily discharge of sewage during the year (measured in gallons):	N/A

Important extensions of system, giving location, new territory covered and dates of beginning operation:

Other important changes, including new plant and equipment built or installed: Replaced pump and added slide rails at Silver Oak lift station

Is effluent disinfected?	Yes	No <u>N/A</u>	Seasonal	
Agent used (i.e., liquid or tablet chlorine, uv, etc.):				NA
How frequently is an effluent analysis reported to a government entity(s)?			NA
Were any reporting periods missed?		Yes	No	
How many times did effluent exceed limits?				NA
Please explain:				
The City of Branson treats the sewer.				
What is efficiency of sewer plant?				
NA				

Brief general description of sewage treatment:

Method of treatment:

Brief general description of disposal system:

Method of disposal:

Area served by sewage system:

Date of construction of original plant:	N/A
Population for which plant designed:	N/A
Plant capacity in gallons per day:	N/A
Average daily discharge of sewage during the year (measured in gallons):	N/A
Maximum daily discharge of sewage during the year (measured in gallons):	N/A
Important extensions of system, giving location, new territory covered and dates of beginning operation:	

Is effluent disinfected?	Yes	No	Seasonal	
Agent used (ie., liquid or tablet chlorine, uv, etc.):				
How frequently is an effluent analysis reported to a government entity(s)?			
Were any reporting periods missed?	Yes	No		
How many times did effluent exceed limits?				
Please explain:				
Analysis is not required because discharge is into an existing sewer sy	/stem			
What is efficiency of sewer plant?				

Report of Missouri American Jefferson	City Wastewater Operation	ons - Pg S-8 Attachment (Facilities)	For the calendar year of Januar	ry 1 - December 3	1, 2022				
FACILITY	Brief Description	Method of	Area	Receiving Stream	Date of	Design	Plant	Average	Max. daily	Extensions of system
	of sewage	treatment	Served by		Construction	Population	Capacity	Discharge	Discharge	giving location,
	treatment		sewage treatment				GPD	for Year	for Year	territory, dates of ops.
Churchview WWTF	Extended Aeration	Activated sludge	Churchview Heights	Tributary to Moreau River	unknown	329	30,000	3,718	16,583	None
Deer Haven WWTF	Extended Aeration	Activated Sludge	Deer Haven	Tributary to Rock Creek	unknown	285	21,368	2,458	12,200	None
Northwest WWTF	Lagoon	Aerated Lagoon	Wardsville north west	Herbrandt Branch	Unknown	1510	151,000	63,247	298,604	None

Report of Missouri America	n Jefferson City Wastewa	ter Operations - Pg	S-8 Attachment (Faci	ilities)			For the calendar year of Janu	ary 1 - Decemb	er 31, 2022	
FACILITY	Important changes	Date	Is Effluent	Agent used	What is	Method of	Reporting frequency	Were any	How	Explain why
	new plant and	Operation	Disinfected	for	Efficiency of	Sludge	of effluent analysis to	periods	many	they
	equipment built or installed	Began		Disinfection	Sewage Plant	disposal	government entity(s)	missed	exceedances	exceeded
Churchview WWTF	new control panel	unknown	Yes	CL2 Tablets	92%	Hauled	monthly	No	0	N/A
Deer Haven	new control panel	Unknown	Yes	Cl2 Tablets	93%	Hauled	monthly	No	1	NH3
Wardsville northwest	new control panel	unknown	Yes	UV	90%	retained in lago	Monthly	No	10	nh3

GENERAL INFORMATION SEWER PLANT

(Please complete one page per each sewer plant)

Brief general description of sewage treatment: Pretreatment grinding and manual screen, Flow equalization, Extended Aeration, Clarification, UV disinfection, and Solids Holding & Concentration.

Method of treatment: Extended aeration activated sludge treatment

Brief general description of disposal system:

Waste water solids are stored and concentrated in two holding cells of the treatment system. Once solids are concentrated they are pumped out of the treatment plant by a pumper truck and then taken to the City of Wentzville's waste water treatment plant for ultimate solids disposal.

Method of disposal:

N/A

The City of Wentzville has solids handling facilities that further treat solids and they manage final disposal.

Area served by sewage system:

Date of construction of original plant:	1981
Population for which plant designed:	800
Plant capacity in gallons per day:	80,000
Average daily discharge of sewage during the year (measured in gallons):	55,018
Maximum daily discharge of sewage during the year (measured in gallons):	195,601
Important extensions of system, giving location, new territory covered and dates of beginning operation: N/A	

Other important changes, including new plant and equipment built or installed:

Is effluent disinfected?	Yes X	No	Seasonal X	
Agent used (ie., liquid or tablet chlorine, uv, etc.):				UV light
How frequently is an effluent analysis reported to a government entity(s	5)?			Monthly
Were any reporting periods missed?	Yes	No <u>x</u>		
How many times did effluent exceed limits?				0
Please explain:				

What is efficiency of sewer plant? BOD removal = 96% TSS removal = 99%

GENERAL INFORMATION SEWER PLANT

(Please complete one page per each sewer plant)

Brief general description of sewage treatment: Influent lift station, Pretreatment grinding and manual screen, Flow equalization, Extended Aeration, Clarification, UV disinfection, and Solids Holding & Concentration.

Method of treatment: Extended aeration activated sludge treatment

Brief general description of disposal system:

Waste water solids are stored and concentrated in two holding cells of the treatment system. Once solids are concentrated they are pumped out of the treatment plant by a pumper truck and then taken to the City of Wentzville's waste water treatment plant for ultimate solids disposal.

Method of disposal:

The City of Wentzville has solids handling facilities that further treat solids and they manage final disposal.

Area served by sewage system:

incline Village and surrounding parts of St. Charles, Lincoln & Warren Counties	
Date of construction of original plant:	1981
Population for which plant designed:	800
Plant capacity in gallons per day:	80,000
Average daily discharge of sewage during the year (measured in gallons):	85,415
Maximum daily discharge of sewage during the year (measured in gallons):	200,240
Important extensions of system, giving location, new territory covered and dates of beginning operation: N/A	

Is effluent disinfected?	Yes X	No	Seasonal X	_	
Agent used (ie., liquid or tablet chlorine, uv, etc.):				UV light	
How frequently is an effluent analysis reported to a government entity(s	s)?			Monthly	
Were any reporting periods missed?	Yes	No <u>X</u>			
How many times did effluent exceed limits?	None				
Please explain:					
What is efficiency of sewer plant?					
BOD removal = 96%, TSS removal = 99%					

SEWER INFORMATION - Anna Meadows Wastewater
PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31,

2022

				_	_	_	_	Page S9	_	
Pumping Equipment							Unit			
a)						(b)	(c)	(d)	(e)	
							WWTP Influent			
ocation or Station						Lift Station				
						ABS AFP 1041 M34/5	ABS AFP 1041 M34/5			
/ake or Type and Nameplate Data of Pump(s)						submersible				
ear Installed tate Capacity (gpm)						2006				
ize						8.5"	8.5"			
low Driven?						Direct drive	Direct drive			
Give nameplate data of motor:										
ABS 4.7 HP Submersible Pump Model #AFP (K) 1041.3M35/4; 4	160volt/sphase/17	50RPM								
Vhat preventative maintenance is given pumping equipment?										
loats are tested, wet well is cleaned, pumps removed and clear	ned, electrical lead	is tested								
						-				
re manufacturer's instructions adhered to?		Yes	Х	No						
Vhat, if any, repairs were accomplished on pumping equipment	during the year?									
vitat, il any, repairs were accomplished on pumping equipment	during the year :									
			ervice Connectio							
		Do	o not own-Remo	ove		1		1	1	
Size (inches)	4"									
ype (CI, VCP, etc.)	PVC									
otal Active Service Connections (by size):	159									
No. at Beginning of Year No. Added During the Year	159									
No. Retired During the Year	159									
No. at End of Year	-				-	-	-	-		
Give full particulars concerning inactive connections:										
here are 3 uninhabitable lots (lot w/ well house, wastewater pla	nt and one private	ly owned lot wit	h small swimmin	g pool on it).						
		Collecting, I	Interceptor and	Force Mains						
		0.	·							
		Collecting Mains	s		Force Main		Interceptor Mains			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
ting (inchoo)				.						
Size (inches)	8" DV/C			8" DVC						
ype of Main (CI, VCP, etc.)	PVC			PVC						
ength of Pipe (round to nearest foot)	E 433			50 50						
eginning of Year ddad During the Year	5432 0									
Added During the Year Retired During the Year	0			0						
End of the Year	5432			50		1				
iu ui uie redi	5432		1	50	1	1	1		1	

42" Concrete

46

0 46 48" Concrete

Added During the Year Retired During the Year End of the Year

Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year End of the Year

Manholes
SEWER INFORMATION ARNOLD PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTI	NG, INTERCE	PTOR, FORG	E MAINS AN	D MANHOLE	8					Page S9	
Pumping Equipment (a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)
Location or Station Make or Type and Nameplate Data of Pump(s)	Keller ABS	Keller Sulzer	Twin Oaks Sulzer		141 Pump Sulzer	141 Pump ABS	Karley ABS	Karley ABS	Louie Drive	Rosedale ABS	Rosedale ABS
Year Installed Rate Capacity (grm) Size How Driven?	1984 300 10 HP 480 volt	2016 300 10 HP 480 volt	2015 100 7.5 HP 480 volt	7.5 HP		1984 130 7.5 HP 480 volt		2015 50 3.8 HP 240	2000 25 3 HP 240 volt	1992 75 5HP 240 volt	1992 75 5HP 240 volt

Give nameplate data of motor:

What preventative maintenance is given pumping equipment? All lift stations listed above were inspected and cleaned. Oil replaced.

Are manufacturer's instructions adhered to? X Yes No What, if any, repairs were accomplished on pumping equipment during the year? Two pumps replaced in 2016 - one at Keller LS and one at Hwy 141 LS. Annual maintenance done on all pumps.

Service Connections Do not own

Size (inches) Type (CI, VCP, etc.) Total Active Service Connections (by size): No. at Beginning of Year No. Added During the Year No. at End of Year Give full particulars concerning inactive connections:

Collecting, Interceptor and Force Mains															
	Coll	ecting Mains	5		Interceptor Mains Force Mains										
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	()	(k)	(I)	(m)	(n)		
Size (inches) Type of Main (CI, VCP, etc.)	8" VCP	6" VCP	12" VCP	10" VCP	8" PVC	36" PVC	12" Concrete	15" Concrete	18" Concrete	1.5" PVC	3" DI	4" DI	6" DI		
Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year	320,938	848	3,108 12	10,255	202,317 30	5,726	5,439	6,644	52,516	140	600	1,230	760		
End of the Year Size (inches)	320,938	848 16"	3,120 30"	10,255 21"	202,347	5,726 27"	5,439	6,624	52,516	140	600	1,230	760		
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year	PVC 593	HDPE 1,397	0	Concrete 4,340	Concrete 3,708	Concrete 15,669									
Added During the Year Retired During the Year End of the Year	0 0 593	0 0 1,397	1,530 0 1,530	4,340	30 3,738	15,669									
<u>Manholes</u> Size Construction Material															
Number Beginning of the Year Added During the Year	3,240														
Retired During the Year End of the Year	0 3,252														

								Page S9		
Pumping Equipment						Unit				
(a)						(b)	(c)	(d)	(e)	
Location or Station						n/a				
Make or Type and Nameplate Data of Pump(s)						n/a				
Year Installed						n/a				
Rate Capacity (gpm)						n/a				
Size How Driven?						n/a n/a				
Give nameplate data of motor:										
What preventative maintenance is given pumping equipment?						n/a				
Are manufacturer's instructions adhered to?	during the user?	Yes		No		n/a				
What, if any, repairs were accomplished on pumping equipment of	during the year?					n/a				
			ervice Connectio							
Size (inches)										
Type (CI, VCP, etc.)										
Total Active Service Connections (by size): No. at Beginning of Year										
No. Added During the Year										
No. Retired During the Year										
No. at End of Year Give full particulars concerning inactive connections:										
There are 3 uninhabitable lots (lot w/ well house, wastewater plan	t and one private	ely owned lot with	h small swimmin	g pool on it).						
		Collecting, I	nterceptor and	Force Mains						
		Gravity Mains		I	nterceptor Main	IS		Force Mains		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches)	8									
Type of Main (CI, VCP, etc.)	PVC									
Length of Pipe (round to nearest foot)	515									
Beginning of Year	515									
Added During the Year	0									
Retired During the Year	0									
End of the Year	515									
Manholes										
Construction Material										
Size:	48 3									
Beginning of the Year	3									
Added During the Year Retired During the Year	0									
End of the Year	3									
			1		1			1		

SEWER INFORMATION -Austin Trails Wastewater PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

	SEWER	INFORMATION - Bento	n Co Wastewate	<u>er</u> R FORCE MAIN	S AND MANHO	LES		
<u> </u>				g . 01.02			Page S9	
	Pumping Equipment					Un	:+	
	(a)				(b)	(c)	(d)	(e)
Location or Station - 2 lift stations					Blue Branch	White Branch		
Make or Type and Nameplate Data of Pump(s)					Enviro Line	Flygt		
Year Installed					1998	2018		
Rate Capacity (gpm)					1998	160		
Size					20 hp	11 hp		
How Driven?					Electric	Electric		
Give nameplate data of motor:								
What preventative maintenance is given pumping equipment?								
Daily routine maintenance check on each liftstation								
Are manufacturer's instructions adhered to?		Yes x	No]			
What, if any, repairs were accomplished on pumping equipment	during the year?							
Old grinder pumps in the system conitue to be replaced as they	fail							
		Service Connection	2006					
		Do not own services-l						
Size (inches)	1 1/4"							
Type (CI, VCP, etc.) Total Active Service Connections (by size):								
No. at Beginning of Year	371							
No. Added During the Year	0							
No. Retired During the Year	371							
No. at End of Year	0		-	-	-	-	-	-
Give full particulars concerning inactive connections:								

		Collecting, I	nterceptor and	Force Mains						
	(Collecting Mains	;		Force Mains		Force Mains			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches) Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year End of the Year	4" PVC 6,739 6,739	8" PVC 3,610 3,610		2" 17,012 - 17,012	2.5" 6,580 6,580	3" 9,794 9,794	4" PVC 6,070 6,070	6" PVC 432 432		
<u>Manholes</u> Size Construction Material : Number: Beginning of the Year: Added During the Year: Retired During the Year: End of the Year:	8" Concrete 47 47 0 0 47									

For the calendar year of January 1 - December 31 2022

PUMPING EQUIPM	SEWER INFORM IENT, SERVICE	IATION - Cedar CONNECTIONS	Hill District - No , COLLECTING	orthwest Highson, INTERCEPTOR	chool Lift Statio R, FORCE MAIN	<u>n</u> S AND MANHO		Page S9	
F	umping Equipme	nt					U	nit	
	(a)					(b)	(c)	(d)	(e)
La sakian na Otakian. Llans 20 Marth of Land Llillaham David									
Location or Station - Hwy 30 North of Local Hillsboro Road Make or Type and Nameplate Data of Pump(s)						ABS	ABS		
Year Installed						1997	1997		
Rate Capacity (gpm) Size						640 GPM 4.7	640 GPM		
How Driven?						4.7 Floats	4.7 Floats		
Give nameplate data of motor:									
ABS Model AFP1040/M35/4-12									
What preventative maintenance is given pumping equipment?									
Monthly inspection and annual inspection oil change									
Are manufacturer's instructions adhered to?		Yes	Х	No		1			
	during the upor?	105	X	110					
What, if any, repairs were accomplished on pumping equipment	during the year?								
			ervice Connectio						
	L	Do	not own-Remo	ove					
Size (inches) Type (CI, VCP, etc.)	6" PVC								
Total Active Service Connections (by size):	8								
No. at Beginning of Year No. Added During the Year	8								
No. Retired During the Year	8								
No. at End of Year Give full particulars concerning inactive connections:	0	-	-	-	-	-	-	-	-
N/A									
		Collecting,	Interceptor and F	Force Mains					
		Collecting Mains	5	I	Interceptor Mains	6		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	8"			4"			4"		
Type of Main (CL VCP, etc.)	PVC			PVC			PVC SCH 26		
Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year	2,181 2,181			180 180			2,600 2,600		
Added During the Year	0			0			0		
End of the Year	0 2,181			0 180	-	-	2,600	-	-
<u>Manholes</u>									
Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year	48"								
Construction Material Number	Concrete 12								
Beginning of the Year	12								
Retired During the Year	0								
End of the Year	12								

For the calendar year of January 1 - December 31 2022

PUMPING EQUIPM	ENT, SERVICE (CONNECTIONS	5, COLLECTING	, INTERCEPTO	R, FORCE MAIN	S AND MANHO		Page S9			
F	umping Equipme (a)	nt				(b)	(c)	nit (d)	(e)		
	. ,							.,			
Location or Station - Southeast Corner of Sand Creek Treatment	Plant. 5825 Pete	O'Brien Road									
Make or Type and Nameplate Data of Pump(s)	,					Flyght	Flyght	Flyght			
Year Installed						2007	2007	2007			
Rate Capacity (gpm)						270 GPM	270 GPM	270 GPM			
Size						3 HP Pressure	3 HP Pressure	3 HP Pressure			
Have Detroined	w Driven?										
How Driven?						Transducer	Transducer	Transducer			
Give nameplate data of motor:											
Flight 3085 all pumps											
What preventative maintenance is given pumping equipment?											
Monthly inspection and annual inspection oil change											
Are manufacturer's instructions adhered to?		Yes	Х	No]					
What, if any, repairs were accomplished on pumping equipment None	during the year?										
			ervice Connectio								
		Do	o not own-Remo	ove				· · · · · ·			
Size (inches)	6"										
Type (CI, VCP, etc.)	PVC										
Total Active Service Connections (by size): No. at Beginning of Year	312										
No. Added During the Year	0.12										
No. Retired During the Year	312										
No. at End of Year Give full particulars concerning inactive connections:	0		-	-	-	-	-	-	-		
N/A											
		Collecting,	Interceptor and I	Force Mains							
		Collecting Mains	5		Interceptor Main	s		Force Mains			
					1	1					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
(3)	(5)	(0)	(u)	(0)	(1)	(9)	(1)	(1)	U)		
Size (inches) Type of Main (CI, VCP, etc.)	8" PVC										
Length of Pipe (round to nearest foot)	14,200										
Beginning of Year	14,200										
Added During the Year Retired During the Year	0										
End of the Year	14,200										
<u>Manholes</u> Size	48"										
Construction Material	40 Concrete										
Number	204										
Beginning of the Year	204										
Added during the year Retired During the Year	0										
End of the Year	204		İ		1			1			

SEWER INFORMATION - Cedar Hill District - Sand Creek Lift Station

SEWER INFORMATION - Cedar Hill District - Twin Pines Lift Station PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAIN	S AND MANHO	LES		
			Page S9	
Pumping Equipment				
(a)	(b)	(c)	(d)	(e)
La sellar a Otalian Tha Otalam (Lilahaan 20 shara af Tain Dinas anh ilidian	Single phase	Single phase	3 phase	3 phase
Location or Station - The Cedars & Highway 30 at rear of Twin Pines subdivision Make or Type and Nameplate Data of Pump(s)	Flygt	Flygt	EBARA	EBARA
Year Installed	2005	2005	2016	2016
Rate Capacity (gpm)	2005 270 GPM	2005 270 GPM	2016	2016
Rate Capacity (gpin) Size	7.5 HP	7.5 HP	7.5 HP	7.5 HP
How Driven?	hard start	hard start	VFD	VFD
Give nameplate data of motor:				
EBARA model DLFU				
What preventative maintenance is given pumping equipment?				
Monthly inspection and annual inspection oil change				
Are manufacturer's instructions adhered to? Yes X No				

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31,

2022

What, if any, repairs were accomplished on pumping equipment during the year? Purchased two new three phase Flygt pumps to replace existing single phase pumps. The new pumps will be installed in the Spring of 2017. Two new EBARA 7.5 HP pumps were installed in 2017 with new PLC p

			ervice Connectic o not own-Remo						
Size (inches)	6"								
Type (CI, VCP, etc.)	PVC								
Total Active Service Connections (by size):	0								
No. at Beginning of Year	67								
No. Added During the Year	0								
No. Retired During the Year	67								
No. at End of Year	0	-	-	-	-	-	-	-	-
Give full particulars concerning inactive connections:									

		Collecting,	Interceptor and F	Force Mains						
		Collecting Mains	\$	l	Interceptor Main	s	Force Mains			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches)	8"			4"			6"			
Type of Main (CI, VCP, etc.)	PVC			PVC			PVC SCH 26			
Length of Pipe (round to nearest foot)	6,400			180			1,540			
Beginning of Year	6,400			180			1,540			
Added During the Year	0			0			0			
Retired During the Year	0			0			0			
End of the Year	6,400			180			1,540	-	-	
Manholes										
Size	48"									
Construction Material	Concrete									
Number	33									
Beginning of the Year	33									
Added During the Year	0									
Retired During the Year	0									
End of the Year	33									

PUMPING EQUIPM	SEWER INFO	ORMATION - Ce CONNECTIONS	dar Hill District 5, COLLECTING	- Lake Tamarao INTERCEPTO	<u>ck Lift Station</u> R, FORCE MAIN	S AND MANHO		Page S9	
P	umping Equipme	nt					U	nit	
	(a)					(b)	(c)	(d)	(e)
Location or Station - Lake Tamarack subdivision at rear of 7808 E Make or Type and Nameplate Data of Pump(s)	vergreen					Barnes	Barnes	Barnes	
Year Installed						2010	2010	2018	
Rate Capacity (gpm)						90 GPM	90 GPM	90GPM	
Size						1 HP	1 HP	1 HP	
How Driven?						Floats	Floats	Floats	
Give nameplate data of motor: Barnes Model 3SE 10941 both pumps									
What preventative maintenance is given pumping equipment?									
Monthly inspection and annual inspection oil change									
Are manufacturer's instructions adhered to? What, if any, repairs were accomplished on pumping equipment (during the year?	Yes	Х	No]			
None	anng no your.								
			ervice Connectio o not own-Remo						
Size (inches)	6"								
Size (inches) Type (CI, VCP, etc.)	PVC								
Total Active Service Connections (by size):	10								
No. at Beginning of Year No. Added During the Year	10 0								
No. Retired During the Year	10								
No. at End of Year	0	-	-	-	-	-	-	-	-
Give full particulars concerning inactive connections:									
NA									
		Collecting,	Interceptor and F	Force Mains					
		Collecting Mains	\$		Interceptor Main	5		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	8"	8"	8"				2"		
Type of Main (CI, VCP, etc.)	PVC		Arco Truss Pipe				PVC		
Length of Pipe (round to nearest foot)	2,001	1,962	931				250		ļ
Beginning of Year Added During the Year	2,001 0	1,962	931			1	250 0		
Retired During the Year	0		-		İ		0		
End of the Year	2,001	1,962	931				250		

σ
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e
8-9

Size Construction Material Number Beginning of the Year Added During the Year

End of the Year

Manholes

Report of MISSOURI AMERICAN WATER COMPANY

	IPMENT, SERVICE							Page S9	Page S-9 Atta
	Pumping Equipme	ent					Ui	nit	
	(a)	5110				(b)	(c)	(d)	(e)
	(11 00								
ocation or Station - North Industrial Drive, two blocks west o ake or Type and Nameplate Data of Pump(s)	of Hwy 30					Flyght	Flyght	Flyght	
ear Installed						2010	2010	2010)
ate Capacity (gpm)						410 GPM	410 GPM	410 GPN	1
ize low Driven?						4" 7.5 HP Floats	4" 7.5 HP Floats	4" 7.5 HF Floats	
Sive nameplate data of motor:									-
ght 3127									
Vhat preventative maintenance is given pumping equipment	?								
Ionthly inspection and annual inspection oil change									
re manufacturer's instructions adhered to?		Yes	х	No	<u>, </u>	1			
	ant during "	185	^	INC	′L	I			
/hat, if any, repairs were accomplished on pumping equipm one	ent during the year?								
			rvice Connectio						
		Do	not own-Remo	ve	1				1
ze (inches)	6"								
/pe (CI, VCP, etc.) otal Active Service Connections (by size):	PVC 0								
No. at Beginning of Year	429								
No. Added During the Year	0								
No. Retired During the Year	429								
No. at End of Year ive full particulars concerning inactive connections:	0	-	-	-	-	-	-	-	-
/A									
		Collecting, I	nterceptor and F	orce Mains					
		Collecting Mains			Interceptor Main	s		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
ze (inches)	8"	10"	12"				6"	2"	
/pe of Main (CI, VCP, etc.)	PVC	PVC	PVC				PVC	PVC	
ength of Pipe (round to nearest foot) aginning of Year	26,217 26,217	800 800	250 250				700 700	662 662	2
ded During the Year	20,217	000	250				700	002	-
etired During the Year	0	0	0		1	İ	0	(
nd of the Year	26,217	800	250		-	-	700	662	
Manholes									
Ze Anticipation Material	48"								
onstruction Material umber	Concrete 167								
eginning of the Year	167				1				
dded During the Year etired During the Year	0				1				
etired During the Year	0								
End of the Year	167				I	l			L

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31,

2022

	SEWER INFORMATION - (Cedar Hill District	- Cedar Springs L	ift Station				
POMPING EQUI	PMENT, SERVICE CONNECTION	NS, COLLECTING	, INTERCEPTOR, I		IS AND MANHO		Page S9	
	Pumping Equipment						nit	
	(a)				(b)	(c)	(d)	(e)
Location or Station - Next to lake at the end of Marko Drive					Flyght Grinder	Flyght Grinder	Flyght Grinder	
Make or Type and Nameplate Data of Pump(s)								
Year Installed					2010 125GPM		2008	
Rate Capacity (gpm)					123GFIN		11 hp	
Size					Floats	Floats		
					3127.170-	3127.170-		
How Driven?					1050085	0960039	0670027	
Give nameplate data of motor:								
Fight 3127 Grinder on all three pumps								
	2							
What preventative maintenance is given pumping equipment' Monthly inspection and annual inspection oil change	?							
montany inspection and dimute inspection of change								
Are manufacturer's instructions adhered to? What, if any, repairs were accomplished on pumping equipme	Ye ent during the year?	es X	No]			
None								
		Service Connectio						
Size (inches)	6"							
Type (CI, VCP, etc.)	PVC							
Total Active Service Connections (by size): No. at Beginning of Year	151 151				-			
No. Added During the Year	0				ł			
No. Retired During the Year	151							
No. at End of Year	0 -	-	-	-	-	-	-	-
Give full particulars concerning inactive connections:		•			•	•		
N/A								
	Collecting	g, Interceptor and I	Force Mains					

		Collecting,	Interceptor and F	Force Mains					
	Collecting Mains				Force Mains		Interceptor Mains		
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	8"			4"					
Type of Main (CI, VCP, etc.)	PVC			PVC					
Length of Pipe (round to nearest foot)	12,799			1,700					
Beginning of Year	12,799			1,700					
Added During the Year	0			0					
Retired During the Year	0			0					
End of the Year	12,799			1,700					
Manholes									
Size	48"								
Construction Material	Concrete								
Number	55								
Beginning of the Year	55								
Added During the Year	0								
Retired During the Year	0								
End of the Year	55								

PUMPING EQUIPM	SEWER INF	ORMATION - C	edar Hill Distric , COLLECTING	<u>t - O'Brien Plac</u> , INTERCEPTOR	<u>e lift station</u> R, FORCE MAIN	S AND MANHO		Page S9	
F	umping Equipme	nt					U	nit	
	(a)					(b)	(c)	(d)	(e)
Location or Station - Hwy 30 North of Local Hillsboro Road Make or Type and Nameplate Data of Pump(s)						ABS	ABS		
Year Installed						2020	2020		
Rate Capacity (gpm)						159 GPM	159 GPM		
Size How Driven?						3 Floats	Floats		
Give nameplate data of motor: ABS/1040									
What preventative maintenance is given pumping equipment?									
Monthly inspection and annual inspection oil change									
Are manufacturer's instructions adhered to?		Yes	X	No		Ì			
What, if any, repairs were accomplished on pumping equipment New lift station installed in new subdavision.	during the year?								
			ervice Connectic o not own-Remo						
Size (inches)	6"								
Size (inches) Type (CI, VCP, etc.)	PVC								
Total Active Service Connections (by size): No. at Beginning of Year	8 20								
No. Added During the Year	0								
No. Retired During the Year No. at End of Year	20 0	-	-	-	-	-	-	-	-
Give full particulars concerning inactive connections: New subdavision, Total lots when completed 114.				1					
ivew subdavision, i otal lots when completed 114.									
		Collecting,	Interceptor and I	Force Mains					
		Collecting Mains	3		Force Mains		1	nterceptor Main	s
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	8"			6"					
Type of Main (CI, VCP, etc.)	PVC			PVC SCH 26					
Length of Pipe (round to hearest foot) Beginning of Year	3,340 3,340	-		50 50					
Added During the Year	5			0					
Size (inches) Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year End of the Year	5 3,340			0 50	-	-		-	-
	0,0 10			50					
<u>Manholes</u> Size	48"								
Size Construction Material	Concrete								
Number	20								
Added During the Year	6								
Redincing of the Year Added During the Year Retired During the Year End of the Year	0 26								

PUMPING EQUIPMENT	. SERVICE CO	SEWER INFO	RMATION Cen COLLECTING	tennial Acres	OR. FORCE M	AINS AND MAN	HOLES				Page S9	
D												
Pur	nping Equipmer (a)	11				(b)	(c)	(d)	Unit (e)	(f)	(g)	(h)
Location or Station						WWTP						
Make or Type and Nameplate Data of Pump(s)						Baldor/ Roots						
Year Installed Rate Capacity (gpm)						2008 N/A Blower						
Size						3 HP	4 HP					
How Driven?						Electric	Electric					
Give nameplate data of motor:												
What preventative maintenance is given pumping equipment' Grease and belt tesion checks. Thermal imaging	?											
Are manufacturer's instructions adhered to?		Yes	X	No		1						
What, if any, repairs were accomplished on pumping equipme	ent during the y		<u> </u>			4						
	,											
	T	Se	rvice Connectio Do not own	ons	n.	1	1		r			
Size (inches)												
Type (CI, VCP, etc.) Total Active Service Connections (by size):												
No. at Beginning of Year												
No. Added During the Year No. Retired During the Year										-		
No. at End of Year												
Give full particulars concerning inactive connections:												
		O-llastin r. l		Frank Malar						1		
		Collecting, I	nterceptor and	Force Mains						-		
		Collecting Main	ns		Interceptor Ma	ins		Force Mains				
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)			
Size (inches)							2"	4"				
Type of Main (CI, VCP, etc.)							PVC	PVC		1		
Length of Pipe (round to nearest foot) Beginning of Year										1		
Added During the Year Retired During the Year							1,950	150]		
End of the Year										1		
Manholes												
Size												
Construction Material Number										1		
Beginning of the Year			1							1		
Added During the Year Retired During the Year		+	-							1		
End of the Year										1		
	1	1	11	1	1	1	1					

SEWER INFORMATION -Clinton Estates Wastewater PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE M.	AINS AND MANHO	LES		
			Page S9	
Pumping Equipment		ι	Jnit	
(a)	(b)	(c)	(d)	(e)
Location or Station	Cliton Estates, Trimble MO			
Make or Type and Nameplate Data of Pump(s)	Orenco, x(8)			
Year Installed	2020		-	
Rate Capacity (gpm) Size	50 1hp			
How Driven?	electric			
Give nameplate data of motor:				
Orenco, Model # PF501012-20, 50gpm, 1hp, single phase, 230V				
What preventative maintenance is given pumping equipment?				
pumping system is checked at minimum of twice a week				

Are manufacturer's instructions adhered to?

No

х

What, if any, repairs were accomplished on pumping equipment during the year? (8) new pumps, floats, control pannel, SCADA, some plumbing

Service Connections Do not own services										
Size (inches) Type (Cl, VCP, etc.)										
Total Active Service Connections (by size): No. at Beginning of Year										
No. Added During the Year No. Retired During the Year										
No. at End of Year Silve connections:										

Yes

Collecting, Interceptor and Force Mains											
		Gravity Mains			Interceptor Mains			Force Mains			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Size (inches)	8"										
Type of Main (CI, VCP, etc.)	PVC										
Length of Pipe (round to nearest foot)	0.052										
Beginning of Year Added During the Year	8,852										
Retired During the Year	-										
End of the Year	8,852										
<u>Manholes</u>											
Size	48										
Construction Material	Concrete										
Number Beginning of the Year	34										
Added During the Year	-										
Retired During the Year	-										
End of the Year	34										

PUMPING EQUIPM	<u>Se</u> Ent, service (WER INFORM	ATION -EI Chap 6, COLLECTING,	parel Wastewat	<u>:er</u> R, FORCE MAIN	S AND MANHO		Page S9	
Pumping Equipment							Ur		
(a)						(b)	(c)	(d)	(e)
Location or Station						n/a			
Make or Type and Nameplate Data of Pump(s)					l	n/a n/a			
Year Installed Rate Capacity (gpm)					l	n/a n/a		 	
Size					l	n/a		I	
How Driven?						n/a	I	I	
Give nameplate data of motor:						n/a			
What preventative maintenance is given pumping equipment?						n/a			
Are manufacturer's instructions adhered to?		Yes		No		n/a			
What, if any, repairs were accomplished on pumping equipment o	luring the year r					n/a			
			ervice Connection onot own servic						
Size (inches) Type (CI, VCP, etc.)	µ]	لــــــا	└─── ′						l
Total Active Service Connections (by size):		اا	[]						
No. at Beginning of Year No. Added During the Year									
No. Retired During the Year No. at End of Year	rł	اا	<u>⊦</u> ′		-	-	-	-	-
Give full particulars concerning inactive connections: There are 3 uninhabitable lots (lot w/ well house, wastewater plan	it and one private	elv owned lot wit	h small swimmir	na pool on it).					
		Collecting, I	Interceptor and I	Force Mains					
		Gravity Mains		Ir	nterceptor Main	s		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	8"		í '						
Type of Main (Cl, VCP, etc.)	Clay	 							
Length of Pipe (round to nearest foot) Beginning of Year	7,833	 							
Added During the Year	.,	 							
Retired During the Year End of the Year	7,833	 							
<u>Manholes</u> Size		 							
Construction Material Number	Concrete	۱	1						
Beginning of the Year	32	۱	1						
Added During the Year Retired During the Year	-	۱	1						
End of the Year	32	۱	1						

SEWER INFORMATION - Emerald Pointe Wastewater
PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

					Page S9	
Pumping Equipment			U	nit		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Location or Station - 6 lift stations						
Make or Type and Nameplate Data of Pump(s)						
Year Installed						
Rate Capacity (gpm)						
Size How Driven?						
						1
Give nameplate data of motor:						
What preventative maintenance is given pumping equipment? Weekly routine maintenance check on each liftstation						
weekly routine maintenance check on each instation						
Are manufacturer's instructions adhered to? Yes	No		ו			
	-		-			
What, if any, repairs were accomplished on pumping equipment during the year? n/a						

Service Connections										
Size (inches)	1-1/4"									
Type (CI, VCP, etc.)										
Total Active Service Connections (by size):										
No. at Beginning of Year	431									
No. Added During the Year	4									
No. Retired During the Year	0									
No. at End of Year	435								-	
Give full particulars concerning inactive connections:										

		Collecting, I	nterceptor and I	Force Mains						
		Collecting Mains		I	nterceptor Mair	15	Force Mains			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches) Type of Main (Cl, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year	4" PVC 6,100 6,100 3 3	8" PVC 7,000 7,000	15" PVC 700 700 -				6" PVC 7,050 7,050 - -	8" PVC 2,500 2,500 - -		
End of the Year <u>Manholes</u> Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year End of the Year	6,100 Concrete 20 20 - - 20	7,000	700				7,050	2,500		

SEWER INFORMATION - Eureka Wastewater
PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

					Page S9	
Pumping Equipment			U	nit		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Location or Station - 6 lift stations						
Make or Type and Nameplate Data of Pump(s)	-					-
Year Installed						
Rate Capacity (gpm)						
Size How Driven?						
Give nameplate data of motor:						
What preventative maintenance is given pumping equipment?						
Weekly routine maintenance check on each liftstation						
Are manufacturer's instructions adhered to? Yes	No		1			
Are manufacturer's instructions adhered to?	NO		1			
What, if any, repairs were accomplished on pumping equipment during the year?						
n/a						

Service Connections Do not own												
Size (inches)												
Type (CI, VCP, etc.)												
Total Active Service Connections (by size):												
No. at Beginning of Year												
No. Added During the Year												
No. Retired During the Year												
No. at End of Year									-			
Give full particulars concerning inactive connections:	•				•							
one fail paraoatare concerning indeare connectione.												

		Collecting, Ir	nterceptor and I	Force Mains					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	4"	8"	10"	12"	15"	18"	24"	30"	48"
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	Clay	Clay	Clay 0	Clay	Clay	Clay	Clay -	Clay -	Clay
Beginning of Year	_	_	-	-	-		_	-	
Added During the Year	1,136	85,893	2,906	2,405	1,017	1,184	269	3,972	141
Retired During the Year	-	-	-	-	-	-	-	-	-
End of the Year	1,136	85,893	2,906	2,405	1,017	1,184	269	3,972	141
Size (inches)	2"	4"	8"	10"	12"	15"	18"	24"	36"
Type of Main (CI, VCP, etc.)	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC	PVC
Length of Pipe (round to nearest foot)		-	-	-	-	_	-	-	_
Beginning of Year	-	-	-	-	-	-	-	-	-
Added During the Year	4,397	2,652	200,627	6,782	5,613	2,373	2,764	629	9,268
Retired During the Year	-	-	-	-	-	-	-	-	-
End of the Year	4,397	2,652	200,627	6,782	5,613	2,373	2,764	629	9,268
Size (inches)	48"								
Type of Main (CI, VCP, etc.)	PVC								
Length of Pipe (round to nearest foot)									
Beginning of Year	-								
Added During the Year	328								
Retired During the Year End of the Year	-								
End of the Year	328								
<u>Manholes</u> Size									
Size Construction Material									
Number	-								
Beginning of the Year	-								
Added During the Year	1,452								
Retired During the Year	-								
End of the Year	1,452								

For the calendar year of January 1 - December 31 2022

SEWER INFORMATION - Garden City Wastewater PUMPING EQUIPMENT. SERVICE CONNECTIONS. COLLECTING. INTERCEPTOR. FORCE MAINS AND MANHOLES

								Page S9				
		Pumping Equ	upment							U	nit	
		(a)							(b)	(c)	(d)	(e)
Location or Station									Lift staton #1 25hp Submersible Grinder	Lift Station #2 25hp Submersible Grinder		
Make or Type and Nameplate Data of Pump(s)									Pump	Pump		
Year Installed Rate Capacity (gpm)									1995	2014		
How Driven? Submersible												
Give nameplate data of motor:												
What preventative maintenance is given pumping equipment? Preventative maintenance instructed by the manufacture in												
Are manufacturer's instructions adhered to?		Yes				x] No]			
What, if any, repairs were accomplished on pumping equipme Renovated in spring/summer of 2014. Rebuilt pumps,new	nt during the yes soft starts, nev	ar? v lightning an	restor, new ph	hase monitor.								
- Size (inches)				Service Conr Do not c								
Type (CI, VCP, etc.) Total Active Service Connections (by size): No. at Beginning of Year No. Added During the Year No. Retired During the Year No. at End of Year	0						-			-		-
Give full particulars concerning inactive connections:			Collecti	ng, Interceptor	and Force Ma	ins	I					
			Gra	vity			I	nterceptor Mair	ns		Force Mains	
(a)	(b)	(c)				(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches) Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year End of the Year	8 VCP 53,700 - - 53,700	8 PVC 14,784 - 14,784	10 VCP 1,885 - 1,885	10 PVC 600 - - 600	12 PVC 2,951 - - 2,951					4 PVC 0 675 - 675	6 PVC 0 1,320 - 1,320	
Manholes (No Manholes) Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year End of the Year	1 0 1											

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SEWER INFORMATION - Hallsville Wastewater PUMPING EQUIPMENT. SERVICE CONNECTIONS. COLLECTING. INTERCEPTOR. FORCE MAINS AND MANHOLES

						Page S9				
	Pumping Ed	quipment						U	nit	
	(a)						(b)	(c)	(d)	(e)
Location or Station										
Make or Type and Nameplate Data of Pump(s)										
Year Installed										
Rate Capacity (gpm)										
How Driven? Submersible										
Give nameplate data of motor: Weg Motor										
weg wotor										
What preventative maintenance is given pumping equipment? manufacter recommendations										
Are manufacturer's instructions adhered to?	Yes	6		х	No]			
What, if any, repairs were accomplished on pumping equipment	nt during the year?									
none										
			Service Con Do not o							
Size (inches)			2011011							
Type (CI, VCP, etc.)										
Total Active Service Connections (by size): No. at Beginning of Year										
No. Added During the Year No. Retired During the Year										
No. at End of Year				-	-	-	-	-	-	-
Give full particulars concerning inactive connections:										

			Collecti	ng, Interceptor	and Force Ma	ins						
			Force	Mains				Gravity Mains	;	Collection Mains		
(a)	(b)	(c)				(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	12	8	6	3	6		8					
Type of Main (CI, VCP, etc.)	PVC	PVC	PVC	PVC	DI		PVC					
Length of Pipe (round to nearest foot)												
Beginning of Year Added During the Year	- 5,000	- 50	- 6,550	- 2,170	- 40		- 73,867					<u> </u>
Retired During the Year	-	-	-	-	-		-					
End of the Year	5,000	50	6,550	2,170	40		73,867					
<u>Manholes</u> Size												
Construction Material Number												<u> </u>
Beginning of the Year	-											
Added During the Year	262											
Retired During the Year End of the Year	-											L
End of the Year	262											<u> </u>

SEWER INFORMATION - Hickory Hills Wastewater PUMPING EQUIPMENT. SERVICE CONNECTIONS. COLLECTING. INTERCEPTOR. FORCE MAINS AND MANHOLES. Page 59

							Page 59				
	Р	umping Equ	ipment							nit	
		(a)						(b)	(c)	(d)	(e)
Location or Station Make or Type and Nameplate Data of Pump(s)											r I
make or Type and Nameplate Data of Pump(s)											
Year Installed											
Rate Capacity (gpm)											
How Driven? Submersible											
Give nameplate data of motor:											
Weg Motor											
What preventative maintenance is given pumping equipment? manufacter recommendations											
Are manufacturer's instructions adhered to?		Yes			x	No		1			
Are manufacturer's instructions adhered to?		Tes			X	NO		J			
What, if any, repairs were accomplished on pumping equipmen none	nt during the year?	2									
none											
				Service Con							
				Do not own-							
Size (inches)	4										
Type (CI, VCP, etc.)	unknown										
Total Active Service Connections (by size):	49										
No. at Beginning of Year No. Added During the Year	49										
No. Retired During the Year	49										
No. at End of Year	0				-	-	-	-	-	-	-
Give full particulars concerning inactive connections:											

			Collecti	ng, Interceptor	and Force Mai	ns							
			Collectin	g Mains			I	nterceptor Mair	IS	Force Mains			
(a)	(b)	(c)				(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches)	8	4	6	8	8	8							
Type of Main (CI, VCP, etc.)	VCP	VCP	PVC	CIPP	DI	PVC							
Length of Pipe (round to nearest foot)	2,167	383	1,022	858	60	287							
Beginning of Year	1,634	383	1,022	1,391	60	287							
Added During the Year	-			-	-								
Retired During the Year	-			-	-	-							
End of the Year	1,634	383	1,022	1,391	60	287							
Manholes Size													
Construction Material	Brick												
Number	17												
Beginning of the Year	19												
Added During the Year	-												
Retired During the Year	-												
End of the Year	19												

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For the calendar year of January 1 - December 31, 2022

PUMPING EQUIPM	<u>SE</u> ENT, SERVICE (EWER INFORM	ATION -Hillers (, COLLECTING	Creek Wastewat , INTERCEPTOR	<u>ter</u> R, FORCE MAIN	S AND MANHO		Page S9	
Pumping Equipment							U	nit	
(a)						(b)	(c)	(d)	(e)
Location or Station Make or Type and Nameplate Data of Pump(s)									
Year Installed Rate Capacity (gpm)									
Size How Driven?									
Give nameplate data of motor:									
None									
What preventative maintenance is given pumping equipment? none									
		Vaa		Ne		1			
Are manufacturer's instructions adhered to?		Yes	x	No		1			
What, if any, repairs were accomplished on pumping equipment none	during the year?								
			ervice Connectio						
Size (inches)	4								
Type (CI, VCP, etc.) Total Active Service Connections (by size):	plastic								
No. at Beginning of Year No. Added During the Year	43								
No. Retired During the Year	43								
No. at End of Year Give full particulars concerning inactive connections:	-				-	-	-	-	-
There are 3 uninhabitable lots (lot w/ well house, wastewater plan	and one private	ly owned lot wit	h small swimmin	g pool on it).					
		Collecting, I	Interceptor and	Force Mains					
		Gravity Mains		I	nterceptor Main	IS		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches) Type of Main (Cl, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year Sed of the Year	8" PVC 9,434 9,434 - - 0,434								

9,434

concrete 23 23

-23 Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31 2022

End of the Year

End of the Year

Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year

Manholes

	PUMPING EC	UIPMENT, S	ERVICE CON	MATION ME	RAMAC DISTR	RICT-Homeste	ad Estates R, FORCE MA	INS AND MAI	NHOLES		Page S9		
Pum	ping Equipmen (a)	t				(b)	(c)	(d)	(e)	(f)	(d)	€	(f)
Location or Station Homestead Estates Lift Station and Plant Make or Type and Nameplate Data of Pump(s)						Sulzer	Sulzer	P00511	P00511	P00511	P00511	P00511	P00511
Year Installed						12/31/2020	12/31/2020	3/13/2011	3/13/2020	3/13/2011	3/13/2011	3/13/2011	3/13/2011
Rate Capacity (gpm) Size						6.7 HP	6.7 HP	35 3/4 hp	35 3/4 hp		35 3/4 hp	35 3/4 hp	35 3/4 hp
How Driven?						Float	Float	RSV	RSV	RSV	RSV	RSV	RSV
Give nameplate data of motor:													
What preventative maintenance is given pumping equipment?	•		Filter Cleanin	g									
Are manufacturer's instructions adhered to?		Yes	s x	No]							
What, if any, repairs were accomplished on pumping equipme	ent during the ye	ear?											
None													
				Sen	ice Connection	e							
	1	[1	1	Do not own								
Size (inches) Type (CI, VCP, etc.)												1	
Total Active Service Connections (by size):													
No. at Beginning of Year No. Added During the Year													
No. Retired During the Year No. at End of Year													
Give full particulars concerning inactive connections:													
				Collecting, Inte	erceptor and F	orce Mains							
	c	Collecting Mair	ns			Intercep	tor Mains				Force	Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)
Size (inches)	8"									8"			
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	PVC 6,435									PVC 2,675			
Beginning of Year Added During the Year	6,435									2,675			
Retired During the Year	-									-			
End of the Year	6,435									2,675			
Manholes													
Size													
Construction Material Number	Concrete												
Beginning of the Year Added During the Year	50 -			-		-							
Retired During the Year	-												
End of the Year	50		+	+	+	+				-			

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31, $2022\,$

SEWER INFORMATION JAXSON ESTATES	
UMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES	

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Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31, 2022

						Page S9	
Pumping Equipment							
(a)	(b)	(c)	(d)	(e)	(f)	(d)	(e)
Location or Station	WWTP Influent Lift Station						
Make or Type and Nameplate Data of Pump(s)	ABS	ABS					
Year Installed	2007	2007					
rear installed Rate Capacity (gpm)	2007	500					
Size	4	4					
How Driven?	Direct Drive	Direct Drive					
Give nameplate data of motor:							
What preventative maintenance is given pumping equipment?							
None in 2016, system was acquired on 12/15/16. Service work is planned for 2017.							
Are manufacturer's instructions adhered to? Yes X No							
What, if any, repairs were accomplished on pumping equipment during the year?							
None							

	Service Connections Do not own services-Remove												
Size (inches) Type (Cl, VCP, etc.) Total Active Service Connections (by size):	4"												
Type (CI, VCP, etc.)	PVC												
Total Active Service Connections (by size):													1
No. at Beginning of Year	140												
No. Added During the Year	-												1
No. Retired During the Year	140												
No. at End of Year	-												1
Give full particulars concerning inactive connections:													

	Collecting, Interceptor and Force Mains												
	c	Collecting Mains	;	Interceptor Mains						Force Mains			
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	()	(k)	(I)	(m)	(n)
Size (inches) Type of Main (Cl, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year End of the Year Size (inches) Type of Main (Cl, VCP, etc.) Length of Pipe (round to nearest foot) Beginning of Year Added During the Year Retired During the Year Retired During the Year	8" PVC 6,256 1,524 - 7,780												
<u>Manholes</u> Size Construction Material	Concrete												
Number Beginning of the Year Added During the Year End of the Year	55 13 - 68												

PUMPING EQUIPM	<u>Se</u> Ient, service	WER INFORMA	ATION - Jefferso 6, COLLECTING,	n City Wastewa INTERCEPTO	<u>ater</u> R, FORCE MAIN	S AND MANHO	LES	Page S9	
F	umping Equipme	ent					U	Init	
	(a)					(b)	(c)	(d)	(e)
Location or Station Make or Type and Nameplate Data of Pump(s) ABS						See Attached			
Year Installed Rate Capacity (gpm)						See Attached See Attached			
How Driven? Submersible									
Give nameplate data of motor:									
See Attached									
What preventative maintenance is given pumping equipment?									
See Attached									
Are manufacturer's instructions adhered to?		Yes	Х	No	[]			
What, if any, repairs were accomplished on pumping equipment	during the year?								
See Attached									
			ervice Connectio						
	I	5	Do not own	IS	r	r		T	
Size (inches) DO NOT OWN SERVICES									
Type (CI, VCP, etc.) Total Active Service Connections (by size):									
No. at Beginning of Year No. Added During the Year									
No. Retired During the Year									
No. at End of Year Give full particulars concerning inactive connections:									
		Collecting,	Interceptor and F	orce Mains					
		Collecting Mains	5		Interceptor Main	S		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches) Type of Main (CI, VCP, etc.)		See Attached							
Length of Pipe (round to nearest foot)									
Beginning of Year Added During the Year									
Added During the Year Retired During the Year End of the Year									
								-	-
<u>Manholes</u> Size	48"	24"	48"						
Size Construction Material Number	Concrete	Concrete							
Beginning of the Year	578	1	51						
Added During the Year Retired During the Year	- 3	-	-						
End of the Year	581	1	51						

2022

Report of: Jefferson City Wastev	vater - Pg S-9 Attachment 1 (Li	tstations)		•	-		For the calendar year of January 1, 2022	- December 31, 2022	
Location of Liftstation	Make or Type and nameplate	Year Installed	Rate Capacity	Size	How Driven	Give Nameplate	What preventative maintenance is given	Are manufacturer's instructions	What, if any, repairs on pumping
	data of pump		GPM			data of	pumping equipment	adhered to?	on pumping
						motor			equipment?
Carol Street	ABS Piranha S26/2	unknown	unknown	2 hp	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Cedar Valley	ABS Piranha S18-2W	2001	42	2.4 HP, 3450/230 V	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Dallmeyer Plant	ABS Piranha S10-4W	1998	24	3.5 HP, 3450/230 V	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Evergreen	ABS Piranha S20/2W	2011	unknown	2.1 HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Grande Highlands	Piranha "M" Series	unknown	unknown	4.7 HP	Submersible	unknown	Cleaning & removal of all debris,	YES	New Pump
Halifax Plant	ABS Model SE10W	1999	115	1 hp	Submersible	unknown	Cleaning & removal of all debris.	YES	None
Kleffner Plant	ABS	2004	61	6.2 hp	Submersible	unknown	Cleaning & removal of all debris	YES	None
Lakewood	ABS Piranha, S26/2W	2011	unknown	3.5 HP, 26-2W,	Submersible	unknown	Cleaning & removal of all debris,	YES	New Pump
Mehmert	ABS	unknown	29.7	2.4 HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Quail Valley #1	ABS Piranha	2003	unknown	3.5 HP,S26/2W	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Quail Valley #2	ABS Piranha	2003	unknown	3.5 HP,S26/2W	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Quail Valley #3	ABS Piranha	2003	unknown	3.5 HP,S26/2W	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Quail Valley #4	ABS Piranha	2003	unknown	.5HP, EF05W	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Redfield #1	ABS	2001	38.6	3.5 HP, S26/2W	Submersible	unknown	Cleaning & removal of all debris	YES	None
Robert Street	ABS	unknown	unkown	2.2 HP	Submersible	unknown	Cleaning & removal of all debris,	YES	New Pump
Rustic Oaks	Goulds	2008	unknown	1.5 HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Sleepy Hollow	ABS Piranha, S20/2W	2009	unknown	2.4 HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Southwood Hills #1	ABS	unknown	unknown	3.5 hpS26/2	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Southwood Hills #2	Hydromatic	2008	unknown	1.5 HP, SKHD150M2	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Walther Road	ABS	2013	unknown	3.35HP	Submersible	PE25/2W	Cleaning & removal of all debris,	YES	None

Report of: Jefferson City Wastewater - Pg S-9 Attachment

			Misso	ouri American Wate	er Company														
			For the Cale	ndar Year ending 🛛	December 31, 2022														
				Sewer Mains															
			Collect	ing Mains				Force Mains						Force Mains					
Size	24"	8"	8"	6"	4"	3"	1 1/4"	2"	3"										
Туре	PVC	PVC	CIPP	PVC	PVC/CIP	PVC/CIP	PVC	PVC	PVC										
Beginning of Year	37	15,637	3,421	4,525	13,304	300	375	14,473	3,122										
Added During the Year	-	1,170	2,301	-	358	-	-	-	-										
Retired During the Year	-	183		-	84	-	-	-	-										
End of Year	37	16,624	5,722	4,525	13,578	300	375	14,473	3,122										
Size	6"	8"		8"	6"														
Туре	SDR/PVC	PVC/VCP		Ductile Iron	CIP/VCP														
Beginning of Year	1,598	75,841		146	12,934														
Added During the Year	-	-		-	-														
Retired During the Year	-	20		-	-														
End of Year	1,598	75,821		146	12,934														

	PUMPI	ING EQUIPME	NT, SERVICE	SEWEI	R INFORMATIO	ON LAWSON NG, INTERCEP	TOR, FORCE M	AINS AND MAN	HOLES		Page S9		
Р	umping Equipment (a)					(b)	(c)	(d)	(e)	(f)	(d)		(e)
Location or Station Make or Type and Nameplate Data of Pump(s)						Lagoon Sithe	Schwarz Sulzer	Raum st Submersible	n West terr Fligt	Powderhorn Hydromatic	Musket Sulzer	s 69 Hi-way Sulzer	n 69 Hi-way
Year Installed						Sithe 2020	Sulzer 2019	Submersible Sulzer 2017	Fligt 2021	Sulzer ? / 2019	Sulzer 2019	Sulzer 2019	not in service
Rate Capacity (gpm) Size						575 ea 20 hp x 2	400 x 2 40.2 hp x 2	100 x 2 7.5 hp x 2	50 2.5	50 3.4 & 5 hp	50 6 hp	50 2 hp	
How Driven?						elect	elect	elect	elect	elect	elect	elect	
Give nameplate data of motor: unable to obtain - pumps and motors are in wet wells and are s	ubmerged in waste	water											
What preventative maintenance is given pumping equipment? pump operation is checked every working day and monitered 2	4-7 by SCADA and	d alarm system	, opperations su	upervisor now h	as SCADA con	trol from any ren	ote locaton						
Are manufacturer's instructions adhered to?		Vee	some	No		 							
What, if any, repairs were accomplished on pumping equipmer	nt during the year?		osette		·								
Replaced 2 pumps and check valves at the N West Terr. lift st	ation,												
					Service Conne	ctions							
					Do not ow	n							
Size (inches) Type (Cl, VCP, etc.)													
Total Active Service Connections (by size): No. at Beginning of Year													
No. Added During the Year No. Retired During the Year No. at End of Year													
Give full particulars concerning inactive connections: customer owned service connections													
				Collectin	g, Interceptor ar	nd Force Mains							
		Collectin	a Moine						Force Mains				
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(1)	(m)	(n)
Size (inches)	10	12	6	Unknown	10	12	6	8	10	8	Unknown		
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	Clay	Clay	Clay	Unknown	Clay	Clay	Clay	Clay	PVC	PVC	Unknown		
Beginning of Year Added During the Year	2,023	1,619	38	3,215	17	25	1	676 -	18 -	53 -	47		
Retired During the Year End of the Year	2,023	1,619	38	3,215	- 17	25	1	676	18	53	47		
Size (inches) Type of Main (CI, VCP, etc.)	8 Clay	10 PVC	8 PVC										
Length of Pipe (round to nearest foot) Beginning of Year	46.642	216	13,472										
Added During the Year Retired During the Year	3,795 3,795												
End of the Year	46,642	216	13,472										
Manholes- Size													
Construction Material Number Beginning of the Year	1												
Beginning of the Year Added During the Year Retired During the Year	5												
End of the Year	- 6												
	-												

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January

- Decision of

2022

	EQUIPMENT, SERVI					MAINS AND MAN		Page S9	
	Pumping Equipmer	nt				(1-)	Ur		(-)
	(a)					(b)	(c)	(d)	(e)
ocation or Station						Lift Station #1	Lift Station #2		
						Smith and	Smith and		
ake or Type and Nameplate Data of Pump(s)						Loveless	Loveless		
ear Installed						1975	1977		
ate Capacity (gpm)						100 gpm 5 HP	210 gpm 7 1/2 HP		
ize						1,170/230 V	1760/208 V		
ow Driven?						Electric	Electric		
ve nameplate data of motor:									
/hat preventative maintenance is given pumping equipm									
leaning and removal of all debris, also lubricate bearing	s and replace seals as	needed.							
						-			
re manufacturer's instructions adhered to?		Yes	x	N	0	1			
hat, if any, repairs were accomplished on pumping equi		?							
eplace vacuum pump. Repaired vaccum primary system	n as needed.								
			Service Conn	ections					
			Service Conin	ections	-				
ze (inches)	4"	6"							
pe (CI, VCP, etc.)	PVC	PVC							
tal Active Service Connections (by size): No. at Beginning of Year	374 374	3							
No. Added During the Year	-	-							
No. Retired During the Year No. at End of Year	- 374	- 3							
ve full particulars concerning inactive connections:	374	3			1				
e have 25 inactive connections.									
		Collectin	ng, Interceptor a	and Force Ma	ins				
	C	Collecting Mains			Interceptor Mai	ins		Force Mains	
		(1)	(.1)			()		(1)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
re (inches)	8"	10"	12"				4"	6"	
ze (inches) pe of Main (CI, VCP, etc.)	Clay Tile	Clay Tile	12" Clay Tile		1		PVC	PVC	
ngth of Pipe (round to nearest foot)	25,400	2,000	300				1,325	1,475	
ginning of Year	25,400	2,000	300				1,325	1,475	
ded During the Year tired During the Year	-	-	-				-	-	
d of the Year	- 25,400	2,000	- 300				- 1,325	- 1,475	
		1.25					,		
ze <u>Manholes</u>	48"								
Instruction Material	Concrete							_	
umber	87								
ginning of the Year Ided During the Year	87				1				
etired During the Year	-								
nd of the Year	87				-				

SEWER INFORMATION Maplewood Operations

PUMPING EQUIPM	ENT, SERVICE	SEWER INFO	ORMATION - Me	ramec Sewer , INTERCEPTO	R, FORCE MAIN	S AND MANHO	LES	Page S9	
Ψ	umping Equipme (a)	nt				(b)	(c)	nit (d)	(e)
Location or Station - N/A Make or Type and Nameplate Data of Pump(s)									
Year Installed N/A Rate Capacity (gpm)									
Size How Driven?									
Give nameplate data of motor:						I			l
What preventative maintenance is given pumping equipment? N	/A								
Are manufacturer's instructions adhered to? N/A		Yes		No]			
What, if any, repairs were accomplished on pumping equipment	during the year?								
		Se	ervice Connectio Do not own	ns					
Size (inches)									
Type (CI, VCP, etc.)									
Total Active Service Connections (by size): No. at Beginning of Year									
No. Added During the Year No. Retired During the Year									
No. at End of Year									
Give full particulars concerning inactive connections:									
		Collecting, I	nterceptor and	Force Mains					
		Collecting Mains	5	I	nterceptor Main	s		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches) Type of Main (Cl, VCP, etc.) Length of Pipe (round to nearest foot)	8" PVC	8" Clay	6" PVC						
Beginning of Year Added During the Year Retired During the Year	25,672	2,510 550 550	152 -						
End of the Year	25,672	2,510	152						

Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year End of the Year

End of the Year

Manholes

48" Concrete 149

--149

SEWER INFORMATION - Monsees Lake Estates Wastewater	
MPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES	

PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLEC	TING, INTERCEPTO	R, FORCE MAIN	IS AND MANHO		Page S9	
Pumping Equipment			U	nit		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
ocation or Station - 6 lift stations fake or Type and Nameplate Data of Pump(s)						
/ear Installed Xate Capacity (gpm)						
Size How Driven?						
Give nameplate data of motor:						
What preventative maintenance is given pumping equipment? Weekly routine maintenance check on each liftstation						
Are manufacturer's instructions adhered to? Yes	No	. [<u> </u>			
What, if any, repairs were accomplished on pumping equipment during the year?			J			
via de la constancia de la						

Service Connections Do not own										
ize (inches)										
ype (CI, VCP, etc.)										
Total Active Service Connections (by size):										
No. at Beginning of Year										
No. Added During the Year										
No. Retired During the Year										
No. at End of Year										
Sive full particulars concerning inactive connections:										

Collecting, Interceptor and Force Mains											
		Gravity Mains			Gravity Mains Interceptor Mains Force Mains		Force Mains (h) (i)				
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)		
Size (inches)	6"										
Type of Main (CI, VCP, etc.)	VCP										
Length of Pipe (round to nearest foot)											
Beginning of Year	5,676										
Added During the Year Retired During the Year	5,676										
End of the Year	5,676										
Manholes											
Size											
Construction Material Number	Concrete										
Beginning of the Year	-										
Added During the Year	18										
Retired During the Year	-										
End of the Year	18										

SEWER INFORMATION - Orrick Wastewater PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

	.,	,			Page S9	
Pumping Equipment			U	nit		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Location or Station - 6 lift stations						
Make or Type and Nameplate Data of Pump(s)						
Year Installed						
Rate Capacity (gpm)						
Size How Driven?						
						1
Give nameplate data of motor:						
What preventative maintenance is given pumping equipment?						
Weekly routine maintenance check on each liftstation						
Are manufacturer's instructions adhered to? Yes	No	þ	1			
			_			
What, if any, repairs were accomplished on pumping equipment during the year? n/a						

Service Connections Do not own										
Size (inches)										
Type (CI, VCP, etc.)										
Total Active Service Connections (by size):										
No. at Beginning of Year										
No. Added During the Year										
No. Retired During the Year										
No. at End of Year										
Give full particulars concerning inactive connections:										

Collecting, Interceptor and Force Mains										
		Gravity								
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches)	8"	8"					6"			
Type of Main (CI, VCP, etc.)	Clay	PVC					CI			
Length of Pipe (round to nearest foot)							-			
Beginning of Year	-						-			
Added During the Year	34,200	454					7,335			
Retired During the Year	454	-					-			
End of the Year	33,746	454					7,335			
Manholes										
Size										
Construction Material										
Number	-									
Beginning of the Year	- 94									
Added During the Year										
Retired During the Year End of the Year	- 94									
	94									

PUMPING EQUIPM	<u>SEWE</u> ENT, SERVICE (R INFORMATIC	ON OZARK MEA	DOWS OPERA	<u>TIONS</u> R, FORCE MAIN	S AND MANHO	LES	Page S9	
P	umping Equipme	ent					U	nit	
	(a)					(b)	(c)	(d)	(e)
Location or Station						N/A			
Make or Type and Nameplate Data of Pump(s)									
Year Installed						N/A N/A			
Rate Capacity (gpm) Size						N/A N/A			
How Driven?						N/A			
Give nameplate data of motor: N/A									
What preventative maintenance is given pumping equipment?									
This is gravity feed collection system.									
Are manufacturer's instructions adhered to?		Yes		No		l			
What, if any, repairs were accomplished on pumping equipment	during the year?								
N/A									
		S	ervice Connectio	ins					
			not own-Remo					1	
Size (inches)	4" PVC								
Type (CI, VCP, etc.) Total Active Service Connections (by size):	-								
No. at Beginning of Year No. Added During the Year	- 25								
No. Retired During the Year No. at End of Year	25								
NA									
NA									
		Collecting	Interceptor and I	-					
	1	Collecting,	Interceptor and I						
		Collecting Mains	;		Interceptor Main	8		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)	8"								
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	PVC 3,500								
Beginning of Year	3,500								
Beginning of Year Added During the Year Retired During the Year	-								
End of the Year	3,500								
<u>Manholes</u> Size	48"								
Size Construction Material	Concrete								
Number Beginning of the Year	19 19								
Added During the Year Retired During the Year	-								
Retired During the Year End of the Year	- 19								

For the calendar year of January 1 - December 31 2021

PUMPING EQUIPM	IENT, SERVICE (SEWER IN	FORMATION PA	ARKVILLE INTERCEPTOR	R, FORCE MAIN	S AND MANHO		Page S9	
		at						nit	
F	Pumping Equipmen (a)	n				(b)	(c)	(d)	(e)
Location or Station									
Make or Type and Nameplate Data of Pump(s)						N/A			
Year Installed						N/A			
Rate Capacity (gpm) Size									
How Driven?									
Give nameplate data of motor:	N/A								
What preventative maintenance is given pumping equipment?									
Are manufacturer's instructions adhered to?	N/A	Yes		No]			
What, if any, repairs were accomplished on pumping equipment	(N/A								
	-	Se	ervice Connection	IS					
Size (inches)	4"								
Type (CI, VCP, etc.) Total Active Service Connections (by size):	VCP 101								
No. at Beginning of Year	101								
No. Added During the Year No. Retired During the Year	-								
No. at End of Year	101	-	-	-	-	-	-	-	-
Give full particulars concerning inactive connections:									
		Collecting, I	Interceptor and F	orce Mains					
		Collecting Mains		1	Interceptor Main	s		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)
Size (inches)	8"	8"	8"	10"					
Type of Main (CI, VCP, etc.)	VCP	CIP	PVC	PVC					
Length of Pipe (round to nearest foot) Beginning of Year	4,840 4,840	291 291	209 209	289 289					
Added During the Year	-	-	-	-					
Retired During the Year End of the Year	- 4,840	- 291	- 209	- 289	-	-	-	-	-

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31 2022

Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year End of the Year Manholes

48" Concrete 28 28

> -28

SEWER INFORMATION MERAMAC DISTRICT-Pevely Farms
IMPING FOLIDMENT SERVICE CONNECTIONS COLLECTING INTERCEPTOR FORCE MAINS AND MANHOLES

Report of MISSOURI AMERICAN WATER COMPANY

calendar year of January 1 - December 31, 2022

		PUM	IPING EQUIPN	MENT, SERVIC	E CONNECTI	IONS, COLLECTIN	G, INTERCEPTOR	, FORCE MAINS AI	ND MANHOLES			Page S9	
	Pumping Equ	linment										· ·	
	(a)	upment				(b)	(c)	(d)	(e)	(f)	(d)		(e)
Location or Station: Pevely Farms Lift Station and V	Nanta Water Pk	ant											
Make or Type and Nameplate Data of Pump(s)	vaste vvater Fie					LE70 Liberty	LE70 Liberty	Marathon Blower Motor	Marathon Blower Motor	Sutorbuilt Blower	Sutorbuilt Blower		<u> </u>
Year Installed Rate Capacity (gpm)						2016 unknown	2016 unknown	unknown 1770 RPM	unknown 1770 RPM	2018	unknown		
Size						6.7 HP	6.7 HP	25 HP	25 HP	6M	6M		
How Driven?						Floats	Floats	Hard Stop	Hard Stop	Belt	Belt		
Give nameplate data of motor:								460v/3ph 4	60v / 3 ph				
What preventative maintenance is given pumping e	quinment?												
ma poronaaro namonano a gren panya greppinen. Sutobult													
Are manufacturer's instructions adhered to? Yes x No													
Are manufacturer's instructions adhered to?		Yes	x	L No	I	1							
What, if any, repairs were accomplished on pumping equipment during the year? None													
None													
						Service Connect	ons						
	1		1			Do not own						[
Size (inches) Type (CI, VCP, etc.)													T
Total Active Service Connections (by size):													
No. at Beginning of Year No. Added During the Year													
No. Retired During the Year													
No. at End of Year Give full particulars concerning inactive connections													
				1	Collect	ting, Interceptor and	Force Mains						
		Collecting Main	is			Inter	ceptor Mains				Force	Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(i)	(k)	(I)	(m)	(n)
Size (inches)	2 & 3									2 & 3 PVC			L
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	PVC 2,462									14,228			
Beginning of Year	2,462									14,228			
Added During the Year Retired During the Year			1										
End of the Year	2,462									14,228			
Manholes													
Size Construction Material													<u> </u>
Number													
Beginning of the Year Added During the Year	6												
Added During the Year Retired During the Year	-												
End of the Year	6												
			1										

SEWER INFORMATION - Purceil Wastewater PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

	,	,			Page S9	
Pumping Equipment			U	nit		
(a)	(b)	(c)	(d)	(e)	(f)	(g)
Location or Station - 6 lift stations						
Make or Type and Nameplate Data of Pump(s)						
Year Installed						
Rate Capacity (gpm)						
Size	-					
How Driven?						
Give nameplate data of motor:						
What preventative maintenance is given pumping equipment?						
Weekly routine maintenance check on each liftstation						
Are manufacturer's instructions adhered to? Yes	No]			
What, if any, repairs were accomplished on pumping equipment during the year?						
n/a						

	S	ervice Connectic Do not own	ns			
Size (inches)						
Type (CI, VCP, etc.) Total Active Service Connections (by size):						
Total Active Service Connections (by size):						
No. at Beginning of Year						
No. Added During the Year						
No. Retired During the Year						
No. at End of Year						-
Give full particulars concerning inactive connections:						

	Collecting, Interceptor and Force Mains											
		Gravity					Force Mains					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)			
Size (inches)	8"						4"	2"	1.25"			
Type of Main (CI, VCP, etc.)	PVC						PVC		PVC			
Length of Pipe (round to nearest foot) Beginning of Year								-				
Added During the Year	26,806						- 1,276	- 540	1,910			
Retired During the Year	-						-	-	-			
End of the Year	26,806						1,276	540	1,910			
Manholes												
Size												
Construction Material	Concrete											
Number Beginning of the Year	-											
Added During the Year	110											
Retired During the Year												
End of the Year	110											

			PUM	PING EQUIPM	ENT, SERVICI	E CONNECTIONS, COL	LECTING, INTERC	EPTOR, FORCE MAI	NS AND MANHOLES		Page S9		
			_										
	Pumping Equ (a)	лртеп				(b)	(c)	(d)	(e)	(f)	(d)		(e)
ocation or Station: Radcliffe Estates Lift Station lake or Type and Nameplate Data of Pump(s)	and Waste Wat	er Plant				Lift Sta Howa	tion Howa		Treatmer	nt Plant Sutorbuilt	Sutorbuilt		
						submersible Pump	submersible Pump	Blower Motor	Blower Motor	Blower	Blower		
ear Installed						2018 3450 RPM	2018 3450 RPM	2018 1770 RPM	unknown	2350 Max rpm	2350 Max rpm		
ate Capacity (gpm) ize						3450 RPM 8.9	3450 RPM 8.9	25 HP	1770 RPM 25 HP	6M	6M		
ow Driven?						Floats (VFD)	Floats (VFD)	Hard Stop	Hard Stop	Belt	Belt		
ive nameplate data of motor:						230v 3 ph	230v 3 ph	460v / 3 ph	460v / 3 ph				
hat preventative maintenance is given pumping	a equipment?								oil changes, new air	filters and grease			
torbuilt: oil change, new air filter and grease wa: Oil Changes													
re manufacturer's instructions adhered to?		Yes	x	No									
/hat, if any, repairs were accomplished on pump one	ping equipment	during the year	?										
une													
						Service	Connections						
ze (inches)	1.5												
pe (CI, VCP, etc.)	PVC												
tal Active Service Connections (by size):													
No. at Beginning of Year No. Added During the Year	129												
No. Retired During the Year	1												
No. at End of Year ve full particulars concerning inactive connection	129												
		_			_	Collecting Interc	eptor and Force Mai	ns					_
	Interceptor Mains				Forced Mains			Collection Mains					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	()	(k)	(1)	(m)	(n)
ze (inches) pe of Main (CI, VCP, etc.)				2 & 3 PVC	4 PVC	5 PVC	8 PVC		2 & 3 PVC	4 PVC	5 PVC	8 PVC	
Length of Pipe (round to nearest foot)				PVC	FVC	-	PVC		-	PVC	0		
ginning of Year				688	149	23	55		79	20	3		
ded During the Year				-	-		-		-	-	-	-	
tired During the Year d of the Year				- 688	- 149	- 23	- 55		- 79	- 20	- 3	- 7	
ie er une i edit				000	149	23	35		79	20	3	,	
<u>Manholes</u> ze													
onstruction Material													
umber					_								
eginning of the Year dded During the Year	24												
etired During the Year	-												
nd of the Year	24												
						-	-						-

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1- December 31, 2022

	<u>S</u> <u>PUMPING EQUIPMENT, SERVICE CONI</u>	EWER INFORMATION ROG	UE CREEK							
	PUMPING EQUIPMENT, SERVICE CON	Page S9								
Pur	nping Equipment									
1 011	(a)		(b)	(c)	(d)	(e)	(f)	(d)		(e)
Location or Station				0						
Make or Type and Nameplate Data of Pump(s)			Dresser	Sutorbilt3L						
Year Installed Rate Capacity (gpm)			1972	2019						
Size				7.5hp						
How Driven?			electric	electric						
Give nameplate data of motor:										
Dresser 7.5 hp, 3530 rpm electric motor,										
What preventative maintenance is given pumping equipment	?									
floats are tested, pumped cleaned, elctric leads tested										
Are manufacturer's instructions adhered to?	Yes x	No								
What, if any, repairs were accomplished on pumping equipm	ent during the year?									
None										
		Service Connections	5							
	T T T	Do not own						T	r	
Size (inches)	4"									
Type (CI, VCP, etc.) Total Active Service Connections (by size):	PVC									
No. at Beginning of Year	129									
No. Added During the Year	-									
No. Retired During the Year	129									
No. at End of Year Give full particulars concerning inactive connections:	-									
Give fuil particulars concerning mactive connections.										
L										
		0.1								
		Collecting, Interceptor and Fo	rce Mains							
	Gravity Mains							Force	Mains	

(a)

Manholes

Size (inches) Type of Main (Cl, VCP, etc.) Beginning of Year Added During the Year Retired During the Year End of the Year

Size Construction Material Number Beginning of the Year Added During the Year Retired During the Year End of the Year (b)

8" PVC 19,003 5,432 5,000 19,435

42" Concrete -18 34 7 45 (d)

8" DI 20 35

55

(c)

4" PVC 75 15 686 (596) (e)

12" DI

9

9

(f)

3" DI

- 24

24

(g)

6"

Clay 600

600

(h)

(i)

(j)

(k)

3" PVC

-1,738

1,738

(I)

2" PVC

1,667 (1,667)

2022

(n)

(m)

Report of MISSOURI AMERICAN WATER COMPANY

PUMPING EQUI	PMENT, SERVICE	CONNECTIONS	S, COLLECTING	5, INTERCEPTO	R, FORCE MAIN	IS AND MANHO	DLES	Page S9		
	Unit									
	(a)					(b)	(c)	(d)	(e)	
Location or Station						N/A				
Make or Type and Nameplate Data of Pump(s)						N/A				
Year Installed Rate Capacity (gpm)						N/A N/A				
Size						N/A	L			
How Driven?						N/A	L		1	
Give nameplate data of motor:										
N/A										
What preventative maintenance is given pumping equipment? This is gravity feed collection system.	•									
Are manufacturer's instructions adhered to?		Yes		No		ו				
	nt during the cost of					-				
What, if any, repairs were accomplished on pumping equipme N/A	ent during the year?									
		S	ervice Connection	ons						
Size (inches)										
ype (CI, VCP, etc.)										
Fotal Active Service Connections (by size): No. at Beginning of Year			1			1	1	-		
No. Added During the Year	154									
No. Retired During the Year No. at End of Year	- 154									
Give full particulars concerning inactive connections:										
urther investigation-in 2017 services were removed due to inv	restigation of not ow	ning them. In 20	J22 new investig	ation revealed in	IOAINI owned the	service.				
		Collecting.	Interceptor and	Force Mains						
				1						
		Force Main		Interceptor Mains			Collecting Mains			
	(b)	(a)	(4)	(a)	(5)	(7)	(h)	(i)	(1)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	
Size (inches)	2"									
Type of Main (CI, VCP, etc.)	PVC									
ength of Pipe (round to nearest foot) Beginning of Year	- 700									
dded During the Year	-		1			1	1			
Retired During the Year	-									
nd of the Year	700								+	
<u>Manholes</u>										
Size Construction Material								+	+	
Number										
Beginning of the Year Added During the Year									+	
Retired During the Year								<u>1</u>	<u>t </u>	
End of the Year										

SEWER INFORMATION SADDLEBROOKE OPERATIONS - Tri County District

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31 2022
PUMPING EQU					ONS - Tri Count EPTOR, FORCE	MAINS AND MAN	HOLES	Page S9	
Pu	umping Equipme (a)	nt				(b)	(c)	nit (d)	(e)
	()						.,		
Location or Station						Lot 103 Silver Cliff Way	Fairways	Forest Lake	Lot 101 Silver Oak
Make or Type and Nameplate Data of Pump(s)						Smith & Loveless	Smith & Loveless	Myers	Hydromatic Duplex
Year Installed									
Rate Capacity (gpm) Size						225 gpm 15 HP	118 gpm 3 HP	92.5 gpm 10 HP	239 gpm 7.5 HP
How Driven?							011	1011	1.011
Give nameplate data of motor:									
What preventative maintenance is given pumping equipment?									
Routine check									
				1					
Are manufacturer's instructions adhered to?		Yes	х	No]			
What, if any, repairs were accomplished on pumping equipment	t during the year	?							
			Service Con	nections					
Size (inches)	1-1/4"								
Type (CI, VCP, etc.)	PVC								
Total Active Service Connections (by size): No. at Beginning of Year	0 741								
No. Added During the Year	6								
No. Retired During the Year	-								
No. at End of Year Give full particulars concerning inactive connections:	747								
		Collect	ting. Interceptor	and Force Main	าร				
		-	5, 1						
	C	Collecting Mains	;		Interceptor Mai	ins		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches) Type of Main (Cl, VCP, etc.)	2 PVC	2.5 PVC							
Length of Pipe (round to nearest foot)	2,934	15,289							
Beginning of Year	2,934	15,289							
Added During the Year Retired During the Year	-	-							
End of the Year	2,934	15,289				-			
Manholes						1			
Size									
Construction Material Number									
Beginning of the Year						<u>t</u>			
Added During the Year									
Retired During the Year End of the Year									
					1	1			

SEWER INFORMATION - Taos Wastewater	
PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANH	OLES
	Page S9

								Page 59	
P	umping Equipme (a)	ent				(b)	(c)	nit (d)	(e)
	(d)					(D)	(0)	(u)	(8)
Location or Station Make or Type and Nameplate Data of Pump(s) ABS						See Attached			
Make of Type and Nameplate Data of Fump(s) ABS						See Attached			
Year Installed						See Attached			
Rate Capacity (gpm)									
How Driven?									
How Driveria									
Give nameplate data of motor:									
See Attached									
What preventative maintenance is given pumping equipment?									
See Attached									
				1		1			
Are manufacturer's instructions adhered to?		Yes	Х	J No		1			l
What, if any, repairs were accomplished on pumping equipmen	t during the year	?							
See Attached	,								
			Service Con						
	1		Do not o	own		1	[1	
Size (inches) DO NOT OWN SERVICES									
Type (CI, VCP, etc.)									
Total Active Service Connections (by size):									
No. at Beginning of Year No. Added During the Year									
No. Retired During the Year									
No. at End of Year									
Give full particulars concerning inactive connections:									
		Collec	ting, Interceptor	and Force Mair	is				
			<u> </u>				-		
		Collecting Mains			Intercenter Mai			Cares Mains	
		Collecting Mains	5		Interceptor Mai	ns		Force Mains	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches)		See Attached		1	1				
Type of Main (CI, VCP, etc.)									
Length of Pipe (round to nearest foot)									
Beginning of Year Added During the Year				<u> </u>	<u> </u>				├───┤
Retired During the Year									
End of the Year								-	-
				I	I				
Montalas			1	1	1	1	1	1	, l
<u>Manholes</u> Size	48"	24"	48"		1				
Construction Material	Concrete	Concrete	Brick						
Number	-	-	-						
Beginning of the Year	-	-	-						
Added During the Year Retired During the Year	372	-	- 3	<u> </u>	ł				├
End of the Year	372	-	- 3	1	1				
	512		l v	1	1				

Report of: Taos Wastewater - Pg S	-9 Attachment 1 (Liftstat	ions)	1		1		For the calendar year of January 1, 2022 - December 31,	2022	1
Location of	Make or Type	Year	Rate	Size	How Driven	Give	What preventative	Are manufacturer's	What, if any, repairs
Liftstation	and nameplate	Installed	Capacity			Nameplate	maintenance is given	instructions	on pumping
	data of pump		GPM			data of	pumping equipment	adhered to?	on pumping
Taos LS/Sunrise Meadows #1	Gorman Rupp	2013	unknown	25HP	Suction	unknown	Cleaning & removal of all debris,	YES	replaced motors, volutes an impellar
Taos LS/Edwards St #2	HCP	2013	unknown	6HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Taos LS/Hwy M #3	Gorman Rupp	2013	unknown	25HP	Suction	unknown	Cleaning & removal of all debris,	YES	None
Taos LS/Westlane #4	HCP	2013	unknown	6HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Taos LS/Dove Lake Rd #5	HCP	2013	unknown	6HP	Submersible	unknown	Cleaning & removal of all debris,	YES	None
Taos LS/Dove Lake Ln #6	ABS	unknown	unknown	2.3HP	Submersible	S2/W18	Cleaning & removal of all debris,	YES	None
Taos LS/201A	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	replaced pump
Taos LS/202	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	replaced pump
Taos LS/203	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	replaced pump
Taos LS/204	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	replaced pump
Taos LS/206	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	replaced pump
Taos LS/207A	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/208	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/209A	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/210	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/211A	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/212	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/213	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/214	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/215	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/216	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/Twehous 217	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/250	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None
Taos LS/251	E-One	2013	unknown	2HP	Submersible	U Series	Cleaning & removal of all debris,	YES	None

Report of: Taos Wastewater - Pg S-9 Attachment

		N	lissouri Americ	an Water Com	pany					
		For the C	alendar Year e	nding Decem	ber 31, 2022					
			Sewe	er Mains						
			Taos Collectin	g Mains				Force N	lain	
Size	4"	6"	6"	6"	6"	8"	1 1/4"	2"	4"	1 1/4"
Туре	SDR	CIPP	SDR21	SDR35	VCP	CIPP	SDR21	SDR21	SDR21	Copper
Beginning of Year	-	-	-	-	-	-	-	-	-	-
Added During the Year	17,290	408	966	8,187	-	2,638	5,661	3,447	28,117	190
Retired During the Year	-	-	-	-	-	-	-	-	-	-
End of Year	17,290	408	966	8,187	-	2,638	5,661	3,447	28,117	190
Size	8"	8"	8"	8"	12"					
Туре	DIP	SDR21	SDR35	VCP	SDR21					
Beginning of Year	-	-	-	-	-					
Added During the Year	39	3,002	40,271	6,704	165					
Retired During the Year	-	-	-	-	-					
End of Year	39	3,002	40,271	6,704	165					

SEWER INFORMATION -Timber Springs Wastewater PUMPING EQUIPMENT, SERVICE CONNECTIONS, COLLECTING, INTERCEPTOR, FORCE MAINS AND MANHOLES

Report of MISSOURI AMERICAN WATER COMPANY

For the calendar year of January 1 - December 31 2022

PUMPING EQU	JIPMENT, SERVI	ICE CONNECTI	ONS, COLLEC	TING, INTERCE	PTOR, FORCE	MAINS AND MAN	HOLES	Page S9	
Pumping Equipment								nit	
(a)						(b)	(c)	(d)	(e)
Location or Station Make or Type and Nameplate Data of Pump(s)	Trimble Mo.		ai	ir/blower pumps		Roots U-RA1	Roots U-RA1	Roots 36 U-RA1	
Year Installed						unknown	unknown	spare/on shelf	
Rate Capacity (gpm)						air	air	spare/on sneii air	
Size									
Give nameplate data of motor:	Baldor	5hp							
	Baldor Weg	5hp 5hp							
What preventative maintenance is given pumping equipment?									
Grease Weekly									
Are manufacturer's instructions adhered to?		Yes	х	No]			
What, if any, repairs were accomplished on pumping equipment	nt during the year	?							
	,								
			Service Conr	actions					
			Do not o			r	•	•	
Size (inches)									
Type (CI, VCP, etc.)									
Total Active Service Connections (by size): No. at Beginning of Year									
No. Added During the Year									
No. Retired During the Year No. at End of Year					-	-	-	-	-
Give full particulars concerning inactive connections: There are 3 uninhabitable lots (lot w/ well house, wastewater pl	ant and one priva	ately owned lot y	with small swimn	ning pool on it).					
·····		,							
		Collect	ing, Interceptor	and Force Mair	15				
		concer	ing, interceptor	and roree main	15				
		Forced Mains			Interceptor Ma	inc		Gravity Mains	
		Torced Mains			interceptor wa	1115			
	(1-)	(-)	(1)	(-)	(0	(-)	(1-)	(1)	(*)
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
Size (inches) Fype of Main (Cl, VCP, etc.)	2 PVC	2.5 PVC	3 PVC						
Length of Pipe (round to nearest foot)	FVC	r V C	FVC						
Beginning of Year	· ·			•			• •	• •	
Added During the Year	2,575	2,467	4,325						
Retired During the Year End of the Year	-	-	-						
	2,575	2,467	4,325						
Manholes	NONE								
Size Construction Material									
Number									
Beginning of the Year Added During the Year									
Retired During the Year									
End of the Year									

PUMPING EQUIPMENT, S	ERVICE CON	SEWER IN NECTIONS, C	FORMATION	Trimble INTERCEPTO	R, FORCE M	AINS AND MA	NHOLES					Page S9	
Pum	ping Equipmer	nt							U				
	(a)					(b)	(c)	(d)	(e)	(f)		(g)	(h)
										Cape Cod	Cape Cod	Cape Cod	Cape Cod
ocation or Station ake or Type and Nameplate Data of Pump(s)						HWY 169	HWY 169	Wohlford	Wohlford	West	West	East	East
ear Installed ate Capacity (gpm)						1995	1995	Unknown	Unknown	2021	2021	2021	2021
ze w Driven?						10 HP Electric	10 HP Electric	3 HP Electric	3 HP Electric	2 HP Electric	2 HP Electric	2 HP Electric	2 HP Electric
ve nameplate data of motor:													
hat preventative maintenance is given pumping equipment? rease Weekly and monitored 5 days a week from SCADA)												
re manufacturer's instructions adhered to?		Yes	X	No]							
hat, if any, repairs were accomplished on pumping equipme	ent during the y	/ear?											
										l			
		Serv	ice Connection	s									
re (inches)		Don	ot own service	95				[
pe (CI, VCP, etc.) tal Active Service Connections (by size):	L												
No. at Beginning of Year													
No. Added During the Year No. Retired During the Year													
No. at End of Year ive full particulars concerning inactive connections:													
									_				
		Collecting, Inte	erceptor and Fo	orce Mains									
		Collecting Mair	ıs	I	nterceptor Mai	ns		Force Mains					
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)				
ze (inches)	8						2"	1.25"	6"				
/pe of Main (CI, VCP, etc.) angth of Pipe (round to nearest foot)	PVC						PVC	PVC	PVC				
eginning of Year Ided During the Year	25,400						3,100	600	6,500				
etired During the Year nd of the Year	- 25,400						- 3,100	- 600	- 6,500				
<u>Manholes</u>													
ze onstruction Material	4 conc.												
umber eginning of the Year													
dded During the Year etired During the Year	110												
nd of the Year	110												

Page S-9

	PUMPING EQI	UIPMENT, SE	SRVICE CONN	EWER INFOR	MATION WA	RDSVILLE INTERCEPTO	R, FORCE MA	AINS AND MA	NHOLES		Page S9		
Pum	ping Equipment										9		
Fully	(a)					(b)	(c)	(d)	(e)	(f)	(d)		(e)
Se	e attachment												
Location or Station Make or Type and Nameplate Data of Pump(s)													
Year Installed Rate Capacity (gpm)													
Size													
How Driven?													
Give nameplate data of motor:													
What preventative maintenance is given pumping equipment?													
what preventative maintenance is given pumping equipmente													
						1							
Are manufacturer's instructions adhered to?		Yes		No		1							
What, if any, repairs were accomplished on pumping equipme None	ent during the yea	ar?											
				Servio Do	ce Connection es not own	s							
Size (inches)													
Type (CI, VĆP, etc.) Total Active Service Connections (by size):													
No. at Beginning of Year													
No. Added During the Year No. Retired During the Year													
No. at End of Year Give full particulars concerning inactive connections:													
· · · · · · · · · · · · · · · · · · ·													
			(Collecting, Inter	rceptor and Fo	orce Mains							
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(I)	(m)	(n)
(-)	(-)	(-)	(-/	(-/	(7	(37	()	(7	07	()	(7	()	()
Size (inches)	6	6	4	8						6	8	2	
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	Clay	PVC	PVC	PVC						Clay	Clay	PVC	
Beginning of Year Added During the Year	9,135	33,505	4,325	2,793						4,880	1,175	83,440	
Retired During the Year End of the Year	- 9,135	- 33,505	- 4,325	2,615 178						- 4,880	- 1,175	- 83,440	
Size (inches)	0,100	00,000	1,020							1,000	1,110	00,110	
Type of Main (CI, VCP, etc.)													
Length of Pipe (round to nearest foot) Beginning of Year													
Added During the Year Retired During the Year													
End of the Year													
Manholes													
Size Construction Material	48" Concrete	48" Brick											
Number Beginning of the Year	1,000	1											
Added During the Year Retired During the Year	1												
End of the Year	1,000	- 1											

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For the calendar year of January 1 - December 31,

2022

Report of MISSOURI AMERICAN WATER COMPANY

Location of Liftstation	Make or Type and nameplate data of pump	Year Installed	Rate Capacity GPM	Size	How Driven	Give Nameplate data of motor	What preventative maintenance is given pumping equipment	Are manufacturer's instructions adhered to?	What, if any, repairs were accomplished on pumping equipment?
Wardsville RD	ABS	unknown	unknown	8.7hp	Submersible	ia4=00 a8 7	Cleaning & removal of all debris,	YES	none
	ABS	UNKIIOWII	UNKIIOWII	0.71ip	Submersible	js4n60-e8.7	cleaning & removal of all debris,	TES	none
Vanloo Lane	Gorman Rup	Unknown	Uknown	34hp	Submersible	js6e60-e34	Cleaning & removal of all debris,	YES	new check valves/PLC
Rte M	ABS	Unknown	Unknown	3.2	Submersible	S26/2	Cleaning & removal of all debris,	YES	none
Sunny Meadow	ABS	Unknown	unknown	2.2	Submersible	S20/2	Cleaning & removal of all debris,	YES	New wet well and pumps
5425 Wardsville Rd	myer	unknown	unknown	2.0hp	Submersible	wg20-21-15	Cleaning & removal of all debris,	YES	None
5429 Wardsville Rd	Myer	Unknown	Unknown	2.0hp	Submersible	wg20-21-15	Cleaning & removal of all debris.	YES	none
Whipporwill	Myer	2018	unknown	5.0hp	Submersible	wg50-21-35	Cleaning & removal of all debris	Yes	none
Deerhaven	Myer	2018	unknown	5.0hp	Submersible	wg50-21	Cleaning & removal of all debris	Yes	none

PUMPING EQUIP	MENT. SERV		ER INFORM	ATION WAI	G. INTERCE	NTY EPTOR. FORCE M	IAINS AND MANHO	OLES			Page S9	
Durr	ping Equipmer								Unit			
Pum	ping Equipmen (a)	11				(b)	(c)	(d)	(e)	(f)	(g)	(h)
Location or Station Make or Type and Nameplate Data of Pump(s)						Golf Course Barnes	Gould	Boat Dock Barnes	Shady Oaks Barnes	Woodchuck Gould	Grinder Pumps Barnes	Grinder Pumps unknown
Year Installed Rate Capacity (gpm)						2 pumps 2008	1983	2 pumps 2005	2 pumps 2005	1 pump 2005	30 pumps 2007-2008	70 pumps 1981-1990
Size How Driven?						5 HP floats		5 HP floats	5 HP floats	2 HP floats	1 & 2 HP floats	1 & 2 HP floats
Give nameplate data of motor:												
What preventative maintenance is given pumping All lift stations listed above with the exception of C		were inspe	cted by an	outside cont	ractor.							
Are manufacturer's instructions adhered to? What, if any, repairs were accomplished on pump	ina equipment		x vear?	No]						
Plant #2 and Shady Oaks lift station pumps were	removed and o	leaned	Joan .									
		1	Serv	ice Connect	ions	1						
Size (inches) Type (Cl, VCP, etc.) Total Active Service Connections (by size): No. at Beginning of Year	4"-6" 503											
No. Added During the Year No. Retired During the Year No. at End of Year	- 348 155											
Give full particulars concerning inactive connectio	115.											
	_	Co	llecting, Int	erceptor and	I Force Mair	ns						
	Col	lecting Mai	ns		Interceptor	r Mains		Force Mains				
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)			
Size (inches)	8"							2"				
Type of Main (CI, VCP, etc.) Length of Pipe (round to nearest foot)	PVC 0							PVC 0				
Beginning of Year Added During the Year	48,569 3,260							13,425 -				
Retired During the Year End of the Year	- 51,829							- 13,425				
<u>Manholes</u> Size	Conorato											
Construction Material Number	Concrete 220											
Beginning of the Year Added During the Year	220											
Retired During the Year End of the Year	- 235											

"W" SECTION

WATER OPERATING REVENUES

	WATER	OPERATING REVENUE	<u>s</u>					
			Current Year			Last Year		
Particulars (a)	Acct. No. (b)	Average No. of Customers (c)	Gallons of Water Sold (d)	Amounts (e)	Average No. of Customers (f)	Gallons of Water Sold (g)	Amounts (h)	Increase (Decrease) (i)
Operating Revenues Unmetered Sales to General Customers: Unmetered Sales to Cesidential Customers Unmetered Sales to Commercial Customers Unmetered Sales to Industrial Customers Unmetered Sales to Public Authorities	460.1 460.2 460.3 460.4	188		\$ 164,330	257		\$ 158,905	
Total Unmetered Sales to General Customers Metered Sales to General Customers: Metered Sales to Residential Customers Metered Sales to Commercial Customers Metered Sales to Industrial Customers Metered Sales to Public Authorities	460 461.1 461.2 461.3 461.4	188 437,306 26,571 240	- 30,755,238,111 11,083,604,781 6,241,591,722	\$ 75,868,805	257 434,812 26,232 248	- 29,820,907,817 10,567,095,230 6,099,461,210	\$ 67,634,026	\$ 18,818,521 \$ 8,234,779
Total Metered Sales to General Customers	461	464,117	48,080,434,614		461,292	46,487,464,257		
rivate Fire Protection Service Public Fire Protection Service	462	- 10,076	62,641,324	\$ 5,067,023 \$ -	9,859	55,156,732	\$ 5,219,847 \$ -	\$ (152,825) \$ -
Other Sales to Public Authorities	464	1,944	1,317,302,648	\$ 8,682,338	1,958	1,183,727,212	\$ 7,337,775	\$ 1,344,562
Sales to Irrigation Customers	465							\$-
Sales for Resale	466	27	5,111,748,000		27	5,405,438,568		
Interdepartmental Sales	467	476,352	- 54.572.126.586	\$ - \$ 361,673,438	473,394	53,131,786,769	\$ - \$ 332,070,277	\$ - \$ (27,098,004)
Other Operating Revenues Forfeited Discounts	470		- ,,,,,	\$ 914,370			\$ 1,089,384	
Miscellaneous Service Revenues	471			\$ 2,914,542			\$ 2,913,235	\$ 1,307
Rents from Water Property	472			\$ 818,020			\$ 833,927	\$ (15,907 <mark>)</mark>
nterdepartmental Rents	473							\$-
Other Water Revenues	474			\$ 140,641			\$ 140,807	
Total Other Operating Revenues		-	-	\$ 4,787,572	-	-	\$ 4,977,352	
Total Water Operating Revenues		476,352	54,572,126,586	\$ 366,461,010 (Total to Pg. F-13)	473,394	53,131,786,769	\$ 337,047,629	\$ (26,908,224)
		Comment(s)		1			1	l

Indicates link to another worksheet within workbook.

manufician i matrix matrix <thmatrix< th=""> matrix matrix<th>Report below the information called for concerning sales of water by the respondent i The information to be shown below should be on the same basis as provided in Wate</th><th></th><th></th><th></th><th></th><th></th><th>inmetered Sales to General Customer</th><th>8</th><th></th><th></th><th>_</th></thmatrix<>	Report below the information called for concerning sales of water by the respondent i The information to be shown below should be on the same basis as provided in Wate						inmetered Sales to General Customer	8			_
anome of the second of the sec	Community	Ope			Average No.				Operating		Average No.
manufact i manufact manufact manufact manufact </th <th>(a)</th> <th>(</th> <th>(b)</th> <th>(c) (c)</th> <th>(d)</th> <th>(e)</th> <th>(0)</th> <th>(9)</th> <th>(h)</th> <th>(000 (0)</th> <th>(j)</th>	(a)	((b)	(c) (c)	(d)	(e)	(0)	(9)	(h)	(000 (0)	(j)
manual manua manua manua <td></td> <td>s</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>s -</td> <td>s - s</td> <td></td>		s							s -	s - s	
addition addition	Louis County 1702 (includes Eureka)	s	246,591,274	34,458,127					\$ 246,591,274	\$ 34,458,127 \$	
biolog biolog<	Joseph 1703	s	22,386,578	4,244,978					\$ 22,386,578	\$ 4,244,978 \$	
biolog biolog<	rkville 1704	\$	6,289,102	921,996					\$ 6,289,102	\$ 921,996 \$	
mania mania mania mania matrix and a matrix and a second of a seco		s									
bill bill <th< td=""><td></td><td>•</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>		•									
bin bin <td></td> <td>\$</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		\$									
short 1		\$									
manufact 1 0.0000	exico 1710	\$	2,505,756	330,625					\$ 2,505,756	\$ 330,625 \$	
and shares and shares	plin 1711	\$	21,871,931	3,594,124					\$ 21,871,931	\$ 3,594,124 \$	
manufact image wind 1	fferson City 1712	s	6,599,052	873,886					\$ 6,599,052	\$ 873,886 \$	
manufact image wind 1		s									
share 1 0.000		Ť				\$ 81.607					
when the second seco		-				01,007					
mannia and a second of the sec		\$		21,420							
since since		s	· · ·								
second 3 <td< td=""><td>ina Meadows 1736</td><td>s</td><td>74,602</td><td>8,764</td><td></td><td></td><td></td><td></td><td>\$ 74,602</td><td>\$ 8,764 \$</td><td></td></td<>	ina Meadows 1736	s	74,602	8,764					\$ 74,602	\$ 8,764 \$	
search 3 <td< td=""><td>dfield 1741</td><td>s</td><td>32,245</td><td>4,040</td><td></td><td></td><td></td><td> </td><td>\$ 32,245</td><td>\$ 4,040 \$</td><td></td></td<>	dfield 1741	s	32,245	4,040					\$ 32,245	\$ 4,040 \$	
share share	xson Estate 1742	s	76,293	8,686					\$ 76,293	\$ 8,686 \$	
whendy i <td< td=""><td></td><td>s</td><td></td><td></td><td></td><td> </td><td></td><td> </td><td></td><td></td><td></td></td<>		s									
mentodyimodelmo		,	20,200	2,007					23,200	2,057 3	
sequency 9 3 <		2		-					•	- 5	
ware i 0.000 0		s									
menone mean mean of the mean o	gue Creek 1749	\$	26,752	2,756					\$ 26,752	\$ 2,756 \$	
bit 1 0.000	vely Farms 1751	\$	179,853	23,577					\$ 179,853	\$ 23,577 \$	
bit 1 0.000	wson 1753	\$	437,425	49,473					\$ 437,425	\$ 49,473 \$	
ain for the second of the seco		s									
and mathem with the second of the s		•									
sharp sharp <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>											
1 1 <td></td> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		5									
Image: base in the state in the st	ircell 1765	s	13,270	1,431					\$ 13,270	\$ 1,431 \$	
Image: base in the state in the st									s -	s - s	
									s -	s - s	
									s -	s - s	
Description Description <thdescription< th=""> <thdescription< th=""></thdescription<></thdescription<>	Iotal	\$	335,801,106	48,080,435	\$ -	\$ 81,607	\$ -	5 -	\$ 335,882,712	\$ 48,080,435 \$	
Langeny 1722 Langeny 1724 Langeny 1724 and 174				Private Fire Protection Service (Account 462)			Public Fire Protection Service (Account 463)			Total	
Lackory 172SSSTSSS	Community	Ope	enues	Gallons Sold (000 Omitted)	Average No. of Customers	Operating Revenues	Gallons Sold (000 Omitted)	Average No. of Customers	Operating Revenues	Gallons Sold (000 Omitted)	Average No. of Customers
AugeAu	(a)	((B)	(6)	(8)	(e)	(1)	(g)	(n)	(1)	Ű
Landrift11 <t< td="">11111111111111111111111</t<>	Louis County 1702	\$	3,621,021	57,760	7,460				\$ 3,621,021	\$ 57,760 \$	
and the function10.000 </td <td>Joseph 1703</td> <td>s</td> <td>410,274</td> <td>1,716</td> <td>782</td> <td></td> <td></td> <td></td> <td>\$ 410,274</td> <td>\$ 1,716 \$</td> <td></td>	Joseph 1703	s	410,274	1,716	782				\$ 410,274	\$ 1,716 \$	
Name name to make to		•			181						
number number											
12 1000 <td< td=""><td>5</td><td>5</td><td></td><td>949</td><td>225</td><td></td><td></td><td></td><td></td><td>\$ 949 \$</td><td></td></td<>	5	5		949	225					\$ 949 \$	
hend10.000		\$			1					s - s	
spin11spin1	Charles 1709	s	165,408	83	229				\$ 165,408	\$ 83 \$	
adddel<del<<deldeldeldeldeldeldeldeldeldeldeldeldeldeldeldeldeldeldel <th< td=""><td>exico 1710</td><td>s</td><td>69,089</td><td>216</td><td>112</td><td></td><td></td><td></td><td>\$ 69,089</td><td>\$ 216 \$</td><td></td></th<>	exico 1710	s	69,089	216	112				\$ 69,089	\$ 216 \$	
adddel<del<<deldeldeldeldeldeldeldeldeldeldeldeldeldeldeldeldeldeldel <th< td=""><td>plin 1711</td><td>\$</td><td>477,704</td><td>1,154</td><td>837</td><td></td><td></td><td></td><td>\$ 477,704</td><td>\$ 1,154 \$</td><td></td></th<>	plin 1711	\$	477,704	1,154	837				\$ 477,704	\$ 1,154 \$	
independence i <t< td=""><td></td><td>s</td><td></td><td></td><td></td><td> </td><td></td><td> </td><td></td><td></td><td></td></t<>		s									
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amen 1733 \$ 4 - 2 - 3 - - - - - - - - - - - - - - - -		s			3				\$ 931	s - s	
name A base 5 5 5 5 5 6 6 5 5 6 <th< td=""><td>nerald Pointe 1734</td><td>s</td><td>931</td><td></td><td></td><td> </td><td></td><td> </td><td></td><td>s . s</td><td></td></th<>	nerald Pointe 1734	s	931							s . s	
ureta 1702 (normal s lusis County 1702 above S	nerald Pointe 1734 ardsville 1747	s s			2			1			
S S S S S S S S S S S S S S	nemad Pointe 1734 ardøville 1747 wson 1753	\$ \$ \$	644	-	2				\$ 5.004	s 001 2	
S S S S S S S S S S S S S S	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	\$ \$ \$	644	- 486	2 11				\$ 5,394	\$ 466 \$	
Image: Control of the second secon	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	\$ \$ \$	644	- 466	2 11 8				s -	\$ 466 S S - S	
	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	\$ \$ \$	644	- 486	2 11 8				s -	\$ 466 S S - S S - S	
S - <td>nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755</td> <td>\$ \$ \$ \$</td> <td>644</td> <td>- 466</td> <td>2 11 8</td> <td></td> <td></td> <td></td> <td>s - s -</td> <td>s - s s - s</td> <td></td>	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	\$ \$ \$ \$	644	- 466	2 11 8				s - s -	s - s s - s	
S - <td>nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755</td> <td>\$ \$ \$ \$</td> <td>644</td> <td>460</td> <td>2 11 8</td> <td></td> <td></td> <td></td> <td>\$- \$- \$-</td> <td>s - s s - s</td> <td></td>	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	\$ \$ \$ \$	644	460	2 11 8				\$- \$- \$-	s - s s - s	
S - S - S	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	S S S	644	- 406	2 11 8				S - S - S - S -	\$ - S S - S S - S S - S	
	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	s s s	644	- 466	2 11 8				S - S - S - S - S -	\$ - S S - S S - S S - S	
	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	S S S S	644	- 460	2 11 8				S - S - S - S - S - S -	\$ - S S - S S - S S - S	
	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	5 5 5	644	- 460	2 11 8				S - S - S - S - S - S -	\$ - S S - S S - S S - S	
	nerald Pointe (734 ardwille 1747 wson 1753 anson Metro Water 1755	S S S	644	- 466	2				S - S - S - S - S - S -	\$ - S S - S S - S S - S	

Indicates formula cell.

Report below the information specified concerning water sold during the year to other water utilities or to public authorities for distribution to utimate consumers. For unmeasured sales, report the best estimates availat:									
Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)				
1 2 SEE ATTACHMENTS									
i ,									
1 5									

Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
1					
2 SEE ATTACHMENTS					
3					
* 5					
6					
7					
8					
° 10					
11					
12					
13					
14					
15					
16					
1/					
19					
20					
21					
22					
23					
D 24 Ge 25			5,111,748	\$ 11,877,036	
			5,111,748	\$ 11,877,035.60	
			(Total to Pg. W-1)	(Total to Pg. W-1)	

For yea - December 31 2022

BRUNSWICK OPERATIONS
1. Report below the information appendied concerning water sold during the year to other water utilities or to public authorities for distribution to ultimate consumers. For unmeasured sales, report the best estimates available.
2. The quantities reported should be hove shown by the bit residence to the purchasers.

 The quantities reported should be those shown by the bill rendered to the purchasers. 					
Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
1 Chariton County Public Water Supply #2				Yes	No
2					
3					
4					
5					
6					
7					
8					
0 0					
10					
11					
12					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					

Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
1 Chariton County Public Water Supply #2	Chariton County Water District #2, (System #1 and System #2)	100 PSI	24,534	\$ 148,315	\$ 6.0
2					
3 Unbilled Revenue Adjustment				\$ 217	
4					
5 DSIC				\$ 10	
7					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
24 25 					
Total			24,534 (Total to Pg. W-1)	\$ 148,542 (Total to Pg. W-1)	

For the Year Ended Decemb

2022

MISSOURI AMERICAN WATER COMPANY

<u>JOPLIN OPERATIONS</u> 1. Report below the information specified concerning water sold during the year to other water utilities or to public authorities for distribution to utilimate consumers. For ummeasured sales, report the best estimates available 2. The quantities reported inducts the twose shown by the bit rendered to the porchasers.

Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
1 City of Galena, KS	NO	YES	Galena, KS	YES	The water is SOLD in Missouri. The customer takes it to Kansas.
2 City of Webb City, MO	NO	YES	Webb City	YES	NO
3 Jasper County, MO - Rural Water District #1	NO	YES	Jasper County 1	YES	NO
4					
5					
6					
7					
8					
9					
10					
11					
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Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
1 Galena, KS	Meter located at Galena Booster Station, 20th St & Stateline Rd., Joplin, MO 64804	~ 48 psi	144,837	\$ 380,299	\$ 2.63
2 City of Webb City, MO	Meter vault located near 324 Enterprise Ave., Webb City, MO 64801	~ 70 psi	72,884	\$ 193,582	\$ 2.66
3 Jasper County, MO - Rural Water District #1			75,781	\$ 206,210	\$ 2.72
4					
5 Unbilled Revenue Adjustment				\$ (43,437)	
6					
7					
8 DSIC				\$ 24,219	
y 					
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ca Total	1	1	293,502 (Total to Pg. W-1)	\$ 760,873 (Total to Pg. W-1)	

202

ed sales, report the best estimates available

MEXICO OPERATIONS 1. Report below the information specified of 2. The quantities reported to the below of the second seco

ning water sold during the year to other water utilities or to public authorities for distribution to ultimate consumers. For unme

Index<	2. The quantities reported should be those shown by the bill rendered to the purchasers.								
Index<	Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)			
2Image: sector of the sector of t	1 Audrain Public Water Supply District #1	1	x		x				
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Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
1 Audrain Public Water Supply District #1	1 Audrain Public Water Supply District #1	55 - 65 psi	43,723	\$ 116,351	2
2 3 DSIC				\$ 3,937	
4					
5 Unbilled Revenue Adjustment 6				\$ 2,022	
7					
8 9					
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11 12					
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24 25					
co Total	1	1	43,723 (Total to Pg. W-1)	\$ 122,309 (Total to Pg. W-1)	

For the Year Ended Decem

TER COMPANY

Report of MISSOURI AMERICAN WATER COMPANY

PARKVILLE OPERATIONS
1. Report below the information specified concerning water sold during the year to other water utilities or to public authorities for distribution to utimate consumers. For unmeasured sales, report the best estimates available

2. The quantities reported should be those shown by the bill rendered to the purchasers.					
Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
1 City of Lake Waukomis			Х	х	
2 Public Water District #6		х		х	
3 KC Water Dept.			x	x	
4					
5					
6					
7					
8					
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25	1	1		1	

Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
City of Lake Waukomis	Arbor Creek Lane and City Limits of Lake Waukomis	70 psi	17,023	\$ 45,443	\$ 2.67
Public Water District #6	Blair connection and Eastside connection	70 psi	43,082	\$ 114,556	\$ 2.66
KC Water Dept.	51st and Paradise	75 psi	0	\$ 1,369	
Unbilled Revenue Adjustment				\$ 1,253	
· · · · · · · · · · · · · · · · · · ·					
DSIC				\$ 6,005	
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otal			60,105 (Total to Pg. W-1)		
			(Total to Pg. W-1)	(Total to Pg. W-1)	

ST. JOSEPH OPERATIONS
1. Report below the information specified concerning water sold during the year to other water utilities or to public authorities for distribution to ultimate consumers. For unmeasured sales, report the best estimates available.
2. The quantities reported should be those shown by the bill rendered to the purchasers.

Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
1 Public Water Supply District #1 - Andrew County		x		х	
2 Public Water Supply District #1 - Andrew County		x		х	
3 Public Water Supply District #1 - Andrew County		x		х	
4 Public Water Supply District #2 - Andrew County		х		х	
5 Public Water Supply District #2 - Andrew County		х		x	
6 Public Water Supply District #1 - Buchanan Cnty		х		х	
7 Public Water Supply District #1 - Buchanan Cnty		х		х	
8 Public Water Supply District #1 - Dekalb County		х		x	
9 Public Water Supply District #1 - Dekalb County		х		х	
10 City of Elwood			х	x	

	Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
	1 Public Water Supply District #1 - Andrew County	Highway 71 & John Glenn Road	55 PSI	162,068	\$ 427,192	\$ 2.64
	2 Public Water Supply District #1 - Andrew County	Andrew County Road & Amazonia	45 PSI	83,099	\$ 219,039	\$-
	3 Public Water Supply District #1 - Andrew County	Woodbine Road and Cook Road	87 PSI	444	\$ 2,134	\$ -
	4					
	5 Public Water Supply District #2 - Andrew County	Cook Road and 102 River	112 PSI	114,499	\$ 301,772	\$ 2.64
	6 Public Water Supply District #2 - Andrew County	Highway 6 and Riverside Road	105 PSI	23,319	\$ 62,937	\$ 2.70
	7					
	8 Public Water Supply District #1 - Buchanan Cnty	Route U and Ingersol Road	130 PSI	5,555	\$ 15,520	\$ 2.79
	9 Public Water Supply District #1 - Buchanan Cnty	Highway 59 and Parker Road	112 PSI	45,847	\$ 121,346	\$ 2.65
	10					
	11 Public Water Supply District #1 - Dekalb County	Mitchell Avenue	96 PSI	140,505	\$ 370,708	\$ 2.64
	12 Public Water Supply District #1 - Dekalb County	South Highway 169 and City Limits	92 PSI	140,192	\$ 369,072	\$ 2.63
	13					
	14					
	15					
	16 City of Elwood	City of Elwood		212,361	\$ 561,598	\$ 2.64
σ	17 DSIC				\$ 87,536	
age	17 DSIC 18 unbilled Revenue Adjustment				\$ 35,214	
₩-3	Total		1	927,888 (Total to Pg. W-1)	\$ 2,574,068 (Total to Pg. W-1)	

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ST LOUIS COUNTY OPERATIONS
1. Report below the information specified concerning water sold during the year to other water utilities or to public authorities for distribution to ultimate consumers. For unmeasured sales, report the best estimates available.
2. The quantities reported should be those shown by the bill rendered to the purchasers.

Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
1 City of Kirkwood			х	х	
2 Public Water District #1 Jefferson County	x		х	х	
3 Public Water District #3 Jefferson County	x			x	
Public Water District #10 Jefferson County	x			х	
5 C1 Jefferson County	x			х	
3					
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10					
11					

Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)	
l City of Kirkwood	Swan Avenue 661'	30-50 PSI	1,060,357	\$ 1,109,004	\$ 1.05	
2	Filmore & Big Bend 633'	50-60 PSI				
i	Trossock & Barrett Station 563'	100-110 PSI				
	Highland Avenue 533'	145-155 PSI				
·	Trailcrest & Ballas 574'	90-100 PSI				
	Tree Court & Marshall 402'	140-150 PSI				
Public Water District #1 Jefferson County	Easement @ Meramec River South of Meramec Bottom Road	130-150 PSI	824,496	\$ 2,159,684	\$ 2.62	
	Hawkins Rd @ Meramec River 398'	130-150 PSI				
	Lemay Ferry @ Meramec River 436'	115-135 PSI				
0 Public Water District #3 Jefferson County	Highway 141 @ Berthold Drive 571'	60-80 PSI	485,130	\$ 1,270,748	\$ 2.62	
1	Highway 141 @ Fielder Drive 427'	110-135 PSI				
2	Debres Road South of Gravois 470'	100-120 PSI				
3	Robin Lane & Highway 141 475'	95-115 PSI				
4	Meramec Bottom Rd. @ Bentnor 398'	125-145 PSI				
5 Public Water District #10 Jefferson County	Telegraph Rd. @ Meramec River 402'	125-140 PSI	207,248	\$ 542,864	\$ 2.62	
6 C1 Jefferson County	Lemay Ferry Road 490'	90-110 PSI	1,182,002	\$ 1,199,862	\$ 1.02	
7						
8 C1 Jefferson County Amortization of Pipe Lines				\$ 1,422,125		
9						
0 DSIC				\$ 334,328		
1						
2 Unbilled Revenue Adjustment				\$ 100,662		
3						
4 Billing Adjustments - Jefferson County tax adjustment				\$ (46,296)		
otal			3,759,232 (Total to Pg. W-1)	\$ 8,092,983 (Total to Pg. W-1)		

Report of MISSOURI AMERICAN WATER COMPANY

WARRENSBURG OPERATIONS
1. Report below the information aspecified concerning water sold during the year to other water willities or to public authorities for distribution to ultimate consumers. For unmeasured sales, report the best estimates available.
2. The quantifier expected should be those shown by the bill rendered to the purchasers.

The quantities reported should be should another by and an enforced to the parentables.					
Name of Other Water Utility (b)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
Johnson County Public Water District #1			x	x	
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Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
1. Johnson County Public Water District #1	39 NE 175	75 psi	889	\$ 3,720	\$ 4.18
2. Johnson County Public Water District #1	4 NW OO Hwy	75 psi	0	\$ -	\$ -
3 4. Unbilled Revenue Adjustment				\$ (111)	
5					
6 DSIC				\$ 78	
8					
9					
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23					
24					
25					
S Total			(Total to Pg. W-1)	\$ 3,687 (Total to Pg. W-1)	

31,2022

ST. CHARLES OPERATIONS
1. Report below the information appointed concerning water sold during the year to other water willities or to public authorities for distribution to ultimate consumers. For umneasured sales, report the best estimates available.
2. The quantifier period should be those shown by the bill rendered to the purchasers.

 Ine quantues reported should be unose shown by the bill rendered to the purchasers. 					
Name of Other Water Utility (a)	Associated Utilities (b)	Non-Associated Utilities (c)	Municipalities (d)	Sales Within State Boundaries (e)	Export Across State Lines (f)
Village of Weldon Spring Heights					
2					
3					
4					
5					
6					
7					
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9					
10					
11					
12					
13					
14					
15					
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25					

	Name of Other Water Utility (a)	Point of Delivery (g)	Pressure at Point of Delivery (h)	Gallons Sold (000 Omitted) (i)	Revenue (j)	Revenue Per M. Gallons (k)
1. Villa	ge of Weldon Spring Heights	Weldon Spring Heights Dr		1,875	\$ 5,408	\$ 2.89
2						
3						
4. Unbi	lled Revenue Adjustment				\$ 352	
5						
6 DSIC					\$ 186	
7						
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D 24						
3ge 25						
Page W-3				1,875 (Total to Pg. W-1)	\$ 5,947 (Total to Pg. W-1)	

31,2022

INTERDEPARTMENTAL SALES (ACCOUNT 467)

Name of Other Department (a)	Basis of Charge to Other Department (b)	Point of Delivery (c)	Gallons (000 Omitted) (d)	Revenue (e)	Revenue Per M. Gallon (in Cents) (f)
Total Interdepartmental Sales (Acct. 467)			- (Total to Pg. W-1)	\$- (Total to Pg. W-1)	<mark>\$ -</mark>

RENTS FROM WATER PROPERTIES (ACCOUNT 472)

1. Report below rents received during the year for use by others of property devoted to water operations by the utility.

2. Minor rents may be entered at the total amount for each class of such rents.

3. If rents are includible which were arrived at under an arrangement for apportioning expenses of a joint facility, whereby the amount included in this account represents profit or return on property,

depreciation, and taxes, give particulars and the basis of apportionment of such charges to this account.
Designate if lessee is an associated company by placing an "X" in Column (b).

Name of Lessee (a)	Assoc. Co. (b)	Description of Property (c)		Amount of Revenue for Year (d)
American Tower, Inc.		Antenna lease on water tank	\$	119,567
AT&T Wireless		Antenna lease on water tank	\$	190,512
Danny Hackmann		Antenna lease on water tank	\$	1,360
Jesse Thomas		Antenna lease on water tank	\$	5,125
Lamar Companies		Office space rental	\$	21,401
Lau Farming		Farm rental	\$	21,735
Metropcs New York, LLC		Antenna lease on water tank	\$	8,280
Mobile Radio Communication Inc		Antenna lease on water tank	\$	4,175
Mobile Radion Communications,		Antenna lease on water tank	\$	5,819
MSD		Antenna lease on water tank	\$	10
Rick Stolte		Farm rental	\$	1,300
Sprint		Antenna lease on water tank	\$	238,379
T Mobile		Antenna lease on water tank	\$	148,681
US Cellular		Antenna lease on water tank	\$	4,194
Verizon Wireless		Antenna lease on water tank	\$	41,800
W Stemme Farms LLC		Farm rental	\$	5,683
Total Rents from Water Property (Acct. 472)			\$	818,020
			(Total to Pg. W-1)

WATER OPERATION AND MAINTENANCE EXPENSES

Particulars (a)	Acct. No. (b)	-	nt Year (c)	Last Year (d)	Increase (Decrease) (e)
Source of Supply Expenses					
Operation: Operation Supervision and Engineering Operation Labor and Expenses Purchased Water Miscellaneous Expenses Rents	600 601 602 603 604	\$ \$ \$ \$	680,395 1,370,277 6,534,566 14,860	\$ 728,947 \$ 1,298,047 \$ 5,976,488 \$ 8,705	\$ - \$ (48,552) \$ 72,230 \$ 558,078 \$ 6,155
Total Source of Supply - Operation Expenses		\$	8,600,097	\$ 8,012,187	\$ 587,910
Maintenance: Maintenance Supervision and Engineering Maintenance of Structures and Improvements Maintenance of Collecting and Impounding Reservoirs Maintenance of Lake, River and Other Intakes Maintenance of Wells and Springs Maintenance of Infiltration Galleries and Tunnels Maintenance of Supply Mains Maintenance of Miscellaneous Water Source Plant	610 611 612 613 614 615 616 617	\$	173,042 108,975	\$ - \$ - \$ - \$ - \$ 222,358 \$ 222,358 \$ - \$ 78,868	\$ - \$ - \$ - \$ - \$ - \$ - \$ (49,317) \$ - \$ - \$ - \$ - \$ 30,108
Total Source of Supply - Maintenance Expenses		\$	282,017	\$ 301,226	\$ (19,209)
Total Source of Supply Expenses		\$	8,882,114	\$ 8,313,413	\$ 568,701
<u>Pumping Expenses</u> Operation: Operation Supervision and Engineering	620	\$	238,861	\$ 155,137	\$ 83,724
Fuel for Power Production Power Production Labor and Expenses Fuel or Power Purchased for Pumping Pumping Labor and Expenses Expenses Transferred (Credit) Miscellaneous Expenses Rents	621 622 623 624 625 625 626 627	\$ \$ \$ \$ \$	292,829 4,677,144 1,571,976 25,855 2,065	\$ 141,774 \$ - \$ 4,311,485 \$ 1,588,852 \$ - \$ 30,178 \$ 2,724	\$ 151,055 \$ - \$ 365,659 \$ (16,876) \$ - \$ (4,323) \$ (660)
Total Pumping - Operation Expenses		\$	6,808,728	\$ 6,230,150	\$ 578,579
Maintenance: Maintenance Supervision and Engineering Maintenance of Structures and Improvements Maintenance of Power Production Equipment Maintenance of Pumping Equipment	630 631 632 633	\$ \$ \$ \$	266,832 369 - 540,670	\$ 39,778 \$ - \$ 295 \$ 434,299	\$ 227,054 \$ 369 \$ (295) \$ 106,371
Total Pumping - Maintenance Expenses		\$	807,870	\$ 474,372	\$ 333,498
Total Pumping Expenses		\$	7,616,599	\$ 6,704,522	\$ 912,077
<u>Water Treatment Expenses</u> Operation: Operation Supervision and Engineering	640	\$	350,071	\$ 360,021	\$ (9,950)
Chemicals Operation Labor and Expenses Miscellaneous Expenses Rents	641 642 643 644	\$ \$ \$ \$	13,076,613 3,880,170 2,962,714 126,956	\$ 9,771,943 \$ 4,068,217 \$ 1,896,949 \$ 8,846	\$ 3,304,670 \$ (188,047) \$ 1,065,765 \$ 118,110
Total Water Treatment - Operation Expenses		\$	20,396,523	\$ 16,105,977	\$ 4,290,547
Maintenance: Maintenance Supervision and Engineering Maintenance of Structures and Improvements Maintenance of Water Treatment Equipment	650 651 652	\$ \$ \$	1,509,331 583 796,721	\$ 1,854,754 \$ - \$ 864,018	\$ (345,423) \$ 583 \$ (67,298)
Total Water Treatment - Maintenance Expenses		\$	2,306,635	\$ 2,718,773	\$ (412,138)
Total Water Treatment Expenses		\$	22,703,158	\$ 18,824,749	\$ 3,878,409
Subtotal Water Operation Expenses		\$ (Total to Pg. W-6)	35,805,349	\$ 30,348,313 (Total to Pg. W-6)	\$ 5,457,036 (Total to Pg. W-6)
Subtotal Water Maintenance Expenses		\$ (Total to	3,396,522 9 Pg. W-6)	\$ 3,494,371 (Total to Pg. W-6)	\$ (97,849) (Total to Pg. W-6)

Indicates link to another worksheet within workbook

WATER OPERATION AND MAINTENANCE EXPENSES (Con't)

Particulars (a)	Acct. No. (b)	Current Year (c)	Last Year (d)	Increase (Decrease) (e)
Transmission and Distribution Expenses				
Operation: Operation Supervision and Engineering	660	\$ 84,493	\$ 81,959	\$ 2,535
Storage Facilities Expenses	661		\$ -	\$ -
Transmission and Distribution Lines Expenses Meter Expenses	662 663	\$ 1,420,866 \$ 519,233	\$ 1,416,845 \$ 471,195	\$ 4,021 \$ 48,037
Customer Installations Expenses Miscellaneous Expenses	664 665	\$ 149,576 \$ 8,421,649	\$ 130,617 \$ 7,002,893	\$ 18,958 \$ 1,418,756
Rents	666	\$ 55,725	\$ 3,720	\$ 52,005
Total Transmission and Distribution - Operation Expenses		\$ 10,651,541	\$ 9,107,229	\$ 1,544,312
Maintenance: Maintenance Supervision and Engineering	670	\$ 61,575	\$ 74,302	\$ (12,727)
Maintenance of Structures and Improvements	671		\$ -	\$ -
Maintenance of Distribution Reservoirs and Standpipes Maintenance of transmission and Distribution Mains	672 673	\$ 16,267 \$ 2,471,094	\$ 41 \$ 2,330,731	\$ 16,227 \$ 140,363
Maintenance of Fire Mains Maintenance of Services	674 675	\$ \$ 260,949	\$ (1,150) \$ 448,503	\$ 1,150 \$ (187,554)
Maintenance of Meters	676	\$ 64,501	\$ 448,503 \$ 147,261	\$ (82,760)
Maintenance of Hydrants Maintenance of Miscellaneous Plant	677 678	\$ 304,278 \$ 3,372,136	\$ 359,906 \$ 3,484,401	\$ (55,628) \$ (112,265)
	070			
Total Transmission and Distribution - Maintenance Expenses		\$ 6,550,801	\$ 6,843,995	\$ (293,194)
Total Transmission and Distribution Expenses		\$ 17,202,342	\$ 15,951,225	\$ 1,251,117
Customer Accounts Expenses Operation:				
Supervision	901	\$ 11,403	\$ 11,721	
Meter Reading Expenses Customer Records and Collection Expenses	902 903	\$ 344,354 \$ 1,975,350	\$ 463,588 \$ 1,439,734	\$ (119,234) \$ 535,616
Uncollectible Accounts	904 905	\$ 2,166,044 \$ 248,911	\$ 2,655,179 \$ 195,831	\$ (489,135)
Miscellaneous Customer Accounts Expenses	905			
Total Customer Accounts - Operation Expenses		\$ 4,746,062	\$ 4,766,053	\$ (19,990)
Customer Service & Information Expenses Operation:				
Customer Service & Information Expenses	907	\$ 302		\$ 302
Total Customer Service & Information - Operation Expenses		\$ 302	\$ -	\$ 302
Sales Promotion Expenses Operation:				
Sales Promotion Expenses	910		\$ -	\$-
Total Sales Promotion - Operation Expenses		\$ -	\$ -	\$
Administrative and General Expenses				
Operation: Administrative and General Salaries	920	\$ 14,085,813	\$ 13,471,863	
Office Supplies and Other Expenses Administrative Expenses Transferred (Credit)	921 922	\$ 3,147,801 \$ -	\$ 2,987,460 \$ -	\$ 160,341 \$ -
Outside Services Employed	923	\$ 48,953,567	\$ 47,306,245	\$ 1,647,321
Property Insurance Injuries and Damages	924 925	\$ 6,459,927 \$ (2,551,325)	\$ 5,060,870 \$ 3,229,025	\$ 1,399,057 \$ (5,780,351)
Employee Pensions and Benefits	926	\$ 1,087,915	\$ 1,486,890	\$ (398,975)
Franchise Requirements Regulatory Commission Expenses	927 928	\$ 439,839	\$ - \$ 378,601	\$
Duplicate Charges (Credit)	929		\$ -	\$ -
Institutional or Goodwill Advertising Expenses Miscellaneous General Expenses	930.1 930.2	\$ 2,794,140	\$ - \$ 2,273,677	\$ - \$ 520,464
Research and Development Expenses Rents	930.3 931	\$ 98,954 \$ 214,432	\$ 93,162 \$ 195,821	\$ 5,792 \$ 18,611
Total Administrative and General - Operation Expenses	931	\$ 74,731,064	\$ 76,483,615	\$ (1,752,551)
Maintenance:		φ 14,101,004	φ 70,403,013	(1,702,501)
Maintenance of General Plant	932	\$ 150,624	\$ 202,558	
Total Administrative and General - Maintenance Expenses		\$ 150,624		\$ (51,933)
Total Administrative and General Expenses		\$ 74,881,688	\$ 76,686,172	\$ (1,804,484)
Subtotal Water Operation Expenses		\$ 90,128,970	\$ 90,356,897	\$ (227,927)
Subtotal Water Maintenance Expenses		\$ 6,701,425	\$ 7,046,553	\$ (345,128)
Subtotal - Water Operation Expenses (from Pg. W-5)		\$ 35,805,349	\$ 30,348,313	\$ 5,457,036
Subtotal - Water Operation Expenses (from above) Total Water Operation Expenses		\$ 90,128,970 \$ 125,934,319	\$ 90,356,897	\$ (227,927)
		(Total to Pg. F-13)	÷ 120,700,210	0,229,109
Subtotal - Water Maintenance Expenses (from Pg. W-5)		\$ 3,396,522	\$ 3,494,371	\$ (97,849)
Subtotal - Water Maintenance Expenses (from above) Total Water Maintenance Expenses		\$ 6,701,425 \$ 10,097,948	\$ 7,046,553	\$ (345,128)
		(Total to Pg. F-13)		(1.2,010)
	1			

Indicates link to another worksheet within workbook.

WATER PURCHASED FOR RESALE (ACCOUNT 602)

1. Report below the information called for concerning water purchased during the year.

Name of Vendor (a)	Associated Utilities (b)	Associated Non-Utilities (c)	Non-Associated Utilities (d)	Purchases Within State Boundaries (e)	Imports Across State Lines (f)	Point of Receipt (g)	Pressure at Point of Delivery (h)	Gallons Purchased (000 Omitted) (i)	Cost of Water Purchased (j)	Cost Per M. Gallons (k)
allaway County PWSD#1								4,791	\$ 17,485	\$ 3.6
ty of California, MO								311	\$ 9,644	\$ 31.0
ty of Excelsior Springs, MO								62,064	\$ 477,244	\$ 7.6
inton County								300	\$ 358	\$ 1.1
C Water Services C Water Services C Water Services C Water Services C Water Services C Water Services						1360 NW VIVION RD 1701 NW PLATTE RD LOT A 1701 NW PLATTE RD LOT B 3415 NW 56th STLOW WTR 5200 N Helena Ave LOT INT 6801 N M 9 HWY		18,468 1,131 N/A N/A N/A	\$ 7,813	
zark Water System, MO								7,823	\$ 41,305	\$ 5.2
ater Commissioner City of St Louis						Hog Hollow Booster Station		584,279	\$ 422,762	\$ 0.7
ay County								23,744	\$ 129,871	\$ 5.4
justments and accruals									\$ 22,863	

Indicates formula cell.

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DETAIL OF CERTAIN GENERAL EXPENSE ACCOUNTS

Report data requested for accounts as indicated. For Account 923, report total amount paid as well as amount applicable to water utility operation.

Description of Item (a)		Total Amount Paid (b)	Amount Applicable to Water Utility Ops (c)
Acct. 923, Outside Services Employed - State total cost, nature of service and name of each person who was paid for services includible in this account, \$5,000 or more:			
SEE ATTACHMENT	\$	49,231,322	\$ 48,953,567
Total Outside Services Employed (Acct. 923)	\$	49,231,322	\$ 48,953,567
Acct. 924, Property Insurance - List hereunder major classes of expenses and also state extent		.0,201,022	(Total to Pg. W-6)
to which utility is self-insured against insurable risks to its property: Premiums for Insurance Dividends Received from Insurance Companies (Credit) Amounts Credited to Acct. 261, Property Insurance Reserve Other Expenses (list major classes)	\$	6,488,508	\$ 6,459,927
Total Property Insurance (Acct. 924)	\$	6,488,508	\$ 6,459,927 (Total to Pg. W-6)
Acct. 925, Injuries and Damages - List hereunder major classes of expense. Also, state extent to which utility is self-insured against risks or injuries and damages to employees or others: Premiums for Insurance Dividend Received from Insurance Companies (Credit) Amounts Credited to Acct. 262, Injuries and Damages Reserve	\$	(2,711,820)	\$ (2,711,820)
Expenses of Investigating and Adjusting Claims Inventory Physical Write-Off Scrap	\$	160,494	\$ 160,494
	\$	160,494	\$ 160,494
Inventory Physical Write-Off Scrap	\$ \$	(2,551,325)	

DETAIL OF CERTAIN GENERAL EXPENSE ACCOUNTS

Page W-8 Attachment

Report data requested for accounts as indicated. Report total amount paid as well as amount applicable to sewer utility operation.

	Description of Item (a)	Total Amount Paid (b)	Amount Applicable to Water Utility Ops (c)
Management and Supervision Services	American Water Works Service Co	\$38,961,283	\$38,961,283
Engineering Services	Volkert Inc Hansens Tree Lawn & Lands Trekk Design Group LLC Poehlman & Prost Inc Bartlett & West Inc Midland Surveying Inc Invoices under \$5000 Accruals and Adjustments	44,000 35,700 35,084 9,400 6,500 6,500 11,894 503,156 652,234	44,000 35,700 35,084 9,400 6,500 6,500 11,494 503,556 652,234
Audit Services	Price Waterhouse Coopers LLP TRC Environmental Corp Accruals and Adjustments	556,603 8,846 (113,736) 451,713	556,603 8,846 (113,736 451,713
Lab Testing	Culligan Water Conditioning Midwest Testing Laboratory Invoices under \$5000 Accruals and Adjustments	13,535 6,895 9,572 (2,273) 27,728	13,535 5,463 (2,192 16,805
Legal Services	Brydon Swearengen & England PC K & L Gates LLP Husch Blackwell Jackson Lewis P.C. Barack Ferrazzano Kirschbaum Marjorie K Conner Attorney At Thompson Coburn LLP Barnes & Thornberg Mwh Law Group LLP Hellmich Hill & Retter LLC Jackson Lewis PC Invoices under \$5000 Accruals and Adjustments	115,627 107,000 46,580 44,909 40,400 23,640 21,752 9,487 7,525 6,955 6,197 12,851 22,058 464,979	115,627 107,000 46,580 44,909 40,400 23,640 21,752 9,487 7,525 6,955 6,197 12,851 22,058 464,979
Staffing Services	Kelley Group Inc Volkert Inc Jose H Lopez Kevin D Gunn Caleb M Jones Iron Mountain Records Man Invoices under \$5,000 Accruals and Adjustments	59,957 18,000 7,922 7,817 6,847 5,786 8,318 (16,912) 97,735	59,957 18,000 7,922 7,817 6,847 5,786 8,318 (16,912 97,735
Other Services	One Call Concepts Location Johnson Controls Security Missouri One Call System Moodys Investors Service Whitehead Brothers Painting Standard & Poors Fncl Svc Stantec Consulting Service RS Electric Corp Gonzalez Companies LLC Iron Mountain Records Man Edward J Batis & Associates	1,941,733 300,578 256,253 129,016 116,750 79,969 78,441 74,595 67,885 67,071 57,700	1,939,528 300,578 249,277 129,016 116,750 79,969 78,441 74,595 67,885 67,071 57,700

DETAIL OF CERTAIN GENERAL EXPENSE ACCOUNTS

Page W-8 Attachment

Report data requested for accounts as indicated. Report total amount paid as well as amount applicable to sewer utility operation.

Description of Item (a)	Total Amount Paid (b)	Amount Applicable to Water Utility Ops (c)
Energy Resources Inc	51,962	51,962
Athletico Physical Therapy	48,197	48,197
BSR Services Inc	46,351	46,351
Hireright LLC	42,256	39,588
Durkin Equipment Co Johnson Controls Security	37,964 30,757	37,964 30,757
Ramsay Corporation	24,500	24,500
Loellke Plumbing Inc	23,583	19,475
JCI Industries Inc	21,444	9,006
DISA Global Solutions Inc	19,600	19,600
Dinan Real Estate Advisor	18,000	18,000
Goodman Appraisal Consult	18,000	18,000
CK Power Products Corp Shryock Brothers	17,053 16,953	12,632
Ace Pipe Cleaning Inc	16,953	11,443
Missouri Machinery & Engi	16,130	1,469
Prescient Comply LLC	15,661	15,661
Diligent Board Member Ser	15,298	15,298
Nexus Group	15,000	15,000
Cintas Corporation No 2	14,972	11,349
Excel Utility Contractors	14,718	14,718
Athletico Physical Therapy	14,375	14,375
Illinois Electric Works I Goins Enterprises Inc	14,320	14,320
Fluid Equipment	13,707 11,003	13,707 11,003
Moments of Focus LLC	10,800	10,800
Vandevanter Engineering	9,874	4,753
Cintas Fire Protection	9,869	9,869
Maxim Construction Inc	9,865	9,865
O J Laughlin Plumbing Co	9,573	9,573
Hodges Farms And Dredging	9,455	9,455
Servpro Of West Kirkwood	9,450	9,450
FTC Equipment LLC Flynn Drilling Company Inc	9,055 8,950	9,055 8,950
Jose H Lopez	8,950	8,267
Canon Solutions America I	7,961	7,943
Volkert Inc	7,843	7,843
Flinn Engineering LLC	7,763	7,763
Blue Chip Exterminating I	7,361	7,361
John Jackson Plumbing LLC	7,226	7,226
Jim Taylor Inc	7,165	7,165
Haynes Equipment Co Inc Sidener Environmental Ser	7,035 6,961	6,961
Denora Water Technologies	6,870	6,870
Hansens Tree Lawn & Lands	6,700	6,700
St Joseph City	6,672	6,672
Guarantee Electrical Cons	6,289	6,289
Bommarito Construction	6,093	6,093
M Con LLC	5,764	5,764
Kelley Group Inc	5,451	5,451
Lecomb Consulting	5,267 5,078	5,267 5,078
Chris Vaught Construction Mid Mo Pumping LLC	5,078	5,078
Invoices under \$5,000	4,647,497	4,469,302
Accruals and Adjustments	(33,521)	(37,154)
	8,575,648	8,308,816
[
Total Account 923	\$49,231,322	\$48,953,567

DETAIL OF CERTAIN GENERAL EXPENSE ACCOUNTS (CON'T)

Description of Item (a)	Total Amount Paid (b)	Amount Applicable to Water Utility Ops (c)
Acct. 926, Employee Pensions and Benefits- Report total amount for utility hereunder and show credit for amounts transferred to construction or other accounts leaving the net balance in Acct. 926.		(7 705 404)
Pension Accruals or Payments to Pension Funds Pension Payments Under Unfunded Basis Employees' Benefits (ife, health, accident and hospital insurance, etc.) Expense of Educational and Recreational Activities for Employees	\$ (7,671,983 \$ 6,935,196 \$ 461,205	\$ 6,570,243
Other Expenses (list major items) 401k expenses Defined compensation and other welfare	\$ 933,740 \$ 1,048,317	
Total Employee Pensions and Benefits (Acct. 926)	\$ 1,706,474	\$ 1,087,915 (Total to Pg. W-6)

Acct. 928, Regulatory Commission Expense:

Give the particulars called for below concerning all expenses incurred during the year in connection with formal cases before regulatory commissions, or other regulatory bodies, or cases in which such a body was a party.
 Include in description the case, the name of the regulatory body and case or docket number.
 Include as expenses charged off during the year reported in Column (g) the amount of any deferred regulatory commission expenses amortized for the year.

		Expenses Incurred During Y	ear	Transferred	Charged Of	f During Year
Description of Case (a)	Assessed By Regulatory Commission (b)	Expenses of Utility (c)	Total (d)	to Miscellaneous Deferred Debits (Acct. 186) (e)	Acct. No. (f)	Amount (g)
Amortization per WR-2017-0285 Reserve 50% of WR-2020-0344 GRC		\$ 260,359	\$ 260,359 \$ 179,480			
Total Regulatory Commission Expense (Acct. 928)	\$-	\$ 439,839	\$ 439,839 (Total to Pg. W-6)	<mark>\$</mark> -		<mark>\$</mark> -
Amortization of Deferred Regulatory Commission Expenses for previous year: Total charged off during the year:						
	(a)					otal b)
Acct. 930.2, Miscellaneous General Expenses: Industry Association Dues Other Experimental & General Research Expenses Experimental & General Research Expenses Experimental & General Research Expenses Experimental & General Research Expenses Experimental & General Research Expenses Local institutional advertising expenses Directors' fees and expenses Other Expenses (list major items) Management and admin transportation Software licenses and support Community relations Conservation Penalties Misc transactional costs Acct. 922, Administrative Expenses Transferred (Credit). Please explain basis of computation of credit in space provided below. Total Administrative Expenses Transferred (Credit) (Acct. 922)					\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	378,129 187,786 6 0 1,415,690 213,252 215,353 (1,355) 384,686 2,794,140 Pg. W-6)
Total Auministrative Expenses Transiened (Cleurt) (Acct. 922)		F 1 1			(Total to	- Pg. W-6)
		Explanation				

WATER UTILITY PLANT IN SERVICE

Account Description (a)	Acct. No. (b)	B	Balance at eginning of Year (c)	Additions During the Year (d)	Retirements During the Year (e)		Balance at End of Year (f)
Intangible Plant							
Organization Franchise and Consents	301 302	\$ \$	249,500 43,698	\$ 141,082 \$ -	\$ - \$ -	\$ \$	390,582 43,698
Miscellaneous Intangible Plant	303	φ \$	1,063,741	\$ -	\$ -	\$	1,063,741
Total Intangible Plant		\$	1,356,939	\$ 141,082	\$-	\$	1,498,021
Source of Supply Plant							
Land and Land Rights	310	\$	3,131,348	\$ 541,169	\$-	\$	3,672,517
Structures and Improvements	311	\$	26,650,745	\$ 7,297,863	\$ 785,191	\$	33,163,417
Collecting and Impounding Reservoirs Lake, River, and Other Intakes	312 313	\$ \$	119,689 7,740,397	\$ 48,927 \$ 270,312	\$ - \$ -	\$	168,617 8.010,709
Wells and Springs	313	\$	11,010,031	\$ 373,218	\$ 40,170	\$	11,343,078
Infiltration Galleries and Tunnels	315	\$	1,804	\$ -	\$ -	\$	1,804
Supply Mains	316	\$	22,353,395	\$ 334,962	\$ 243	\$	22,688,113
Other Water Source Plant *	317	\$	326,913	\$ 92,154	\$-	\$	419,067
Total Source of Supply Plant		\$	71,334,322	\$ 8,958,604	\$ 825,604	\$	79,467,321
Pumping Plant							
Land and Land Rights	320	\$	472,629	\$ 48,315	\$ 1,269	\$	519,675
Structures and Improvements Boiler Plant Equipment	321 322	\$ \$	35,390,885 5,035,963	\$ 2,800,124	\$ 212,856	\$ \$	37,978,153 5,035,963
Other Power Production Equipment *	323	\$	16,128,274	\$ 106,191	\$ 603	\$	16,233,862
Steam Pumping Equipment	324	\$	234,170	\$ -	\$ 185	\$	233,985
Electric Pumping Equipment	325	\$	81,589,106	\$ 6,977,925	\$ 852,734	\$	87,714,296
Diesel Pumping Equipment	326	\$	2,447,048	\$ -	\$ -	\$	2,447,048
Hydraulic Pumping Equipment Other Pumping Equipment *	327 328	\$ \$	625,138 11,098,584	\$- \$4,420,568	\$ 16,617 \$ 189,824	\$ \$	608,521 15,329,328
Total Pumping Plant		\$	153,021,796	\$ 14,353,123	\$ 1,274,089		166,100,831
		Ψ	100,021,100	φ 14,000,120	φ 1,214,000	Ψ	100,100,001
<u>Water Treatment Plant</u> Land and Land Rights	330	\$	3.359.621	\$-	\$ -	\$	3,359,621
Structures and Improvements	331	\$	159,647,157	\$ 11,447,113	\$ 314,147	\$	170,780,123
Water Treatment Equipment	332	\$	167,510,592	\$ 13,945,664	\$ 1,827,082	\$	179,629,174
Total Water Treatment Plant		\$	330,517,369	\$ 25,392,777	\$ 2,141,229	\$	353,768,917
Transmission and Distribution Plant							
Land and Land Rights	340	\$	5,351,275	\$ 53,124	\$-	\$	5,404,400
Structures and Improvements	341	\$	13,025,118			\$	12,555,345
Distribution Reservoirs and Standpipes Transmission and Distribution Mains	342 343	\$ \$	49,179,922 1,886,912,993	\$ 9,081,039 \$ 207,666,011		\$ \$	58,161,001 2,087,035,296
Fire Mains	343	\$	620,420	\$ 207,000,011	\$ 7,543,708	\$	659,428
Services	345	\$	89,463,204	\$ 64,427,232	\$ 1,131,631	\$	152,758,805
Meters	346	\$	191,326,211			\$	226,497,007
Meter Installations Hydrants	347 348	\$ \$	40,887,412 116,535,123	\$ 13,788,045 \$ 13,811,025	\$ 183,246 \$ 931,772	\$ \$	54,492,211 129,414,376
Other Transmission and Distribution Plant	349	\$	91,457	\$ (37,444)			55,003
Total Transmission and Distribution Plant		\$	2,393,393,136	\$ 368,869,012	\$ 35,229,276	\$	2,727,032,872
<u>General Plant</u>				,.			
Land and Land Rights	389	\$	623,985	\$ 31,157	\$-	\$	655,142
Structures and Improvements	390	\$	51,550,916	\$ 11,373,789	\$ 215,472		62,709,233
Office Furniture and Equipment	391	\$	115,378,222				125,689,948
Transportation Equipment Stores Equipment	392 393	\$ \$	54,493,752 837,639	\$ 19,225,918 \$ 10,526	\$ 1,187,866 \$ 7,968	\$ \$	72,531,804 840,197
Tools, Shop and Garage Equipment	393	э \$	11,867,373	\$ 1,586,850	\$ 116,923	э \$	13,337,301
Laboratory Equipment	395	\$	2,074,818		\$ 51,740	\$	2,204,529
Power-Operated Equipment	396	\$	2,237,121	\$ 76,633	\$-	\$	2,313,754
Communication Equipment Miscellaneous Equipment	397 398	\$ \$	13,770,613		\$ 305,502 \$ 87,459		15,572,183
Other Tangible Property *	398	э \$	5,758,600 660,392		\$ 87,459	\$ \$	6,016,195 643,412
Total General Plant		\$	259,253,431	\$ 46,540,203	\$ 3,279,936	\$	302,513,698
Total Water Utility Plant In Service		\$	3,208,876,993	\$ 464,254,801	\$ 42,750,134	\$	3,630,381,660
* Please attach a detailed explanation for these items.			(Total to Pg. F-16)				(Total to Pg. F-16)
NOTE: All entries should be supported by records that identify the property being added or retirect reclassifying property from one account to another. Corrections of entries of the immediately prec							
or retirements. Please explain any items in Columns (d), (e) and/or (f) in space provided below s		itional s		accordingly,	as any are corrections of	adul	
	с⊼ріапацоп:	•					

DEPRECIATION RESERVE (i.e., Accumulated Depreciation) - WATER UTILITY PLANT

Report below the information called for concerning the Depreciation Reserve of the reporting utility at end of the year and changes during the year and explain in the space provided below any important adjustments made during the year. Show separately interest credits under a sinking fund or similar method of depreciation reserve accounting.

No

Yes

1. DO NOT use composite rate when account rates have been prescribed by the Commission.

2. Are rates shown in Column (b) below authorized by the Commission?

3. If the answer to Question No. 2 above is "yes", state whether the authorization was by Commission Order or letter.

4. State the date when authorized rates were made effective:

5. If subaccount rates are used, show computation below which was used to arrive at account rate : Computation is as follows:	shown in the	table below:											
				Addition t	o Reserve		Retirement	t of Property					
Description or Classification of Property (a)	Acct. No. (b)	Annual Depreciation Rate (c)	Balance at Beginning of Year (d)	Annual Depreciation Provision (e)	Other Credits (f)	Book Cost of Property (g)	Cost of Removal (h)	Salvage Credit (i)	Net Retirement (j)	Other Changes (k)	Balance at End of Year (I)	(m)	Amount (n)
Source of Supply Plant												Total Depreciation Expense =	
tructures and Improvements	311	1.97% \$ 0.35% \$			\$ 9,872	\$ 785,191	\$ 1,018,661	\$ 3,866	\$ 1,799,986	\$ - 5		Columns (e) and (f):	\$ 65,893,9
ollecting and Impounding Reservoirs ake, River, and Other Intakes	312 313	0.35% \$				ъ - \$ -	s -	s - s -	\$ - \$ -	\$ - S		LESS: Amounts Charged to	
/ells and Springs	313	2.52% \$			\$ 50,804	Ŷ	Ŷ	Ŷ	+	s - 5			
filtration Galleries and Tunnels	315	2.52% \$		\$ 45	\$ 00,001	\$ -	\$ -	\$ -	\$ -	\$ - S	552	olouning / loodunto.	
Supply Mains	316	1.45% \$		\$ 327,794		\$ 243	\$ 788	\$ -	\$ 1,032	\$ - 5	10,083,801	PLUS: Allocation of Department	
ther Water Source Plant	317	4.97% \$	28,673	\$ 20,064		\$ -	\$ 1,882	\$ -	\$ 1,882	\$ - 5	46,855	on Common Plant:	\$ (6,927,4
Total Source of Supply Plant		\$	19,559,854	\$ 1,451,924	\$ 60,676	\$ 825,604	\$ 1,082,700	\$ 4,230	\$ 1,904,074	\$ - 5	19,168,379		
								1				Total Water Utility Depreciation	
Pumping Plant												Expense:	\$ 58,966,5
tructures and Improvements	321	3.95% \$	10,723,919	\$ 1,437,279		\$ 214,125	\$ 147,029	\$ 60,000	\$ 301,154	\$ (59,321) \$	11,800,723		(Total to Pg. F-13
piler Plant Equipment	322	S	-			\$ -	ş -	\$ -	\$ -	\$ - 5		Total Depreciation Reserve =	
ther Power Production Equipment	323	3.05% \$		\$ 493,080		\$ 603	ş -	+	\$ 603	\$ - 5		Column (k):	\$ 584,183,8
eam Pumping Equipment	324	1.89% \$		\$ 4,425		\$ 185	\$ -		+	\$ - 5			
lectric Pumping Equipment	325	1.89% \$	25,261,535		\$ 20,609	\$ 852,734	\$ 246,027		• .,,	\$ - 5			
iesel Pumping Equipment	326 327	1.89% \$ 1.89% \$				\$ - \$ 16.617	ş -	+	\$ - \$ 16.617	\$ - 5	,	Common Plant:	
lydraulic Pumping Equipment	327	1.89% \$			\$ 1.416		\$ - \$ 779.071	÷	\$ 16,617 \$ 959,286	Ψ.		T.1.10	
ther Pumping Equipment	328	1.89% \$	(1,031,521)	\$ 227,920	\$ 1,416	\$ 189,824	\$ 779,071	\$ 9,609	\$ 959,286	\$ - 5	6 (1,761,472)	Total Depreciation Reserve Water Utility:	\$ 584,183,8
Total Pumping Plant		\$	38,836,269	\$ 3,860,347	\$ 22,025	\$ 1,274,089	\$ 1,172,127	\$ 69,609	\$ 2,376,607	\$ (59,321)	40,282,714		φ <u>304,103,0</u>
												Explanation of Items in Column (j):	
Water Treatment Plant	004	0.040/ 0	50 770 404			· · · · · · · · · · · · · · · · · · ·		-			54.040.000		
Structures and Improvements	331	2.34% \$		\$ 3,735,692		\$ 314,147			\$ 489,800		54,016,326		
Vater Treatment Equipment	332	2.18% \$	44,008,495	\$ 3,765,630		\$ 1,827,082	\$ 1,363,601	\$ 11,356	\$ 3,179,327	\$ - 5	45,254,798		
Total Water Treatment Plant		S	95,438,929	\$ 7,501,323	\$-	\$ 2,141,229	\$ 1,539,254	\$ 11,356	\$ 3,669,127	\$- \$	99,271,124		
Transmission and Distribution Plant													
tructures and Improvements	341	1.49% \$	6,080,297	\$ 193.023		\$ 29,709	\$ 997	s -	\$ 30,706	\$ 54 5	6,242,668		
Distribution Reservoirs and Standpipes	342	1.70% \$	17,921,909	\$ 901,140	\$ 14,823		\$ 354	\$ -	\$ 100,314		18,737,844		
ransmission and Distribution Mains	343	1.39% \$	279,546,908	\$ 27,417,642	\$ 137,582	\$ 7,543,708	\$ 8,554,108	\$ (20,088)	\$ 16,117,904	\$ 1,571 \$	290,985,799		
ire Mains	344	1.56% \$				\$ 796	\$ 431			\$ - 5			
Services	345	2.92% \$		\$ 3,340,890	\$ 147,280	φ 1,101,001	\$ 858,606		\$ 1,990,237				
Meters	346	2.40% \$		\$ 4,881,357			\$ 3,674,444		\$ 28,753,883				
Neter Installations	347	2.40% \$		\$ 1,128,942		\$ 183,246	\$ 196,545		\$ 379,790	\$ - 5			
lydrants	348	1.85% \$		\$ 2,245,269	\$ 13,556		\$ 1,136,183		\$ 2,047,779			1	
Other Transmission and Distribution Plant	349	2.96% \$	14,758	\$ 2,617		\$ (990)	\$-	\$ -	\$ (990)	\$ - 5	18,365		
Total Transmission and Distribution Plant		S	350,830,215	\$ 40,120,775	\$ 313,241	\$ 35,241,890	\$ 14,421,667	\$ 242,708	\$ 49,420,849	\$ 14,709	341,858,090		
General Plant													
tructures and Improvements	390	3.03% \$	5.800.422	\$ 1,526,692		\$ 215.472	\$ 228,409	\$ 1,189	\$ 442,692	\$ 3 5	6.884.424		
ffice Furniture and Equipment	391	7.63% \$		\$ 7,558,944		\$ 1,294,392	\$ 10,222			\$ (12,615)			
ransportation Equipment	392	3.52% \$	14,559,609	\$ 1,655,268		\$ 1,187,866				\$ - 5			
tores Equipment	393	3.88% \$	(33,121)	\$ 32,624		\$ 7,968	\$ -	\$ -	\$ 7,968	\$ - 5	6 (8,465)		
pols, Shop and Garage Equipment	394	3.73% \$				\$ 116,923	\$ 33,593		\$ 150,516	\$ - 5			
aboratory Equipment	395	3.90% \$				\$ 51,740	\$ 3,649		\$ 55,389	\$ - 5			
ower-Operated Equipment	396	3.79% \$		\$ 58,850		\$-	\$ 2,646	\$ -	\$ 2,646	\$ - 5			
communication Equipment	397	5.89% \$		\$ 807,141			\$ 201,640		\$ 507,142	\$ - 5			
liscellaneous Equipment	398	6.48% \$		\$ 373,795		\$ 66,773			\$ 83,537	\$ - 5			
ther Tangible Property	399	2.43% \$	193,480	\$ 7,103	\$ 3,573	\$-	\$ 858	\$ -	\$ 858	\$ - 5	203,298	1	
		s	74 212 208	\$ 12,560,105	\$ 3,573	\$ 3,246,636	\$ 497,782	\$ 584,681	\$ 3,159,736	\$ (12,612) \$	83,603,538	-	
Total General Plant													
										\$ (57.004)	584 102 040		
Total General Plant otal Water Utility Plant In Service		s		\$ 65,494,474		\$ 42,729,448			\$ 60,530,393		584,183,846 (Total to Pg. F-16)		

Indicates formula cell.

Company

Missouri-Am

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
	(b)	(0)	(d)	(e)	(1)
RESERVOIRS	G		1	1	
1. Identification Number, Name, or description or each	None				
 Elevation or relief Use (source of supply or clear water) 					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	93 September Street				
11. Material (steel, wood, concrete, etc.)	WELDED STEEL				
12. Height of water column	109 FEET				
13. Diameter of tank	15 FEET				
14. Height of tank	114 FEET				
15. Elevation of inlet above pumping station	50 FEET (diffuser) 110 FEET (inlet)				
16. Distance from pumping station	30 FEET				
17. Capacity of each in gallons	150,000				
PRESSURE TANKS			1	1	
18. Identification number or description	None				
19. Material	None				
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any	None				
24. Function of plant-filter, soften, etc. 25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
 Capacity of beds - gallons per day (per bed) Mixing units, type 					
35. Mixing units, type 36. Dimensions			ł	1	
37. Flocculators, type				1	
38. Dimensions					
39. Disinfection - Is water disinfected?	Yes				
40. Agent used (liquid, chlorine, etc.)	Sodium Hypochlorite 12.5%				
41. Chlorinating equipment:	Chemical feed pump				
42. Manufacturer	Watson-Marlow				
43. Type	Positive Displacement				
44. Points of application 45. Pounds per million gallons	Inflow pipe to standpipe				
45. Pounds per million gallons 46. Pressure filters			1		
47. Type of each			1	1	
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant			ļ	Į	
54. How frequently is an analysis of water made?	Daily monitoring for CL2 and Turbidity				

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(C)	(d)	(e)	(f)
RESERVOIRS					
1. Identification Number, Name, or description or each	NA				
 Elevation or relief Use (source of supply or clear water) 					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station					
7. Distance from pumping station					
 8. Total capacity in gallons 9. Inside dimensions 					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each					
11. Material (steel, wood, concrete, etc.)	STEEL				
12. Height of water column	93 FEET				
13. Diameter of tank 14. Height of tank	29.5 FEET 100 FEET				
15. Elevation of inlet above pumping station	100 FEET 182 FEET				
16. Distance from pumping station	1 MILES				
17. Capacity of each in gallons	100,000				
PRESSURE TANKS					
18. Identification number or description	NA				
19. Material					
20. Length of tank					
21. Diameter of tank 22. Capacity in gallons					
22. Capacity in gallons					
PURIFICATION SYSTEMS		1	Γ	ſ	Γ
23. Describe pretreatment, if any	AERATION/CHEMICAL MIX				
24. Function of plant-filter, soften, etc.	FILTER				
25. Aerators, type	FORCED AIR				
26. Sedimentation	YES				
27. Dimension of each settling basin 28. Kind of coagulant	14' X30' 45% SODIUM ALUMINUMATE				
29. Pounds per million gallons	15				
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
 Surface dimensions Capacity of beds - gallons per day (per bed) 					
35. Mixing units, type	CHEMICAL FEEDERS				
36. Dimensions	50 GAL				
37. Flocculators, type					
38. Dimensions	VES				
 Sterilization - Is water sterilized? Agent used (liquid, chlorine, etc.) 	YES CHLORINE				
40. Agent used (inquia, chionne, etc.) 41. Chlorinating equipment:	2 UNITS				
42. Manufacturer	WALLACE & TIERNAN				
43. Туре	SK-10				
44. Points of application	CENTER OF BASIN/HI SVC PUMP WELL				
44. Points of application 45. Pounds per million gallons	41				
46. Pressure filters	4				
47. Type of each	SAND/GRAVEL MEDIA				
48. Capacity of each	.108 MGD				
49. Hardness of water treated	293 - >300 CALCIUM HYDROXIDE (Vertical Kiln				
50. Corrosion control, chemical agent	LIME). POLYPHOSPHATE				
51. Pound per million gallons	Lime-1241, Polyphosphate-7.2				
52. Type of feeders (dry or slurry)	SLURRY				
53. Total H.P. of all motors used in plant					
	CI2-TURB,PH CONTINUOUS, DAILY WATER QUALITY, 5 BAC-T'S				
54. How frequently is an analysis of water made?	MONTHLY				
			1		1

	PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
1. Berlinstein Number, Name, or description or each Image: Construction of the struction of the struct	RESERVOIRS					
9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 9. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 10. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 10. logicard of supply or derivative Image: control of supply or derivative Image: control of supply or derivative 10. logicard or derivative Image: control of supply or derivative Image: control of supply or derivative 10. logicard or derivative Image: control of supply or derivative Image: control of supply or derivative 10. logicard or	1. Identification Number, Name, or description or each					
A (and eighther or makony) Control or optimizing Image of manufactor age of manufactor Image of manufactor Image of manufactor Image of manufactor Image of manufactor Image of manufactor Image of manufactor Image of manufactor Image of manufactor						
Control or open Control or open	Use (source of supply or clear water) Kind (earthen or masonny)					
B. Status daves pumping station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image: Company Station Image	5. Covered or open					
B. Tack cipacity in galons Image I	Elevated above pumping station					
9. halde dimensions	7. Distance from pumping station					
10. destification Number or description of each 11. Matrial (description of each 12. Matrial (description of each 13. Description of each 14. Description of each 15. Description of each 16. Description of each 16. Description of each 16. Description of each 16. Description of each 16. Description of each 17. Capacity of each in galons Pressure taxks Pressure taxks Network of each in galons Description Pressure taxks Pressure taxks Network of each Pressure taxks Pressure taxks						
10. Identification Number or description of each 11. Marinal itselw, wood, contret, etc.) 12. Margh of water ordnum 13. Margh of tark 13. Elevation of hist above pumping station 13. Elevation of hist above pumping station 15. Elevation of hist above pumping station 16. Distance from pumping station 17. Capacity of each in galons 18. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 10. Distance from supping station 10. Martin distance pumping station 10. Distance from supping station 10. Martin distance pumping station 10. Distance from supping station 10. Distance from supping station <						
10. Identification Number or description of each 11. Marinal itselw, wood, contret, etc.) 12. Margh of water ordnum 13. Margh of tark 13. Elevation of hist above pumping station 13. Elevation of hist above pumping station 15. Elevation of hist above pumping station 16. Distance from pumping station 17. Capacity of each in galons 18. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 19. Martin distance pumping station 10. Distance from supping station 10. Martin distance pumping station 10. Distance from supping station 10. Martin distance pumping station 10. Distance from supping station 10. Distance from supping station <						
11. Metarial (steel, wood, concrete, etc.) Steel Image: Concrete, etc.) Image: Concrete, etc.) 13. Departed wet excluming station Tot Image: Concrete, etc.) Image: Concrete, etc.) 14. Height of tank Tot Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 14. Height of tank Tot Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 15. Einstein of tank Tot Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 16. Heintig dister of tank Tot Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 17. Capacity of each in gallons Tot Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) PERSURE TANKS 18. Metarial (tack) Image: Concrete, etc.) Image: Concrete, etc.	STANDPIPES OR ELEVATED TANKS					
11. Metrial (steal, wood, concrete, etc.) Steal Image: Concrete, etc.) Image: Concrete, etc.) 12. Height of water column Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 13. Demoter of tank Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 14. Height of tank Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 14. Height of tank Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 15. Develop of each in galons Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) PRESURE TANKS 18. Identification number of description Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 19. Material etc. Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 20. Describe proteome frame. Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 23. Describe proteome frame. Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) Image: Concrete, etc.) 23. Describe proteome frame. Image: Concrete, etc.) Image: Concrete, etc.)	0. Identification Number or description of each					
13. Diameter of tank 16" Image: Constraint of tank Image: Constraint of tank 14. Height of tank 120" Image: Constraint of tank Image: Constraint of tank 15. Distance for mynning station 2" Image: Constraint of tank Image: Constraint of tank 15. Distance for mynning station 2" Image: Constraint of tank Image: Constraint of tank 17. Capacity of each in gallons 175.000 Image: Constraint of tank Image: Constraint of tank PRESSURE TANKS Image: Constraint of tank age	11. Material (steel, wood, concrete, etc.)	Steel				
14. Height of tank 120" I		<u>ci</u>				
15. Elivation of inlet above pumping station 2' Image: Constraint of the cons	3. Diameter of tank					
16. Distance from pumping station 20° Image: Constraint of the state of th	15. Elevation of inlet above pumping station 2	20				
PRESSURE TANKS 18. Identification number or description 19. Material 20. Length of tank 21. Diameter of tank 22. Capacity in gallons PURFICATION SYSTEMS 23. Describe prefreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerations, type 26. Aeration - statution 27. Dimension of administration 28. Softimentation 29. Softimentation 20. Softimentation 20. Softimentation 21. Dimension of administration 23. Softimentation 24. Function of plant-filter, soften, etc. 25. Aerations, type 26. Softimentation 27. Dimension of administration 28. Softimentation 29. Dimension of administration 20. Softimentation 20. So	16. Distance from pumping station 2					
18. identification number or description Image: Second	7. Capacity of each in gallons	75,000				
18. identification number or description Image: Constraint of tank Image: Constraint of tank 19. Material Image: Constraint of tank Image: Constraint of tank 21. Capacity in gallons Image: Constraint of tank Image: Constraint of tank 23. Describe pretreatment, if any Image: Constraint of tank Image: Constraint of tank 23. Describe pretreatment, if any Image: Constraint of tank Image: Constraint of tank 24. Function of plant-filter, softe, etc. Image: Constraint of tank Image: Constraint of tank 25. Secribe pretreatment if any Image: Constraint of tank Image: Constraint of tank 25. Secribe pretreatment if any Image: Constraint of tank Image: Constraint of tank 26. Secribe pretreatment if any Image: Constraint of tank Image: Constraint of tank 26. Secribe pretreatment if any Image: Constraint of tank Image: Constraint of tank 27. Dimension of each settling basin Image: Constraint of tank Image: Constraint of tank 29. Pounds per million gallons Image: Constraint of tank Image: Constraint of tank 20. Constraint or sold Image: Constraint of tank Image: Constraint of tank 30. Sand filterion - slow or rapid Image: Constraint of tank Image: Co						
19. Material	PRESSURE LANKS			ſ		ſ
19. Material	8. Identification number or description					
1: Diameter of tank	19. Material					
22. Capacity in gallons Image: Capacity in gallons Image: Capacity in gallons PURIFICATION SYSTEMS Well #1 Well #2 Image: Capacity in gallons Mell #1 Well #2 Image: Capacity in gallons Mell #1 Well #2 Image: Capacity in gallons Capacity in gallons Mell #1 Well #2 Image: Capacity in gallons Capacity in gallons Capacity in gallons Capacity in gallons Capacity in gallons Capacity in gallons Capacity of beds Capacity of beds	.0. Length of tank					
Weil#1 Weil#2 Image: Constraint of the systems 25. Describe pretreatment, if any (24. Function of plant-filter, soften, etc. Image: Constraint of the systems Image: Constraint of the systems 26. Sedimentation (25. Sedimentation (26. Sedimentation (27. Dimension of each setting basin (27. Dimension of each setting basin (27. Dimension of each setting basin (27. Dimension of each setting basin (28. Kind of coagulant (29. Pounds per million gallons (20. Sund filtration - slow or rapid (20. Open or covered) (20. Open or c						
Well #1Well #2Income of plant-filter, soften, etc.23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc.Image: mail of the soften, etc.24. Function of plant-filter, soften, etc.Image: mail of the soften, etc.25. Aerators, typeImage: mail of the soften, etc.26. SedimentationImage: mail of the soften, etc.27. Dimension of each settling basinImage: mail of the soften, etc.28. Kind of coagulantImage: mail of the soften, etc.29. Pounds per million gallonsImage: mail of the soften, etc.30. Sand filtration - slow or rapidImage: mail of the soften, etc.31. Number of bedsImage: mail of the soften, etc.32. Open or coveredImage: mail of the soften, etc.33. Surface dimensionsImage: mail of the soften, etc.34. Capacity of beds - gallons per day (per bed)Image: mail of the soften, etc.35. Mixing units, typeImage: mail of the soften, etc.36. DimensionsImage: mail of the soften, etc.37. DimensionsImage: mail of the soften, etc. <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Well #1Well #2Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.24. Function of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.25. Aerators, typeIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.26. SedimentationIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.26. SedimentationIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.27. Dimension of each setting basinIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.28. Kind of coagulantIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.29. Pounds per million gallonsIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, soften, etc.30. Sand filteration - slow or rapidIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, etc.31. Number of bedsIncome of plant-filter, soften, etc.Income of plant-filter, soften, etc.Income of plant-filter, etc.32. Surface dimensionsIncome of plant-filter, etc.Income of plant-filter, etc.Income of plant-filter, etc.34. Capacity of beds - gallons per day (per bed)Income of plant-filter, etc.Income of plant-filter, etc.Income of plant-filter						
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24. Function of plant-filter, soften, etc.Image: constraint of plant-filter, soften, etc.Image: constraint of plant-filter, soften, etc.25. Aerators, typeImage: constraint of plant-filter, soften, etc.Image: constraint of plant-filter, soften, etc.26. SedimentationImage: constraint of plant-filter, soften, etc.Image: constraint of plant-filter, soften, etc.27. Dimension of each settling basinImage: constraint of plant		Vell #1	Well #2			
25. Aerators, type Include Inc	.3. Describe pretreatment, if any					
26. Sedimentation Indensity Indensity Indensity Indensity 27. Dimension of each settling basin Indensity Indensity Indensity Indensity 28. Kind of coagulant Indensity Indensity Indensity Indensity Indensity 29. Pounds per million gallons Indensity Indensity Indensity Indensity Indensity 30. Sand filtration - slow or rapid Indensity Indensity Indensity Indensity Indensity 31. Number of beds Indensity Indensity Indensity Indensity Indensity Indensity 32. Surface dimensions Indensity Indensity Indensity Indensity Indensity Indensity 34. Capacity of beds - gallons per day (per bed) Indensity Indensity Indensity Indensity Indensity 36. Dimensions Indensity Indensity Indensity Indensity Indensity Indensity 36. Dimensions Indensity Indensity Indensity Indensity Indensity Indensity 36. Dimensions Indensity Indensity Indensity Inden						
28. Kind of coagulant Image: Constraint of Coagulant Image: Constraint of Coagulant Image: Constraint of Coagulant 29. Pounds per million gallons Image: Constraint of Coagulant Image: Constraint of Coagulant Image: Constraint of Coagulant Image: Constraint of Coagulant 30. Sand filtration - slow or rapid Image: Constraint of Coagulant Image: Coagulant	26. Sedimentation					
29. Pounds per million gallons Image: million gallons Image: million gallons 30. Sand filtration - slow or rapid Image: million gallons Image: million gallons 31. Number of beds Image: million gallons Image: million gallons Image: million gallons 32. Open or covered Image: million gallons gallons Image: million gallons Image: million gallons 33. Surface dimensions Image: million gallons per day (per bed) Image: million gallons per day (per bed) Image: million gallons 36. Dimensions Image: million gallons Image: million gallons Image: million gallons Image: million gallons 36. Dimensions Image: million gallons Image: million gallons Image: million gallons Image: million gallons						
30. Sand filtration - slow or rapid Image: marked state Image: ma	28. Kind of coagulant					
31. Number of beds Image: Constraint of the sector of	30. Sand filtration - slow or rapid					
33. Surface dimensions Image: Comparison of the sector of th	31. Number of beds					
34. Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds - gallons per day (per bed) Image: Capacity of beds per day (per bed) Image: Capacity of bed per day (per bed) Image: Capacity of bed per day (per day (per bed) Image: Capacity of bed per day (per						
35. Mixing units, type	-3. Surrace unrensions 34. Capacity of beds - gallons per day (per bed)					
36. Dimensions	35. Mixing units, type					
27 Electricitation and	36. Dimensions					
37. Flocculators, type	37. Flocculators, type					
38. Jumensions 39. Sterilization - Is water sterilized? yes, disinfection yes, disinfection		res, disinfection	ves, disinfection			
40. Agent used (liquid, chlorine, etc.) liquid chlorine liquid chlorine	10. Agent used (liquid, chlorine, etc.)		liquid chlorine			
41. Chlorinating equipment:	1. Chlorinating equipment:	24	0			
42. Manufacturer Stenner Stenner 43. Type Chemical Injection Feed pump Chemical Injection Feed pump						
44. Points of application well head well head	14. Points of application w					
45. Pounds per million gallons	 Pounds per million gallons 					
46. Pressure filters 47. Type of each	.6. Pressure filters					
4/. 1ype or each	48. Capacity of each					
49. Hardness of water treated	19. Hardness of water treated					
50. Corrosion control, chemical agent						
51. Pound per million gallons 52. Type of feeders (dry or slurry)	1. Pound per million gallons					
52. Type of reeders (ory or sturry) 53. Total H.P. of all motors used in plant	53. Total H.P. of all motors used in plant					
St. How frequently is an analysis of water made?	.4. How frequently is an analysis of water made?					

Eureka District

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)	UNIT (g)	UNIT (h)
RESERVOIRS							
Identification Number, Name, or description or each	None						
Elevation or relief							
Use (source of supply or clear water)							
Kind (earthen or masonry)							
Covered or open							
Elevated above pumping station							
Distance from pumping station							
Total capacity in gallons							
Inside dimensions							
STANDPIPES OR ELEVATED TANKS							
Identification Number or description of each	Arbors Tank	Forby Tank	Legends Tank	Neihoff Tank	Brock Tank	Old Viola Tank	New Viola Tank
Material (steel, wood, concrete, etc.)	Steel	Steel	Steel	Steel	Steel	Steel	Steel
Height of water column	649	645	648	651	646	647	647
Diameter of tank	69 Feet	46 Feet	47 Feet	37 Feet	46 Feet	33 Feet	52 Feet
Height of tank	20 Feet	40 Feet	40 Feet	60 Feet	40 Feet	32 Feet	32 Feet
Elevation of inlet above pumping station	629	605	608	606	606	615	615
Distance from pumping station	50 Feet	50 Feet	50 Feet	25 Feet	50 Feet	50 Feet	50 Feet
Capacity of each in gallons	500,000	500,000	500,000	500,000	500,000	250,000	500,000
PRESSURE TANKS							
Identification number or description	None						
Vaterial	INUIG			-		1	+
ength of tank							
Diameter of tank							-
Capacity in gallons							
PURIFICATION SYSTEMS	TAT JE HA	Well-WC Devel Devle	Well-Wood a second			Mallilla Marahas	
Describe pretreatment, if any	Well #1 - Howerton None	Well #5 - Drewel Park None	Well #6 - Legends None	Well #8 - Viola None	Well #9 - Arbors None	Well #10 - West Main None	
			Ion Exchange Softener	Ion Exchange Softener	Ion Exchange Softener	Ion Exchange Softener	
unction of plant-filter soften etc	Ion Exchange Softener						
unction of plant-filter, soften, etc.	Ion Exchange Softener	Ion Exchange Softener					
unction of plant-filter, soften, etc. erators, type	None	None	None	None	None	None	
unction of plant-filter, soften, etc. erators, type edimentation	None None	None None	None None	None None	None None	None None	
unction of plant-filter, soften, etc. erators, type edimentation mension of each settling basin	None None None	None None None	None None None	None None None	None None None	None None None	
unction of plant-filter, soften, etc. rators, type dimentation mension of each settling basin nd of coagulant	None None None None	None None None None	None None None None	None None None None	None None None None	None None None None	
Inction of plant-filter, soften, etc. srators, type dimentation mension of each settling basin nd of coagulant unds per million gallons	None None None None None	None None None None None	None None None None None	None None None None None	None None None None None	None None None None None	
unction of plant-filter, soften, etc. ardions, type sdimentation mension of each settling basin nd of coagulant unds per million gallons and filtration - solw or rapid	None None None None None None	None None None None None None	None None None None None None	None None None None None None	None None None None None None	None None None None None None	
unction of plant-filter, softein, etc. srators, type dimentation mension of each settling basin nd of coagulant ounds per million gallons and filtration - slow or rapid umber of bads	None None None None None None None	None None None None None None None	None None None None None None None	None None None None None None None	None None None None None None None	None None None None None None None	
unction of plant-filter, soften, etc. arators, type sidmentation mension of each settling basin nd of coagulant unds per million gailons and filtration - slow or rapid umber of beds pen or covered	None None None None None None None None	None None None None None None None None	None None None None None None None None	None None None None None None None None	None None None None None None None None	None None None None None None None None	
unction of plant-filter, softein, etc. erators, type adimentation adimentation ad of coagulant bunds per million gallons and filtration - slow or rapid umber of beds pen or covered trace dimensions	None None None None None None None None None None None None	None None None None None None None None None None None None	None None None None None None None None None None	None None None None None None None None None None	None None None None None None None None	None None None None None None None None None None None None None None	
unction of plant-filter, soften, etc. arators, type admentation imension of each settling basin nd of coagulant Junds per million gallons and filtration - salow or rapid umber of beds pen or covered urface dimensions apacity of beds - gallons per day (per bed)	None None None None None None None None	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None	None None None None None None None None	None None None None None None None None	
unction of plant-filter, softein, etc. arators, type dimentation ind of coagulant bunds per million gailons and filtration - salow or rapid umber of beds pen or covered inface dimensions apacity of beds - gailons per day (per bed) king units, type	None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None	None None None None None None None None	None None None None None None None None	
Inction of plant-filter, soften, etc. rators, type edimentation mension of each settling basin nd of coagulant unds per million gallons undber of beds en or covered Irface dimensions apacity of beds - gallons per day (per bed) xing units, type mensions	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None None None	None None	None None None None None None None None None None None None None None None None None None None	None None None None None None None None	None None None None None None None None None None None None None None None None None None None None	
Inction of plant-filter, softein, etc. srators, type sdimentation mension of each settling basin hof or cagulant bunds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions spacily of beds - gallons per day (per bed) sing units, type mensions occulators, type	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None	None None None None None None None None None None None None None None None None None None None	
unction of plant-filter, soften, etc. arators, type admentation imension of each settling basin nd of coagulant bounds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apacity of beds- gallons per day (per bed) king units, type mensions occulators, type mensions	None None None None None None None None None None None None None None None None None None None None	None None	None None	None None	None None	None None	
Inction of plant-filter, soften, etc. ardiors, type admentation mension of each settling basin nd of coagulant ounds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apacity of beds - gallons per day (per bed) txing units, type mensions occulators, type mensions	None None	None None	None Yes	None None	None None	None None	
Inction of plant-filter, soften, etc. rations, type admentation mension of each settling basin nd of coagulant unde per million gallons and filtration - slow or rapid umber of beds per or covered under of dimensions apacity of beds- gallons per day (per bed) bing unts, type mensions occulators, type mensions per used (quic), choirne, etc.)	None Yes 12.5% Sodium Hypo Sol.	None Yes 12.5% Sodium Hypo Sol.	None None	None None	None None	None None	
unction of plant-filter, soften, etc. erators, type edimentation imension of each settling basin nd of coagujant ounds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apachy of beds - gallons per day (per bed) king unts, type imensions occulators, type imensions effuziation - Is water sterilized? gent used (liquid, chlorine, etc.) hoinrating equipment:	None None	None None	None Yes	None None	None None	None None	
unction of plant-filter, soften, etc. arators, type admentation imension of each settling basin and of coagulant junds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apacity of beds- gallons per day (per bed) by thing units, type imensions occulators, type imensions emilization - ls water sterilized? ent used (fiquid, chlorine, etc.) hoinnating equipment: anufacturer	None None None None None None None None	None Purp & Sodium Hypo Sol. Purp & Drum Scale LMI & Scaletron	None Pore Yes Pump & Drum Scale LMI & Scaletron	None None None None None None None None None None None None None None None Pone None None None Puse 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron	None None None None None None None None None None None None None None None None None None None Purg & Sodium Hypo Sol. Purg & Drum Scale LM & Scaletron	None None	
Inction of plant-filter, soften, etc. rations, type admentation imension of each settling basin nd of coagulant undes per million and filtration - slow or rapid umber of beds and filtration - slow or rapid umber of beds apachy of beds- gallons per day (per bed) wing units, type mensions occulators, type mensions per tused (fugid, choirine, etc.) hoirinating equipment: anufacturer	None Mark Value Value Value Value Value Value None	None None	None None	None None None None None None None None	None Utage: L2.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaleron Metering Pump & Insertion Tube	None None	1000
unction of plant-filter, soften, etc. arators, type admentation imension of each settling basin of coagulant bunds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apacity of beds - gallons per day (per bed) bitring units, type mensions occulators, type mensions terilization - Is water sterilized? per Used (liquid, chlorine, etc.) hoinating equipment: anufacturer pe pits of application	None Vers Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Wetering Pump & Insertion Tube Wet House Effluent	None None	None Wolf House Effluent	None Work Grum Scale LMI & Scaletron Metring Pump & Insertion Tube Well House Effuent	None None	None None	e
Inction of plant-filter, soften, etc. rations, type admentation imension of each settling basin nd of coagulant unds per million galons and filtration - slow or rapid umber of beds per or covered furbace dimensions apacity of beds- gallons per day (per bed) wing units, type mensions apacity of beds- gallons per day (per bed) wing units, type mensions per or sourced per or sourced per used (fugic, chorine, etc.) horinating equipment: anufacturer pe pe	None None None None None None None None None None None None None None None None None None None Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 12.PPM	None Weil Buys Effluent 12 PPM	None None	None None None None None None None None	None None	None Noscaleton Metering	
unction of plant-filter, soften, etc. arators, type admentation imension of each settling basin and of coagulant of coagulant sunds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apacity of beds - gallons per day (per bed) king units, type mensions coculators, type mensions settizzation - is water sterilized? gent used (liquid, chlorine, etc.) hisrhating equipment: anufacturer pe pints of application sunds per million gallons essure filters	None None None None None None None None None None None None None None None None None None None Vest Yes Yes Yes Vest Vest None Wel House Effuent 1.2 PPM Muent None	None Ves 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Weil House Effluent 1.2 PPM None	None None None None None None None None None None None None None None None None None None None Pump & Grum Scale LMI & Scaleton Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None	None None None None None None None None	None Weit Hous Effleent 12 PPM None	None Ves 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaleton Metering Pump & Insertion Tut Well House Effluent 1.2 PPM None	ee
unction of plant-filter, soften, etc. erators, type edimentation imension of each settling basin ind of coagulant ounds per million gallons and filtration - slow or rapid umber of bads pen or covered apachy of beds - gallons per day (per bed) king units, type imensions apachy of beds - gallons per day (per bed) king units, type imensions benesities, type imensions gent used (liquid, choine, etc.) hoinitating equipment: lanufacturer ype oints of application ounds per million gallons ressure filters ype of each	None None None None None None None None None None None None None None None None None Yes 12.5% Sodium Hypo Sol. Pump & Drum Sale LMI & Scaleton Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None	None UH & Scaleron Metering Pump & Insertion Tube Wel House Effluent 1.2 PPM None None None	None Util & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None	None None None None None None None None None None None None None None None None None Unin & Courter Sodum Hypo Sol. Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None	None UH & Scaleton Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None	None UH & Scaleton Metering Pump & Insertion Tut Well House Effluent 1.2 PPM None None	e
unction of plant-filter, soften, etc. erators, type edimentation imension of each settling basin ind of coagulant ounds per million gallons and filtration - slow or rapid umber of beds pen or covered urface dimensions apachy of beds - gallons per day (per bed) kting units, type imensions apachy of beds - gallons per day (per bed) kting units, type imensions coculators, type imensions terilization - is water sterilized? gent used (liquid, chlorine, etc.) hiorinating equipment: anufacturer ype onists of application ounds per million gallons ressure filters ype of each	None None None None None None None None None None None None None None None None None None None Vest Yes Yes Yes Vest House Effluent 1.2 PPM None None None None None	None Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None None	None None None None None None None None None None None None None None None None None None None Pump & Grum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None None None None	None None None None None None None None	None Metring Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None None None	None Mathing Acatetron Metring Pump & Insertion Tut Well House Effluent 1.2 PPM None None None	e
Inction of plant-filter, soften, etc. arators, type admentation imension of each settling basin nd of coagulant unds per million gallons and filtration - slow or rapid umber of beds pen or covered furface dimensions apacity of beds - gallons per day (per bed) king units, type mensions coculators, type mensions per used (fucit, chiorine, etc.) hoinnating equipment: anufacturer pe pe pe of each apackty of each apackty of each	None None None None None None None None None None None None None None None None None None Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None 332 MG/L (Raw)	None Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Wei House Effluent 1.2 PPM None	None Pump & Drum Scole LM & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None	None None	None Matering Pump & Insertion Tube Weil House Effluent 1.2 PPM None	None Mose Effluent 1.2 PPM None None None None None None None None None	
unction of plant-filter, soften, etc. erators, type edimentation imension of each settling basin ind of coagulant undes per million gallons and filtration - slow or rapid urface dimensions apachty of beds: gallons per day (per bed) txing untis, type imensions apachy of beds: gallons per day (per bed) txing untis, type imensions occutators, type imensions per used (fuguid, chorine, etc.) hoirnating equipment: anufacturer ype onists of application ounds per million gallons ensure filters per of each apachy of each ardness of water treated orrosino.control, chemical agent	None None None None None None None None None None None None None None None None None None Vase Vase Verges Verges Verges Verges Verges Verges Verges Verges Verges None None None None None None None Sa2 MGL (Raw) SeaQuest - Blended Phosphate	None Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Weil House Effluent 1.2 PPM None None	None Pump & Grum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None None SeaQuest - Blended Phosphate	None None None None None None None None None None None None None None None None None None None Work Ves 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Well House Effuent 1.2 PPM None None None None None SeaQuest - Biended Phosphate	None Pump & Drum Scale LMf & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None	None Pump & Drum Scale LM & Scaletron Metring Pump & Insertion Tut Well House Effluent None	
Inction of plant-filter, soften, etc. rators, type admentation mension of each settling basin nd of coagulant unds per million gallons sund filtration - slow or rapid imber of bads pen or covered trace dimensions apacity of beds - gallons per day (per bed) wing units, type mensions socculators, type mensions per fuesd (filter) per fuesd (filter) per fuesd (filter) pe of each apackty of each archess of water treated prosing control, chemical agent und per million gallons	None None None None None None None None None None None None None None None None None None Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Well House Effluent 1.2 PPM None None None None None SaaQuest - Blended Phosphate .25 PPM	None Metring Purg & Insertion Tube Well House Effluent 12 PPM None None None None None None None SeaQuest - Blended Phosphate 25 PPM	None None None None None None None None None None None None None None None None None None None Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Weil House Effluent 1.2 PPM None None None None None None None Sa2 MG/L (Raw) SeaQuest - Blended Phosphate 25 PPM	None None None None None None None None None None None None None None None None Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None Scaluest - Blended Phosphate Sa2 Moduest - Blended Phosphate 25 PPM	None None	None None	
iunction of plant-filter, soften, etc. verators, type verators, type verators, type vorads per million galons and filtration - siow or rapid umber of beds gand filtration - siow or rapid umber of beds pen or covered jurface dimensions apacity of beds - galons per day (per bed) tiking units, type jurensions Jeancity of beds - galons per day (per bed) tiking units, type jionersions, type jionersions Jeancity of beds jean used (iquid, chlorine, etc.) Shorimating equipment: Anaufacturer jione jones of application rounds per million galons tressure filters japacity of each tardness of water treated Jornsion control, chemical agent Vound per million galons type of feeders (dy or surry)	None None None None None None None None None None None None None None None None None Vase Vase Vase Vase Vase Vase None None Metering Pump & Insertion Tube Well House Efficient 1.2 PPM None None None None SaaQuest - Biended Phosphate .25 PPM Liquid	None Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LM & Scaletron Metering Pump & Insertion Tube Weil House Effluent None None None None None None None SeaQuest - Blended Phosphate 25 PPM Liquid	None Pump & Grum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None None SeaQuest - Blended Phosphate	None Wes Jump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None SeaQuest - Biended Phosphate .25 PPM Liquid	None Pump & Drum Scale LM & Scaletron Metring Pump & Insertion Tube Weil House Effluent 1.2 FPM None None	None Metring Pump & Insertion Tut Weil House Effluent 1.2 PPM None None	8
unction of plant-filter, soften, etc. verators, type verators, type verators, type vorunds per million galons sand filtration - slow or rapid turnber of beds plan or covered plan or covered plan or covered plant or the start plant of the sta	None None None None None None None None None None None None None None None None None None Yes 12.5% Sodium Hypo Sol. Pump & Drum Scale LMI & Scaletron Well House Effluent 1.2 PPM None None None None None SaaQuest - Blended Phosphate .25 PPM	None Metring Purg & Insertion Tube Well House Effluent 12 PPM None None None None None None None SeaQuest - Blended Phosphate 25 PPM	None Pump & Orum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None SeaQuest - Blended Phosphate .25 PPM Liquid	None None None None None None None None None None None None None None None None Pump & Drum Scale LMI & Scaletron Metering Pump & Insertion Tube Well House Effluent 1.2 PPM None None None None Scaluest - Blended Phosphate Sa2 Moduest - Blended Phosphate 25 PPM	None None	None None	8

PARTICULARS (a)	UNIT (b)	UNIT	UNIT (d)	UNIT	UNIT (f)
	(b)	(C)	(d)	(e)	(1)
RESERVOIRS 1. Identification Number, Name, or description or each	Old Lake	New Lake			
2. Elevation of relief	Old Lake	New Lake			
3. Use (source of supply or clear water)	Source of supply	Source of supply			
4. Kind (earthen or masonry)	Earthen	Earthen			
5. Covered or open	open	open			
Elevated above pumping station (CL pumps = 1062.9')					
7. Distance from pumping station	N/A gravity	3.25 Miles			
8. Total capacity in gallons	177 acre-feet	353.7 acre-feet			
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Garden City Clearwell	Garden City Elevated Tank	Garden City Stand Pipe		
11. Material (steel, wood, concrete, etc.)	Steel	Steel	Steel		
12. Height of water column			30'		
13. Diameter of tank 14. Height of tank	33'	113'	57.5'		
15. Elevation of inlet above pumping station (CL pumps = 1062.9')	55	113	51.5		
16. Distance from pumping station	120 feet	5,920 feet	7,361 feet		
17. Capacity of each in gallons	125,000	55,000	305,000		
PRESSURE TANKS		-			
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS		1	1		
23. Describe pretreatment, if any	15 min Sodium Permanganate				
24. Function of plant-filter, soften, etc.	Conventional/UF Membrane				
25. Aerators, type	Solid Contact Basin	O			
26. Sedimentation 27. Dimension of each settling basin	33' Dia x 12.75' Depth	Secondary Sedimentation 54.5' x 25' x 10'			
28. Kind of coagulant	Poly-Alum	54.5 X 25 X 10			
29. Pounds per million gallons	1 oly-Aldin				
30. Sand filtration - slow or rapid	NA				
31. Number of beds	NA				
32. Open or covered	Covered				
33. Surface dimensions	NA				
34. Capacity of beds - gallons per day (per bed)	NA				
35. Mixing units, type					
36. Dimensions 37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)		Chlorine Dioxide			
41. Chlorinating equipment:	Chemical Feed Pumps	Chemical Feed Pumps			
42. Manufacturer	QDOS Marlo-Watson	QDOS Marlo-Watson			
43. Type	Peristaltic Pump	Peristaltic Pump			
44. Points of application	Primary Flashmixer	Secondary Flashmixer			
45. Pounds per million gallons 46. Pressure filters					
40. Pressure liners 47. Type of each					
48. Capacity of each		1			
49. Hardness of water treated	80 to 100 ppm	T	1		
50. Corrosion control, chemical agent	PO4				
51. Pound per million gallons					
52. Type of feeders (dry or slurry)	Peristaltic Pump				
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?	Continuously & 2 hrs				
PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
--	--------------------------	-------------	-------------	-------------	-------------
RESERVOIRS					
1. Identification Number, Name, or description or each					
2. Elevation of relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					L
5. Covered or open					h
 Elevated above pumping station (CL pumps = 1062.9') Distance from pumping station 					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each					
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column	6'				
13. Diameter of tank	7'				
14. Height of tank	7' x 18' laydown tank				
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 	4'	<u> </u>			
17. Capacity of each in gallons	4 5,500				
	-;				
PRESSURE TANKS		Γ			
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					L
PURIFICATION SYSTEMS	[
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					h
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					[
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					h
36. Dimensions 37. Flocculators, type					[
38. Dimensions					
39. Sterilization - Is water sterilized?	Yes				
40. Agent used (liquid, chlorine, etc.)	Chlorine				
41. Chlorinating equipment:					
42. Manufacturer	Stenner	ļ			<u></u>
43. Type	Liquid feed Well head				
44. Points of application 45. Pounds per million gallons					[
46. Pressure filters					
47. Type of each					1
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent		ļ			<u></u>
51. Pound per million gallons 52. Type of feeders (dry or slurry)					[
52. Type of feeders (dry or slurry) 53. Total H.P. of all motors used in plant		<u> </u>			
54. How frequently is an analysis of water made?					
	1				

PARTICULARS (a)	UNIT (b)	UNIT (C)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS		1			
1. Identification Number, Name, or description or each					
 Elevation or relief Use (source of supply or clear water) 	purchased				
4. Kind (earthen or masonry)	purchased				
5. Covered or open					
6. Elevated above pumping station					
7. Distance from pumping station					
8. Total capacity in gallons 9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each					
11. Material (steel, wood, concrete, etc.) 12. Height of water column			<u> </u>		
13. Diameter of tank		1			
14. Height of tank					
15. Elevation of inlet above pumping station					
16. Distance from pumping station					
17. Capacity of each in gallons					
PRESSURE TANKS		1	1	l	
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons			1		
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
 Surface dimensions Capacity of beds - gallons per day (per bed) 			<u> </u>		
35. Mixing units, type			<u> </u>		
36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
 Agent used (liquid, chlorine, etc.) Chlorinating equipment: 			<u>}</u>		
42. Manufacturer		1			
43. Туре					
44. Points of application					
45. Pounds per million gallons					
46. Pressure filters 47. Type of each					
47. Type of each 48. Capacity of each			1		
49. Hardness of water treated			1		
50. Corrosion control, chemical agent			<u> </u>		
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant 54. How frequently is an analysis of water made?	continuous on-line Cl2 monitor				
or. now nequently is an analysis of water made?	Continuous on-line CIZ IIIOIIIIOI	1	1	1	

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	· · · · · · · · · · · · · · · · · · ·				
1. Identification Number, Name, or description or each	Nene				
 Identification Number, Name, or description or each Elevation or relief 	None				
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
 Elevated above pumping station Distance from pumping station 					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Jaxson Estates Tank				
11. Material (steel, wood, concrete, etc.)	Bolted Steel				
12. Height of water column	105 feet				
13. Diameter of tank 14. Height of tank	29 feet 112 feet	l			
15. Elevation of inlet above pumping station	111 feet				
16. Distance from pumping station	50 feet				
17. Capacity of each in gallons	585,141				
PRESSURE TANKS 18. Identification number or description	None				
19. Material	INDITE				
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any	None				
24. Function of plant-filter, soften, etc.					
25. Aerators, type 26. Sedimentation					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds 32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
36. Dimensions					
37. Flocculators, type 38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)					
41. Chlorinating equipment:					
42. Manufacturer 43. Type		l			
43. Points of application					
45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated		l			
50. Corrosion control, chemical agent		1			
51. Pound per million gallons		1			
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?		I			

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS			1		1
1. Identification Number, Name, or description or each					
2. Elevation or relief					
 Use (source of supply or clear water) Kind (earthen or masonry) 					
5. Covered or open					
6. Elevated above pumping station					
7. Distance from pumping station					
 8. Total capacity in gallons 9. Inside dimensions 					
		•			
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Backwash Tower	clearwell #1	Clearwell #2	Ellis Tank	Rock Hill Rd. Tank
11. Material (steel, wood, concrete, etc.)	Steel	concrete	Steel	Steel	Concrete / Steel
12. Height of water column 13. Diameter of tank	100' 20'	30' Square tank 92x65	19' 103'	28' 100'	156'
14. Height of tank		30'	20'	35'	160'
15. Elevation of inlet above pumping station		8'			
16. Distance from pumping station	200.000	1 400 000	1 000 000	4 500 000	1 500 000
17. Capacity of each in gallons	300,000	1,162,000	1,200,000	1,500,000	1,500,000
PRESSURE TANKS					
18. Identification number or description					
19. Material 20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS		1	1	1	1
23. Describe pretreatment, if any	None				
24. Function of plant-filter, soften, etc.	Soften/turbidity removal				
25. Aerators, type	None				
26. Sedimentation	Yes			0 0-t 00 400 40	
27. Dimension of each settling basin 28. Kind of coagulant	Pre-Set - 70 Dia x 14 depth Ferric Sulfate / Polymer / CAO	Pre/Pri-Set2 (64 x 64 x 21depth)	2(Pri-Set 87 x 45 x 15	Sec-Set 68 x 130 x 18	
29. Pounds per million gallons	Dependent on river conditions				
30. Sand filtration - slow or rapid	Rapid				
31. Number of beds	8				
32. Open or covered 33. Surface dimensions	Covered 176 _{sg} x6 / 240 _{sg} x2	l			
 Surrace dimensions Capacity of beds - gallons per day (per bed) 	176 _{sq} xo / 240 _{sq} x2 1.64 MGD	+	1		1
35. Mixing units, type	Hydraulic drop		1		l
36. Dimensions	1'				
37. Flocculators, type	Horizontal				
 38. Dimensions 39. Sterilization - Is water sterilized? 	16' x 41' No	<u> </u>			l
40. Agent used (liquid, chlorine, etc.)	Bleach 12.5%				
41. Chlorinating equipment:	Metering Pumps				
42. Manufacturer	Siemens / Model CPS5F3XHP				
43. Type 44. Points of application	Peristaltic Pre/post filtration	l			
44. Points of application 45. Pounds per million gallons	30 lbs.				1
46. Pressure filters	N/A				
47. Type of each	N/A				
48. Capacity of each 49. Hardness of water treated	N/A 132 mg/l				
49. Hardness of water treated 50. Corrosion control, chemical agent	132 mg/l Phosphate / Co ₂				
51. Pound per million gallons	4 lb.	<u> </u>			
52. Type of feeders (dry or slurry)	Slurry				
53. Total H.P. of all motors used in plant	1,160 Hp				
54. How frequently is an analysis of water made?	4 Hr. Intervals				

	PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
 		(b)	(6)	(u)	(e)	(1)
 	RESERVOIRS					
			32nd St. Tank (Ground			
	1. Identification Number, Name, or description or each		level storage)			
			1053.5' floor - 1083.0' overflow			
	3. Use (source of supply or clear water)					
Books prime stature (L. prime 1 (M2 - 1)) Image of the stature (L. prim 1 (M2 - 1)) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
	8. Total capacity in gallons	1,000,000	2,000,000	1,000,000	1,000,000	
9. Instructions have or acception of an Chi Bears and exception o	9. Inside dimensions	130' x 85' x 12'	105' x 31'	66' x 40'	70' x 35'	
Brank Brank <td>STANDPIPES OR ELEVATED TANKS</td> <td></td> <td></td> <td></td> <td></td> <td></td>	STANDPIPES OR ELEVATED TANKS					
0 0						
Nature (inclusion) Start Start Start Start Start Start 1 Address (inclusion) Start <						
1 % 100 % Control 100 % Contro 100 % Control 100 %	10. Identification Number or description of each					
B index of profile B is profile <thb is="" profile<="" th=""> B is pro</thb>	11. Material (steel, wood, concrete, etc.)					Steel
4 legistantia 9.07		125	125			U [.]
8. Bellow for purple galaxies C. P. C. 6078 (1022 5 foundation) C. 1267 (1022 5 foundation)						
B. Balance S. Rainei B. Raineii					+123 35' (1186 25' foundation)	
C Capacity of such is gained Biology Loss 000 Loss 000 Holds 000 Holds 000 Biology of such and such an	16. Distance from pumping station					
Description Description 9 Institution number of decorption Image: of the state of						144.000
9 Audition multiple relation 	5				,	,
9 Audition multiple relation 						
9. Marrial 0. Angrial of Marrial 0. Second of marrial Second of marrial 0. Second of marrial<	PRESSURE TANKS					
9. Marrial 0. Angrial of Marrial 0. Second of marrial Second of marrial 0. Second of marrial<	18. Identification number or description					
0. angle drak i <	19. Material					
2. Capacity rigitions Image: Capacity rigitions Image: Capacity rigitions Image: Capacity rigitions 0. Decrebs protections, fill style, solum, etc. Solumetation, fill style, solum, etc. Solumetation, fill style, solum, etc. Solumetation, fill style, solum, etc. Solumetation, fill style, solum, etc. Solumetation, fill style, solum, etc. 0. Decrebs protections, solum, solum, solum, solum, fill style, solum, solum, solum, fill style, solum, s	20. Length of tank					
Purphy Purphy<	21. Diameter of tank					
Section pretreatment, if any 4 function of plant-filter, sole, edc. Compatibility Candidation of plant-filter, sole, edc. Image: Sole Compatibility Candidation of plant-filter, sole, edc. 7. Denselsion of sale setting basis 100 Seq. 11 ar 100, 140 Sq. 18 al bolinum, x 18 Seg. 41 L x 21 W x1 F D 2nd Seg. 41 L x 21 W x1 F D	22. Capacity in gallons					
Section pretreatment, if any 4 function of plant-filter, sole, edc. Compatibility Candidation of plant-filter, sole, edc. Image: Sole Compatibility Candidation of plant-filter, sole, edc. 7. Denselsion of sale setting basis 100 Seq. 11 ar 100, 140 Sq. 18 al bolinum, x 18 Seg. 41 L x 21 W x1 F D 2nd Seg. 41 L x 21 W x1 F D						
4. Purctor of plant-filter, opting, data ClarkExtor, datafication, datafication, and filtation Image: data filtation Image: data filtation 5. Sections, type None None None None Image: data filtation Image: data filtati						
S. Arabics, byie None Ince None Ince Ince S. Gedimentation Tables, frat Top, T40 Ss,						
S. Sedimation Conventional horizontal flow Pask Setting Image Image </td <td>24. Function of plant-filter, soften, etc.</td> <td></td> <td></td> <td></td> <td></td> <td></td>	24. Function of plant-filter, soften, etc.					
7. Dimension of each setting basin 180 Sq. ft at Dols, x. 1 st Sq. et At Lx 2t' W xt 7 D Stage: 4t' Lx 2t' W xt 7 D 8. Knd of coaguiant Lguid Alum Polymer Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D 9. Pounds per million galons Bit Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D 9. Pounds per million galons Bit Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D 9. Pounds per million galons Gapoid Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D Image: 4t' Lx 2t' W xt 7 D 9. Point Set Gapoid Image: 4t' Lx 2t' W xt 7 D 9. Point Set Gapoid Image: 4t' Lx 2t' W xt 7 D 9. Start Set Set Gapoid Image: 4t' Lx 2t' W xt 7 D						
7. Dimension of each setting basin 103° optim Stage: 41'L x2'l W x17 D Image: 41'L x2'l W	26. Sedimentation	Conventional horizontal flow	Plate Settlers			
8. Kind i coagulant Liquid Alum Polymer Liquid Alum Polymer Liquid Alum Polymer 9. Pounds per million gallons 3. T 6. T T T 9. Bound hitsdown crapid Rapid Rapid Rapid 1. Murie or besis Cone C C 3. Grade minessions Gone C C 4. Capacity of beds - galions per day (per bed) Libfs S aft per her det C 5. Ming units, type Mechanical paddle type Vertical turbine rapid miner 6. Dimensions Second Stages Second Stages C 7. Flocculars, type Second Stages C C 8. Dimensions an open steel tark Dual 1st stages 22 L x 21' 8. Dimensions Ligbt Stach 0.8% D C 9. Staffaction - Is water sterlized? No No No 0. Agentused (liquid, chorine, etc.) D.8% Each 0.8% Each 0.8% Each 1. Chorinshing equipment: Severn Tered Severn Tered C 1. Staffaction Is water startized? No No C 1. Chorinshing equipment: Dask terescipe stages Severn Tered C 1. Chorinshing equipment: Severn Tered Severn Tered C	27 Dimension of each complete having					
9. Pound sprimition galons 81 81 81 0. Sand fittation - show or rapid Rapid Rapid Rapid 1. Number of beds 4 2	27. Dimension of each settling basin	103 depin	Stage: 41 L X 21 W X 17 D			
9. Pound sprimition galons 81 81 81 0. Sand fittation - show or rapid Rapid Rapid Rapid 1. Number of beds 4 2	28 Kind of coagulant	Liquid Alum Polymer	Liquid Alum Polymer			
0. Sand filtration - slow or rapid Rapid Rapid Rapid Image 1. Number of beds 4 2 Image Image Image 2. Open or covered Open Covered Image Image Image 3. Surface dimensions Image Image Image Image Image 4. Capacity of beds - galons per day (per bed) Image Image Image Image 6. Dimensions Image Image Image Image Image 7. Flocculators, type Image Image Image Image Image 8. Dimensions Image Image Image Image Image 8. Dimensions Image Image Image Image Image 9. Stentizetor - Is water stellized? Image Image Image Image 9. Stentizetor - Is water stellized? Image Image Image Image 9. Stentizetor - Is water stellized? Image Image Image Image 10. String equipment: Image Image Image Image Image 1. Obstain Figure A Image Image Image Image Image 1. Obstain Figure A Image <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
1. Number of beds 4 2	30. Sand filtration - slow or rapid	Rapid	Rapid			
2. Open Covered Image: Covered	31. Number of beds	4	2			
4. Capacity of bods - gallons per day (per bed) 4 MGD 2.75 MGD 5. Moing units, type Mochanical gaddle type Vertical turbine raigh mixer 40 Capacity of bods - gallons per day (per bed) Michanical gaddle type Vertical turbine raigh mixer 6. Dimensions 40 Cd ameter x 13' deep 3' L x 21' W x 8.25' H 7. Flocoulators, type an open steel tank Downflow vertical turbine 8. Dimensions 9. Sentization - Is water sterilized? No Dual 1st stage: 23' L x 21' W x 17' D each 9. Sentization - Is water sterilized? No 0 0.8% bleach	32. Open or covered					
5. Micro units, type Mechanical paddle type Vertical turbine rapid more Image: Control of	33. Surface dimensions	1,055 Sq ft per bed				
6. Dimensions 40° diameter'x 13° deejo 3° L x 3° W x 8.25° H Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four and stage: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel tank Image: Second stage - each of the four units is an open steel						
7. Flocculators, type Second stage - each of the four units is an open steel tank Downflow vertical turbine Image: 23' L x 21' 8. Dimensions 105'n diameter by 16'6" high 23' L x 21' W x 17' D each Image: 23' L x 21' 9. Sterilization - Is water sterilized? No No No 0. Agent used (liquid, chroine, etc.) 0.5" h diameter by 16'6" high 23' L x 21' W x 17' D each Image: 23' L x 21' 1. Chrointing equipment 0.5" h diameter by 16'6" high 23' L x 21' W x 17' D each Image: 23' L x 21' 1. Alphring equipment 0.5" h diameter by 16'6" high 23' L x 21' W x 17' D each Image: 23' L x 21' 1. Alphring equipment 0.6" h diameter by 16'6" high 23' L x 21' W x 17' D each Image: 23' L x 21' 2. Manufacturer 0.5" h diameter by 16'6" high 0.5" h diameter by 16'6" high Image: 23' L x 21' 3. Type Deserver Trent Severn Trent Image: 23' L x 21' 4. Points of application Severn Trent Severn Trent Image: 20' L controlled Plant influent (primary), setting basin Plant influent (primary), Stage 2 influent Image: 20' L controlled 4. Points of application If 4.50 (chroine from 0.8" bleach) Image: 20' L controlled 6. Pressure filters None None Image: 20' L controlled 7. Type of each No						
An open stell tank Downflow vertical turbine Image: 23' L x 21' w x 17' beach 8. Dimensions 105' in diameter by 16'6' high 23' L x 21' w x 17' beach 9. Sterilization - Is water sterilized? No No 0. Agent used (figuid, chroine, etc.) 0.8% bleach 0.8% bleach 0. Agent used (figuid, chroine, etc.) 0.8% bleach 0.8% bleach 1. Chroinating equipment: 0.8% bleach 0.8% bleach 2. Manufacturer Sevem Trent Sevem Trent 3. Type Hose pumps (VFD controlled) Hose pumps (VFD controlled) 4. Points of application effuent (primary), setting basin Plant influent (primary), Stage 2 influent 6. Pressure filters None None None None None None Image: Start 10' (B' arrage) 9. Harrines of water treated Image: Start 10' (B' arrage) Image: Start 10' (B' arrage) 9. Harrines of water treated None None Image: Start 10' (B' arrage) 9. Harrines of water treated Image: Start 10' (B' arrage) Image: Start 10' (B' arrage) 9. Lander start 10' (Lander (post) Image: Start 10' (B' arrage) Image: Start 10' (B' arrage) 9. Harrines of water treated None None Image: Start 10' (B' arrage) 9. Harrines of water treated Image: Start 10	36. Dimensions	40' diameter x 13' deep	3' L x 3' W x 8.25' H			
A. Dimensions Dual 1st stage: 23' L x 21' No No 9. Sterilization - Is water sterilized? No No No 0. Agent used (liqui, choirne, etc.) 0.8 bloch 0.8 bloch Image: 0.8 bloch 1. Chlorinating equipment: 0.7 site Hypochiorite generation 0.7 site Hypochiorite generation Image: 0.8 bloch 2. Manufacturer 3. Type Dra-site Hypochiorite generation Image: 0.8 bloch Image: 0.8 bloch 4. Points of application Severn Trent Severn Trent Image: 0.8 bloch Image: 0.8 bloch 4. Points of application File timulant: Severn Trent Image: 0.8 bloch Image: 0.8 bloch 5. Pounds per rulition gallons File timulant: File timulant: File timulant: Image: 0.8 bloch 6. Pressure filters None None None Image: 0.8 bloch Image: 0.8 bloch 6. Pressure filters None None Image: 0.8 bloch Image: 0.8 bloch 7. Type of each NA NA NA Image: 0.8 bloch Image: 0.8 bloch 6. Coroson control, chemical agent Ifi0 (average) Ifi0 (average) Image: 0.8 bloch Image: 0.8 bloch 1. Pound per million gallons 0 0 Image: 0.8 bloch Image: 0.8 bloch 1. Poun	37 Elecculators type		Downflow vertical turbing			1
8. Dimensions W x 18' D each Dual 2nd stage:	37. Flocculators, type	an open steer tank	Downliow vertical turbine			
8. Dimensions W x 18' D each Dual 2nd stage:			Dual 1st stage: 23' L x 21'			
8. Dimensions 105° in diameter by 16°6° high 23° L x 21' W x 17' D each Image: Comparison of the c		1				1
9. Sterilization - Is water sterilized? No No Image: Construct of the sterilized	38. Dimensions	105' in diameter by 16'6" high				1
0. Agent used (liquid, chorine, etc.) 0.8% bleach 0.8% bleach 0.8% bleach 0.8% bleach 0.8% bleach 1. Choiroiating equipment: 2. Manufacturer Sevenn Trent Sevenn Trent (VFD controlled) No Sevenn	39. Sterilization - Is water sterilized?	No	No			
2. Manufacturer Severn Trent Severn Trent Image: Control of the pumps (VFD controlled) Image: Control of the pumps (VFD con	40. Agent used (liquid, chlorine, etc.)	0.8% bleach	0.8% bleach			
2. Manufacturer Severn Trent Severn Trent Image: Control of the pumps (VFD controlled) Image: Control of the pumps (VFD con	41. Chlorinating equipment:	On-site Hypochlorite generation	On-site Hypochlorite generation			
4. Points of application Plant influent (primary), setting basin effluent (secondary), filter effluent (post) Plant influent (primary), Stage 2 influent (secondary), filter effluent (post) 5. Pounds per million gallons 14.50 (chlorine from 0.8% bleach) 14.50 (chlorine from 0.8% bleach) 6. Pressure filters None None 7. Type of each NA NA 8. Capacity of each NA NA 9. Hardness of water treated 160 (average) 160 (average) 0. Corrosion control, chemical agent Liquid Lime Liquid Lime 1. Pound per million galons 0 0 2. Type of feeders (dry or slurry) Slurry Slurry 3. Total H.P. of all motors used in plant 1,540 (common for both plants) 1,540 (common for both plants)						
4. Points of application effluent (secondary), filter effluent (post) secondary), filter effluent (post) secondary), filter effluent (post) secondary), filter effluent (post) 5. Pounds per million gallons 14.50 (chiorine from 0.8% bleach) 160 7. Type of each NA NA Image: Chiorine from 0.8% bleach) 160 (average)	43. Туре	Hose pumps (VFD controlled)	Hose pumps (VFD controlled)			
4. Points of application effluent (secondary), filter effluent (post) secondary), filter effluent (post) secondary), filter effluent (post) secondary), filter effluent (post) 5. Pounds per million gallons 14.50 (chiorine from 0.8% bleach) 160 7. Type of each NA NA Image: Chiorine from 0.8% bleach) 160 (average)		Plant influent (priman/) settling bacin	Plant influent (primary) Stage 2 influent			
5. Pounds per million gallons 14.50 (chlorine from 0.8% bleach) 14.50 (chlorine from 0.8% bleach) 0.8% bleach) </td <td>44 Points of application</td> <td></td> <td>(secondary) filter effluent (nost)</td> <td></td> <td></td> <td>1</td>	44 Points of application		(secondary) filter effluent (nost)			1
6. Presure filters None Image: None Image: None Image: None 7. Type of each NA NA Image: None Image: None 8. Capacity of each NA NA Image: None Image: None 9. Hardness of water treated NA Image: None Image: None Image: None 0. Corrosion control, chemical agent 160 (average) Image: None Image: None Image: None 1. Pound per million galons 0 0 Image: None Image: None 2. Type of feeders (dry or slury) Slury Slury Slury Image: None 3. Total H.P. of all motors used in plant 1,540 (common for both plants) Image: None Image: None 3. Total H.P. of all motors used in plant Continuous monitoring with 2-4 hr lab Image: None Image: None	45 Pounds per million gallons	14.50 (chlorine from 0.8% bleech)	14.50 (chlorine from 0.8% bleach)		ł	
NA NA NA 8. Capacity of each NA NA NA 9. Lapdness of water treated T60 (average) 160 (average) 160 0. Corrosion control, chemical agent Liquid Lime Liquid Lime 160 1. Pound per million galons 0 0 0 0 2. Type of feeders (dry or slurry) Slurry Slurry Slurry Slurry 3. Total H.P. of all motors used in plant Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab						
8. Capacity of each NA NA MA 9. Hardness of water treated 160 (average) 160 (average) 160 (average) 0. Corrosion control, chemical agent Liquid Lime 1 1. Pound per million gallons 0 0 2. Type of feeders (dry or slurry) Slurry Slurry 3. Total H.P. of all motors used in plant 1,540 (common for both plants) Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab	47. Type of each					1
9. Hardness of water treated 160 (average) 100 (average) 100 (average) 0. Corrosion control, chemical agent Liquid Lime Liquid Lime 100 1. Pound per million gallons 0 0 100 2. Type of feeders (dry or slurry) Slurry Slurry 1.540 (common for both plants) 3. Total H.P. of all motors used in plant 1.540 (common for both plants) 1.540 (common for both plants) Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab 1.540 (common for both plants)	48. Capacity of each					1
0. Corresion control, chemical agent Liquid Lime Ime 1. Pound per million gallons 0 0 2. Type of feeders (dry or slurry) Slurry Slurry 3. Total H.P. of all motors used in plant 1,540 (common for both plants) 1,540 (common for both plants) Continuous monitoring with 2-4 hr lab 0 0	49. Hardness of water treated		160 (average)			
11. Pound per million gallons 0 0 2. Type of feeders (dry or slurry) Slurry Slurry 3. Total H.P. of all motors used in plant 1,540 (common for both plants) 0 Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab 0	50. Corrosion control, chemical agent					1
12. Type of feeders (dry or slurry) Slurry Slurry Slurry 3. Total H.P. of all motors used in plant 1,540 (common for both plants) Incomparing with 2-4 hr lab Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab Incomparing with 2-4 hr lab	51. Pound per million gallons	0	0			1
3. Total H.P. of all motors used in plant 1,540 (common for both plants) 1,540 (common for both plants) Continuous monitoring with 2-4 hr lab Continuous monitoring with 2-4 hr lab	52. Type of feeders (dry or slurry)					
	53. Total H.P. of all motors used in plant					
4 How frequently is an analysis of water made? tests						
tron nogenary or nation index. 1000 1000	54. How frequently is an analysis of water made?	tests	tests			

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	· · · · ·				
1. Identification Number, Name, or description or each					
2. Elevation or relief					
 Use (source of supply or clear water) Kind (earthen or masonry) 					
5. Covered or open					
6. Elevated above pumping station					
 7. Distance from pumping station 8. Total capacity in gallons 					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Lake Carmel				
11. Material (steel, wood, concrete, etc.) 12. Height of water column	Steel 104'				
12. Height of water column 13. Diameter of tank	8'				
14. Height of tank	104'				
15. Elevation of inlet above pumping station	919				
16. Distance from pumping station 17. Capacity of each in gallons	25' 37,000				
	01,000				
PRESSURE TANKS					
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds 32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
36. Dimensions 37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment:	Bleach 12.5 % Yes				
41. Chlorinating equipment: 42. Manufacturer	Stener				
43. Type	Metering Pump				
44. Points of application	Pre-Stand Pipe				
45. Pounds per million gallons 46. Pressure filters	9 lbs.				
47. Type of each					
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent 51. Pound per million gallons					
51. Pound per million gallons 52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant	8				
54. How frequently is an analysis of water made?	Continuous CL2 monitoring				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
			(u)	(6)	(1)
RESERVOIRS 1. Identification Number, Name, or description or each					
2. Elevation of relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
Elevated above pumping station (CL pumps = 1062.9')					
Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
	Lake Taneycomo (LTA)				
10. Identification Number or description of each	(Ground level storage)				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column	33'				
13. Diameter of tank	12'				
14. Height of tank	36'				
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 	3' 10'				
17. Capacity of each in gallons	36,000	+			
	55,500	1	1	1	
PRESSURE TANKS	-	1	I	ſ	
18. Identification number or description	LTA #1	LTA #2	LTA #3		
19. Material	Steel	Steel	Steel		
20. Length of tank	5'	5'	5'		
21. Diameter of tank	30"	30"	30"		
22. Capacity in gallons	119	119	119		
PURIFICATION SYSTEMS		1	1	Г	
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid 31. Number of beds		+			
32. Open or covered					
33. Surface dimensions	<u> </u>				
34. Capacity of beds - gallons per day (per bed)		T			
35. Mixing units, type					
36. Dimensions					
37. Flocculators, type					
38. Dimensions		+			
39. Sterilization - Is water sterilized?	Yes, disinfection chlorine, liquid				
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment:			1		
41. Chlorinating equipment: 42. Manufacturer	Stenner	+	1		
43. Type	injection pump	1			
44. Points of application	well head	T			
45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent 51. Pound per million gallons		l			
51. Pound per million gallons 52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant			1		
54. How frequently is an analysis of water made?	daily	1			
	1	1		i	

TRI COUNTY DISTRICT - Lakewood Manor Operations

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)	UNIT (g)
RESERVOIRS						
1. Identification Number, Name, or description or each						
2. Elevation of relief						
3. Use (source of supply or clear water)						
4. Kind (earthen or masonry)						
 Covered or open Elevated above pumping station (CL pumps = 1062.9') 						
 Distance from pumping station Distance from pumping station 						
8. Total capacity in gallons						
9. Inside dimensions						
STANDPIPES OR ELEVATED TANKS						
	Lakewood	Lakewood #1				
10. Identification Number or description of each	(Standpipe)	(Ground level storage)				
11. Material (steel, wood, concrete, etc.)	Steel	Steel				
12. Height of water column						
13. Diameter of tank	10'	12'				
14. Height of tank	18'	30'				
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 						
17. Capacity of each in gallons		25.380				
n: oupdaily of ouder in guilono		20,000				
PRESSURE TANKS		1	1	1		
18. Identification number or description	Lakewood #1	Lakewood #2	Lakewood #3	Lakewood #4	Lakewood #5	Lakewood #6
19. Material	Steel	Steel	Steel	Steel	Steel	Steel
20. Length of tank	5'	5'	5'	5'	5'	5'
21. Diameter of tank	2'	2'	2'	2'	2'	2'
22. Capacity in gallons	315	315	315	315	315	315
PURIFICATION SYSTEMS		T	T	Ι	Γ	
23. Describe pretreatment, if any						
24. Function of plant-filter, soften, etc.						
25. Aerators, type						
26. Sedimentation						
27. Dimension of each settling basin						
28. Kind of coagulant						
29. Pounds per million gallons 30. Sand filtration - slow or rapid						
31. Number of beds		1	1	1	<u> </u>	
32. Open or covered						
33. Surface dimensions						
34. Capacity of beds - gallons per day (per bed)						
35. Mixing units, type						
36. Dimensions						
37. Flocculators, type 38. Dimensions						
		1	l			
30 Starilization Is water starilizad?	Ves disinfection					
39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.)	Yes, disinfection chlorine liquid					
40. Agent used (liquid, chlorine, etc.)	Yes, disinfection chlorine, liquid					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer						
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application	chlorine, liquid Stenner					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Trype 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Trype 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 51. Pound per million gallons 52. Type of feeders (day or slury)	chlorine, liquid Stenner injection pump					
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 51. Pound per million gallons	chlorine, liquid Stenner injection pump					

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS		(0)	(4)	(0)	()
1. Identification Number, Name, or description or each					
2. Elevation or relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
 Elevated above pumping station Distance from pumping station 					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	elevated tank (city park)	elevated tank (69 Highway)			
11. Material (steel, wood, concrete, etc.)	steel	steel			
12. Height of water column					
13. Diameter of tank	100.0	100 /			
 Height of tank Elevation of inlet above pumping station 	120 ft	120 ft			
16. Distance from pumping station	6.5 mile	6.0 mile			
17. Capacity of each in gallons	50,000 gal.	300,000 gal			
· · · · · · · · · · · · · · · · · · ·				1	
PRESSURE TANKS					
18. Identification number or description				+	
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS		1		l	
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin 28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions				+	
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)					
41. Chlorinating equipment:					
42. Manufacturer					
43. Type 44. Points of application				+	
45. Pounds per million gallons	<u> </u>			l	
46. Pressure filters				1	
47. Type of each					
48. Capacity of each					
49. Hardness of water treated				ļ	
50. Corrosion control, chemical agent					
51. Pound per million gallons 52. Type of feeders (dry or slurry)				l	
52. Type of feeders (ary or slurry) 53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?					
on normalization of an analysis of water made:	L			1	

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(C)	(d)	(e)	(f)
RESERVOIRS		1			
 Identification Number, Name, or description or each Elevation of relief 					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station (CL pumps = 1062.9')					
7. Distance from pumping station					
 8. Total capacity in gallons 9. Inside dimensions 					
STANDPIPES OR ELEVATED TANKS					
	Maplewood				
10. Identification Number or description of each	(Standpipe)				
11. Material (steel, wood, concrete, etc.) 12. Height of water column	Steel				
13. Diameter of tank	11'				
14. Height of tank	119'				
15. Elevation of inlet above pumping station (CL pumps = 1062.9')					
16. Distance from pumping station					
17. Capacity of each in gallons	80,000				l
PRESSURE TANKS					
18. Identification number or description					
19. Material					
20. Length of tank 21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc. 25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered 33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					1
36. Dimensions					
37. Flocculators, type					
38. Dimensions	Vec disinfection				
 Sterilization - Is water sterilized? Agent used (liquid, chlorine, etc.) 	Yes, disinfection Chlorine, liquid				
40. Agent used (liquid, chionne, etc.) 41. Chlorinating equipment:					
42. Manufacturer	Stenner				
43. Type	injection pump				
44. Points of application	well head				
45. Pounds per million gallons					
46. Pressure filters 47. Type of each					
47. Type of each 48. Capacity of each					1
49. Hardness of water treated	218				
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant	d = 16 -				
54. How frequently is an analysis of water made?	daily				

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(c)	(d)	(e)	(f)
RESERVOIRS					
1. Identification Number, Name, or description or each	CLEAR WELL				
2. Elevation or relief	RELIEF				
3. Use (source of supply or clear water)	CLEAR WATER				
4. Kind (earthen or masonry)	MASONRY				
5. Covered or open	COVERED				
6. Elevated above pumping station	NO CONNECTING				
 7. Distance from pumping station 8. Total capacity in gallons 	500,000				
9. Inside dimensions	70' X 70' X 16'				
3. Inside dimensiona	10 X 10 X 10				
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	PLANT-506 S Western	WEST-Lakeview St.	EAST-Highway 54 E across from Airport		
11. Material (steel, wood, concrete, etc.)	STEEL	STEEL	STEEL		
12. Height of water column	174 FT	136 FT	126 FT		
13. Diameter of tank	56 FT	40 FT	40 FT		
14. Height of tank	174 FT	136 FT	126 FT		
15. Elevation of inlet above pumping station	10 FT	10 FT	10 FT		
16. Distance from pumping station	ADJACENT	2 MILES	5 MILES		
17. Capacity of each in gallons	500,000	250,000	250,000		
PRESSURE TANKS					
18. Identification number or description	NONE				
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS		1	Γ	Γ	
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.	SOFTEN				
25. Aerators, type	INDUCED DRAFT				
26. Sedimentation	2 BASINS				
27. Dimension of each settling basin	72' X 90'				
28. Kind of coagulant	Liquid Ferric Sulfate (50% solution)				
29. Pounds per million gallons	46				
30. Sand filtration - slow or rapid	RAPID				
31. Number of beds	3				
32. Open or covered	COVERED				
33. Surface dimensions	18' X 20' EACH				
 Capacity of beds - gallons per day (per bed) Mixing units, type 	1.555 MGD IMPELLER				
35. Mixing units, type 36. Dimensions	6' X 6' X 6'	+	1		
37. Flocculators, type	IMPELLER				
38. Dimensions	40' X 26' X 13'				
39. Sterilization - Is water sterilized?	YES		1		
40. Agent used (liquid, chlorine, etc.)	CHLORINE	İ.			
41. Chlorinating equipment:	3				
42. Manufacturer	CAPITOL CONTROLS				
43. Туре	VACUUM				
44. Points of application	PRE, MID & POST				
45. Pounds per million gallons	33				
46. Pressure filters					
47. Type of each			1		
48. Capacity of each 49. Hardness of water treated	301				
49. Hardness of water treated 50. Corrosion control, chemical agent	301		1		
51. Pound per million gallons		+			
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant	155.75 (excluding wells & HS pumps)				
'	DAILY				
					-

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	1				
1. Identification Number, Name, or description or each					
2. Elevation of relief					
3. Use (source of supply or clear water)					
 Kind (earthen or masonry) Covered or open 					
 Elevated above pumping station (CL pumps = 1062.9') 					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each					
11. Material (steel, wood, concrete, etc.)					
12. Height of water column					
13. Diameter of tank					
 Height of tank Elevation of inlet above pumping station (CL pumps = 1062.9') 					
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 				+	
17. Capacity of each in gallons					
			•	•	
PRESSURE TANKS				1	
18. Identification number or description	N/A				
18. Identification number or description 19. Material	steel				
20. Length of tank	13'				
21. Diameter of tank	9'				
22. Capacity in gallons	7,000				
PURIFICATION SYSTEMS			Γ	Γ	Γ
23. Describe pretreatment, if any	None				
24. Function of plant-filter, soften, etc.	Hono				
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?	No				
40. Agent used (liquid, chlorine, etc.)					
41. Chlorinating equipment:					
42. Manufacturer 43. Type					
43. Type 44. Points of application				<u> </u>	
45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each	004				
49. Hardness of water treated 50. Corrosion control, chemical agent	234				
50. Corrosion control, chemical agent 51. Pound per million gallons				+	
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant				1	
	Meets MDNR required sampling				
54. How frequently is an analysis of water made?	schedule				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS					
1. Identification Number, Name, or description or each					
2. Elevation of relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station (CL pumps = 1062.9')					
 Distance from pumping station Total capacity in gallons 					
9. Inside dimensions					
3. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	s/n 2163/150				
11. Material (steel, wood, concrete, etc.)	steel				
12. Height of water column	108				
13. Diameter of tank					
14. Height of tank	110				
15. Elevation of inlet above pumping station (CL pumps = 1062.9')					
16. Distance from pumping station	no pump station				
17. Capacity of each in gallons	150,000				
PRESSURE TANKS				r	r
18. Identification number or description 19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds 32. Open or covered					
32. Open of covered 33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)					
41. Chlorinating equipment: 42. Manufacturer					
42. Manufacturer 43. Type					
43. Points of application					
45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry) 53. Total H.P. of all motors used in plant					
53. Total H.P. of all motors used in plant 54. How frequently is an analysis of water made?				<u> </u>	<u>}</u>
or. now nequency is all allalysis of water filade?	1			I	I

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)				
RESERVOIRS									
1. Identification Number, Name, or description or each									
2. Elevation of relief									
3. Use (source of supply or clear water)									
4. Kind (earthen or masonry)									
5. Covered or open									
Elevated above pumping station (CL pumps = 1062.9')									
7. Distance from pumping station									
8. Total capacity in gallons									
9. Inside dimensions									
STANDPIPES OR ELEVATED TANKS									
	Ozark Mtn #1	Ozark Mtn #2	Ozark Mtn #3						
10. Identification Number or description of each	(Ground level storage)	(Standpipe)	(Standpipe)						
11. Material (steel, wood, concrete, etc.)	Steel	Steel	Steel						
12. Height of water column	33'	104'	101'						
13. Diameter of tank	12'	10'	18'						
14. Height of tank	36'	104'	101'						
15. Elevation of inlet above pumping station (CL pumps = 1062.9')	2'	2'							
16. Distance from pumping station	100 yards	15'							
17. Capacity of each in gallons	36,000	58,000	38,000		l				
PRESSURE TANKS			1	1					
18. Identification number or description	Ozark Mtn 1 #1	Ozark Mtn 1 #2	Ozark Mtn 1 #3	Ozark Mtn 1 #4	Ozark Mtn 1 #5				
19. Material	Steel	Steel	Steel	Steel	Steel				
20. Length of tank	51000	5'	5'	5'	5'				
21. Diameter of tank	2'	2'	2	2'	2'				
22. Capacity in gallons	119	119	119	119	119				
PURIFICATION SYSTEMS									
23. Describe pretreatment, if any									
23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc.									
23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type									
 Describe pretreatment, if any Function of plant-filter, soften, etc. Aerators, type Sedimentation 									
23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin									
 Describe pretreatment, if any Function of plant-filter, soften, etc. Aerators, type Sedimentation Dimension of each settling basin Kind of coagulant 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 									
 Describe pretreatment, if any Function of plant-filter, soften, etc. Aerators, type Sedimentation Dimension of each settling basin Kind of coagulant 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 									
23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 									
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 39. Sterilization - Is water sterilized? 	Yes, disinfection	Yes, disinfection	Yes, disinfection						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 	Yes, disinfection chlorine, liquid	Yes, disinfection chlorine, liquid	Yes, disinfection chlorine, liquid						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 	chlorine, liquid	chlorine, liquid	chlorine, liquid						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - Isow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 	chlorine, liquid Stenner	chlorine, liquid Stenner	chlorine, liquid Stenner						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 	chlorine, liquid Stenner	chlorine, liquid Stenner	chlorine, liquid Stenner						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 38. Dimensions 39. Sterilization - Is water sterilized? 34. Chorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Fype 44. Points of application 45. Pressure filters 47. Type of each 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 38. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 22. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 38. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Prosuse filters 47. Type of each 48. Capacity of each 49. Capacity of each 49. Adaption the super sterilized? 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 32. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 51. Pound per million gallons 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc. 25. Aerators, type 26. Sedimentation 27. Dimension of each settling basin 28. Kind of coagulant 29. Pounds per million gallons 30. Sand filtration - slow or rapid 31. Number of beds 22. Open or covered 33. Surface dimensions 34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 51. Flooud per million gallons 52. Type of feeders (dry or slurry) 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						
 Describe pretreatment, if any Function of plant-filter, soften, etc. Aerators, type Sedimentation Toimension of each settling basin Kind of coagulant Pounds per million gallons Sand filtration - slow or rapid Number of beds Open or covered Surface dimensions Capacity of beds - gallons per day (per bed) Mixing units, type Dimensions Flocculators, type Dimensions Sterilization - Is water sterilized? Agnutacturer Type of application Points of application Points of application Points of application Comda per million gallons Comasure filters Type of each Compare filters Control, chemical agent Corrosion control, chemical agent Corrosion control, chemical agent 	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump	chlorine, liquid Stenner injection pump						

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT				
(a)	(b)	(C)	(d)	(e)	(f)				
RESERVOIRS									
1. Identification Number, Name, or description or each									
2. Elevation of relief									
 Use (source of supply or clear water) Kind (earthen or masonry) 									
5. Covered or open									
 6. Elevated above pumping station (CL pumps = 1062.9') 									
7. Distance from pumping station									
8. Total capacity in gallons									
9. Inside dimensions									
STANDPIPES OR ELEVATED TANKS									
			Rankin Acres ID461174						
10. Identification Number or description of each			(Ground level storage)						
11. Material (steel, wood, concrete, etc.)			Steel						
12. Height of water column									
13. Diameter of tank			9.						
14. Height of tank			10'8"						
15. Elevation of inlet above pumping station (CL pumps = 1062.9')			20" 38'						
16. Distance from pumping station		1	18,000						
17. Capacity of each in gallons	L	1	10,000	I					
PRESSURE TANKS		1							
	0 1 14 1/0	0 1 1 1 1 7							
18. Identification number or description 19. Material	Ozark Mtn 1 #6 Steel	Ozark Mtn 1 #7 Steel							
20. Length of tank	Steel								
20. Length of tank 21. Diameter of tank	5	5'							
22. Capacity in gallons	119	119							
	110	110							
PURIFICATION SYSTEMS									
23. Describe pretreatment, if any									
24. Function of plant-filter, soften, etc.									
25. Aerators, type									
26. Sedimentation									
27. Dimension of each settling basin									
28. Kind of coagulant									
29. Pounds per million gallons									
30. Sand filtration - slow or rapid									
31. Number of beds									
32. Open or covered									
 Surface dimensions Capacity of beds - gallons per day (per bed) 									
34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type		1							
36. Dimensions									
37. Flocculators, type		1							
38. Dimensions		1							
39. Sterilization - Is water sterilized?			Yes, disinfection						
40. Agent used (liquid, chlorine, etc.)			Chlorine, liquid						
41. Chlorinating equipment:									
42. Manufacturer			Stenner						
43. Туре			injection pump						
44. Points of application			well head						
45. Pounds per million gallons									
46. Pressure filters									
47. Type of each									
48. Capacity of each									
49. Hardness of water treated 50. Corrosion control, chemical agent									
50. Corrosion control, chemical agent 51. Pound per million gallons									
52. Type of feeders (dry or slurry)		1	1	<u> </u>					
53. Total H.P. of all motors used in plant									
54. How frequently is an analysis of water made?			daily						
			17	1					

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	OLD PLANT - RETIRED	NEW PLANT			
1. Identification Number, Name, or description or each	Clear well	Clear Well			T
2. Elevation or relief	Relief	Relief			
3. Use (source of supply or clear water)	Clear Water	Clear Water			
4. Kind (earthen or masonry)	Masonry	Masonry			
5. Covered or open	Covered	Covered			
6. Elevated above pumping station	No	No			
7. Distance from pumping station	Connected	Connected			
8. Total capacity in gallons	210,000	315,000			
9. Inside dimensions	70' X 40' X 10'	L:64' X W:39.5' X D:17.5'			
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Platte Woods	Crooked Road Tank	Riverside Tank	Parkcollege Tank	1000 Oak's Tank
11. Material (steel, wood, concrete, etc.)	Steel	Steel	Steel	Steel	Concrete
12. Height of water column	95 Feet	N/A	82 Feet	37 Feet	40 feet
13. Diameter of tank	44 Feet	52 Feet	33 Feet	68 Feet	80 feet
14. Height of tank	133 Feet	37 Feet	122 Feet	39 Feet	49 feet
15. Elevation of inlet above pumping station	N/A	N/A	N/A	N/A	N/A
16. Distance from pumping station	N/A	N/A	N/A	N/A	N/A
17. Capacity of each in gallons	300,000	500,000	500,000	1,000,000	1,500,000
17. Capacity of each in gallons	300,000	500,000	500,000	1,000,000	1,500,000
PRESSURE TANKS	Γ	T	1	T	1
18. Identification number or description	None				
19. Material	None				
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS	OLD PLANT - RETIRED	NEW PLANT			
23. Describe pretreatment, if any	Soften	Soften			
24. Function of plant-filter, soften, etc.					
25. Aerators, type	Induced	Induced Draft Aeration			
26. Sedimentation	00.0 5				
27. Dimension of each settling basin	38 Sq. Feet	Diameter: 45' Depth: 15' (2 basins)			
28. Kind of coagulant					
29. Pounds per million gallons	D 11				
30. Sand filtration - slow or rapid	Rapid	Rapid			
31. Number of beds	4	4			
32. Open or covered	Open	Open			
33. Surface dimensions	12'x15' 1.5 MGD	18'x18' 1.47 MGD	1		
34. Capacity of beds - gallons per day (per bed)			1		
35. Mixing units, type	Rapid	Rapid	1		
36. Dimensions	180 Sq Feet	324 sq. ft.		1	
37. Flocculators, type			1		
 38. Dimensions 39. Sterilization - Is water sterilized? 	Disinfected	Disinfected			
			1		
40. Agent used (liquid, chlorine, etc.)	Chlorine/Ammonia 2 Units	Chlorine/Ammonia			
41. Chlorinating equipment:		4 Units	1		
42. Manufacturer	Capitol Controls	Verder Pumps/Jessco Pump Skids			
43. Type	Injection	Injection	1		
44. Points of application	Pre & Post 21	Pre & Post			
45. Pounds per million gallons		400 (12.5% Sodium Hypochlorite)	1	+	
46. Pressure filters	N/A	N/A	1		
47. Type of each	N/A	N/A	1	+	
48. Capacity of each	N/A 380	N/A 380	1		
49. Hardness of water treated			1	+	
50. Corrosion control, chemical agent	Phosphate (8500)	Phosphate (8500)			
51. Pound per million gallons	9	27			
52. Type of feeders (dry or slurry)	N/A	N/A			
53. Total H.P. of all motors used in plant	590	950			
54. How frequently is an analysis of water made?	Daily	Daily			

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	N/A	(0)	(W)		(1)
1. Identification Number, Name, or description or each	IN/A				
2. Elevation or relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
Elevated above pumping station					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	North Ground Storage Standpipe (OLD)	South Ground Storage Standpipe (NEW)			
11. Material (steel, wood, concrete, etc.)	Bolted Steel	Welded Steel			
12. Height of water column	38 ft	38 ft			
13. Diameter of tank	21 ft	30 ft			
14. Height of tank	40 ft	40 ft			
15. Elevation of inlet above pumping station	310 ft	310 ft			
16. Distance from pumping station	7,815 ft	7,815 ft			
17. Capacity of each in gallons	133,000 gallons	200,000 gallons		1	
PRESSURE TANKS	N/A				
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS				I	
23. Describe pretreatment, if any	Aeration 1/8 HP, 1512 CFM				
24. Function of plant-filter, soften, etc.	Iron/Manganese Removal				
25. Aerators, type	induced draft aerator				
26. Sedimentation	N/A				
27. Dimension of each settling basin	N/A				
28. Kind of coagulant	N/A				
29. Pounds per million gallons	N/A				
30. Sand filtration - slow or rapid	N/A				
31. Number of beds	N/A			1	
32. Open or covered	N/A			1	
33. Surface dimensions	N/A				
34. Capacity of beds - gallons per day (per bed)	N/A				
35. Mixing units, type	N/A				
36. Dimensions	N/A				
37. Flocculators, type	N/A				
38. Dimensions	N/A				
39. Sterilization - Is water sterilized?	Yes				
40. Agent used (liquid, chlorine, etc.)	Sodium Hypochlorite				
41. Chlorinating equipment:	feed pump				
42. Manufacturer					
43. Туре	Raw water tank				
44. Points of application	3				
45. Pounds per million gallons					
46. Pressure filters	3				
47. Type of each	Vertical				
48. Capacity of each	150 gpm				
49. Hardness of water treated	282				
50. Corrosion control, chemical agent	N/A				
51. Pound per million gallons	N/A				
52. Type of feeders (dry or slurry)	N/A				
53. Total H.P. of all motors used in plant	194	Low Service HP 7.5 (2)	High Service HP 75 (2)	Well HP 15 (2)	
54. How frequently is an analysis of water made?	Daily				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS					
1. Identification Number, Name, or description or each					
2. Elevation of relief					
 Use (source of supply or clear water) Kind (earthen or masonry) 					
5. Covered or open					
Elevated above pumping station (CL pumps = 1062.9')					
 Distance from pumping station Total capacity in gallons 					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	10,000 Gal standpipe				
11. Material (steel, wood, concrete, etc.)	steel				
12. Height of water column 13. Diameter of tank	10'				
14. Height of tank	10				
15. Elevation of inlet above pumping station (CL pumps = 1062.9')	Approx 7 feet above pumps				
16. Distance from pumping station	directly above				
17. Capacity of each in gallons	10,000 Gallons				
PRESSURE TANKS		1			
18. Identification number or description	119 Gal Amtrol Model WX-350	120 Gal Amtrol Model WX-350	121 Gal Amtrol Model WX-350	122 Gal Amtrol Model WX-350	123 Gal Amtrol Model WX-350
19. Material	steel	steel	steel	steel	steel
20. Length of tank 21. Diameter of tank					
22. Capacity in gallons	119 Gallons	120 Gallons	121 Gallons	122 Gallons	123 Gallons
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc. 25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
35. Mixing units, type 36. Dimensions					
35. Mixing units, type 36. Dimensions 37. Flocculators, type					
35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized?	yes				
35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.)	yes 12.5% NaOCI				
 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 					
35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type					
 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 					
35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons					
35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters					
35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each	12.5% NaOCI				
 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardmess of water treated 					
 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 	12.5% NaOCI				
 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 51. Pound per million gallons 	12.5% NaOCI				
 35. Mixing units, type 36. Dimensions 37. Flocculators, type 38. Dimensions 39. Sterilization - Is water sterilized? 40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment: 42. Manufacturer 43. Type 44. Points of application 45. Pounds per million gallons 46. Pressure filters 47. Type of each 48. Capacity of each 49. Hardness of water treated 50. Corrosion control, chemical agent 	12.5% NaOCI				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS					
1. Identification Number, Name, or description or each					
2. Elevation of relief					
 Use (source of supply or clear water) Kind (earthen or masonry) 					
5. Covered or open					
 Elevated above pumping station (CL pumps = 1062.9') 					
Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	ST60232 Elevated Tank				
11. Material (steel, wood, concrete, etc.) 12. Height of water column	Steel Unable to find height of water column &				
13. Diameter of tank	Unable to find height of water column &				
	Overall height from ground to top of tank				
14. Height of tank	is 85ft				
15. Elevation of inlet above pumping station (CL pumps = 1062.9')	Unable to find				
16. Distance from pumping station	≈ 3,150 ft				
17. Capacity of each in gallons	50,000				
PRESSURE TANKS					
18. Identification number or description 19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?	Yes				
40. Agent used (liquid, chlorine, etc.)	12.5% Sodium Hypochlorite (Bleach)				
41. Chlorinating equipment: 42. Manufacturer	Peristaltic Pump Stenner				
42. Manufacturer 43. Type	Stenner Peristaltic Pump				
44. Points of application	Well #2 Wellhouse				
45. Pounds per million gallons	0.41 lbs/MG				
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated					
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant	60 HP				
54. How frequently is an analysis of water made?	Daily				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	(w)	(0)	(~/	(0)	
1. Identification Number, Name, or description or each					
2. Elevation or relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
 Covered or open Elevated above pumping station 					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Redfield Stand Pipe				
11. Material (steel, wood, concrete, etc.)	Steel 109				
12. Height of water column 13. Diameter of tank	8 ft.				
14. Height of tank	110 ft.				
15. Elevation of inlet above pumping station	990				
16. Distance from pumping station	25 ft.				
17. Capacity of each in gallons	44,000				
PRESSURE TANKS					
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)	Bleach 12.5 %				
41. Chlorinating equipment: 42. Manufacturer	Yes Stener				
42. Manufacturer 43. Type	Stener Metering pump				
44. Points of application	Pre-Stand Pipe				
45. Pounds per million gallons	9 lbs.				
46. Pressure filters					
47. Type of each					
48. Capacity of each	264 mg/l				
49. Hardness of water treated 50. Corrosion control, chemical agent	264 mg/l				
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?	continuous on-line Cl2 monitor				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	(~)		(~/	(0)	
1. Identification Number, Name, or description or each					
2. Elevation of relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
 Covered or open Elevated above pumping station (CL pumps = 1062.9') 					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
	Riverside				
 Identification Number or description of each Material (steel, wood, concrete, etc.) 	(Ground level storage) Steel				
12. Height of water column	24'				
13. Diameter of tank	24'				
14. Height of tank	27'				
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 	2' 20'				
16. Distance from pumping station 17. Capacity of each in gallons	100,000				
······································	,				
PRESSURE TANKS		Γ	Γ		
18. Identification number or description	Riverside #1	Riverside #2	Riverside #3	l	
19. Material	Fiberglass	Fiberglass	Fiberglass		
20. Length of tank	5'	5'	5'		
21. Diameter of tank	2'	2'	2'		
22. Capacity in gallons	119	119	119		
PURIFICATION SYSTEMS			I	ſ	
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered 33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
36. Dimensions					
37. Flocculators, type 38. Dimensions					
39. Sterilization - Is water sterilized?	yes, disinfection				
40. Agent used (liquid, chlorine, etc.)	liquid chlorine				
41. Chlorinating equipment:	-				
42. Manufacturer	Stenner				
43. Type 44. Points of application	injection pump well head				
45. Pounds per million gallons	Won noud				
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated					
49. Hardness of water treated 50. Corrosion control, chemical agent					
51. Pound per million gallons			1		
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?		1	1	l	

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	(4)	(5)	(4)	(-)	
1. Identification Number, Name, or description or each					
2. Elevation or relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
 Elevated above pumping station Distance from pumping station 					
8. Total capacity in gallons					
9. Inside dimensions					
Ground Storage					
10. Identification Number or description of each	Ground Storage Highland Tank				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column					
13. Diameter of tank	8 FT				
14. Length of tank 15. Elevation of inlet above pumping station	20 FT				
16. Distance from pumping station					
17. Capacity of each in gallons	4,500				
PRESSURE TANKS					
18. Identification number or description	Pressure Tank Highland Tank				
19. Material	Steel				
20. Length of tank	20 FT				
21. Diameter of tank	8 FT				
22. Capacity in gallons	4,500 Gallon				
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any	salt				
24. Function of plant-filter, soften, etc.	softener				
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)					
41. Chlorinating equipment:					
42. Manufacturer 43. Type					
44. Points of application					
45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated					
49. Hardness of water treated 50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?					

Acquired in 2018

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	N/A	(-)		(-)	
1. Identification Number, Name, or description or each					
2. Elevation of relief					
3. Use (source of supply or clear water)					
 Kind (earthen or masonry) Covered or open 					
 6. Elevated above pumping station (CL pumps = 1062.9') 					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Saddlebrooke				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column					
13. Diameter of tank	201				
 Height of tank Elevation of inlet above pumping station (CL pumps = 1062.9') 	80'			l	
16. Distance from pumping station					
17. Capacity of each in gallons	250,000				
PRESSURE TANKS					
18. Identification number or description		1		1	
19. Material					
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid	-				
31. Number of beds				<u> </u>	
32. Open or covered		1		1	
33. Surface dimensions				<u> </u>	
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
36. Dimensions 37. Flocculators, type					
37. Flocculators, type 38. Dimensions				<u>}</u>	
39. Sterilization - Is water sterilized?	ves, disinfection				
40. Agent used (liquid, chlorine, etc.)	liquid chlorine				
41. Chlorinating equipment:					
42. Manufacturer	Stenner				
43. Type	injection pump				
44. Points of application 45. Pounds per million gallons	well head			l	
46. Pressure filters					
47. Type of each					
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
 Total H.P. of all motors used in plant How frequently is an analysis of water made? 		1	<u> </u>	<u> </u>	
54. now nequency is an analysis of water made?					

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
	(6)		(6)	(6)	(1)
RESERVOIRS 1. Identification Number, Name, or description or each	[
2. Elevation of relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
 Covered or open Elevated above pumping station (CL pumps = 1062.9') 					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
	Spokane				
 Identification Number or description of each Material (steel, wood, concrete, etc.) 	(Ground level storage) Steel				
12. Height of water column	18'				
13. Diameter of tank	12'				
14. Height of tank	18' 10'				
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 	10 [.] 20'	+	<u> </u>		
17. Capacity of each in gallons	15,000				
PRESSURE TANKS					
18. Identification number or description	Spokane Bladder Tank #1	Spokane Bladder Tank #2			
19. Material 20. Length of tank	Steel 5'	Steel 5'			
21. Diameter of tank	2'	2'			
22. Capacity in gallons	86	86			
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid 31. Number of beds					
31. Number of beds 32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions			<u> </u>		
37. Flocculators, type					
38. Dimensions					
 Sterilization - Is water sterilized? Agent used (liquid, chlorine, etc.) 	yes, disinfection liquid chlorine				
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment:					
42. Manufacturer	Stenner				
43. Type	injection pump				
44. Points of application 45. Pounds per million gallons	well head				
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated					
49. Hardness of water treated 50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant 54. How frequently is an analysis of water made?		+	+		
s	1	1	1	1	1

TeleProtect TeleProtect <thteleprotect< th=""> <thteleprotect< th=""></thteleprotect<></thteleprotect<>	PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
1 Berticito Nurbe, Num, el coscipio el cost 		(0)	(0)	(u)	(e)	(1)
2 Decknown and wide Work (price on sealing) Image: Construct on work (Construct on Work (
10. Use, Concret stappy or diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use, Concret stappy or diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use, Concret stappy or diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use, Concret stappy or diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use, Concret stappy or diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work? 10. Use diar work? Image: Concret stappy or diar work? Image: Concret stappy or diar work?	2. Elevation of relief					
4 Mid (unto a maxing) Image in the maximum in the maximu	3 Use (source of supply or clear water)					
B. Bords dates programs Image: Section of Sectio						
Deck Deck <thdeck< th=""> Deck Deck <thd< td=""><td> Elevated above pumping station (CL pumps = 1062.9') </td><td></td><td></td><td></td><td></td><td></td></thd<></thdeck<>	 Elevated above pumping station (CL pumps = 1062.9') 					
9. Incid elements Image in a manual sector of anot in a sector of anothin a sector of anot in a sector of	7. Distance from pumping station					
Support Support						
Nether Nether Nether Nether Nether Nether 12. Negatify of water column 1	9. Inside dimensions					
11. Motio (deel, wood, concer); etc.) 11. Motion (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 12. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.) 13. Heigh (deel, wood, concer); etc.)	STANDPIPES OR ELEVATED TANKS					
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12 heigh value colum		F	İ	1		
14. Hold fank 1 <	12. Height of water column					
If. Elonization of Instatory programming station (U, propr. = 1002.7) Image: Construction of Instatory programming station (U, propr. = 1002.7) Construction of Instatory State of Association of Instatory Instator	13. Diameter of tank					
Notes from purping satisfies Image: Section of Section Sectin Section Sectin Section Section Section Section Sectin Sectin Sec						
17. Capacity of each in galions						
Pressure subsection Spring Valley #1 Spring Valley #2 Spring Valley #3 Spring Valley #4 Image: Spring Valley #3 19. dending Steel						
It Spring Valley #1 Spring Valley #2 Spring Valley #3 Spring Valley #4 19. Material 19. Material 20. Angeling dent 20. Strapping dent 20. Capacity in galors Stell <	17. Capacity of each in gallons		l		l	
Steal Steal <th< td=""><td>PRESSURE TANKS</td><td></td><td></td><td></td><td>1</td><td></td></th<>	PRESSURE TANKS				1	
Steal Steal <th< td=""><td>18 Identification number or description</td><td>Spring Valley #1</td><td>Spring Valley #2</td><td>Spring Valley #3</td><td>Spring Valley #4</td><td></td></th<>	18 Identification number or description	Spring Valley #1	Spring Valley #2	Spring Valley #3	Spring Valley #4	
Solution Solution Solution Solution Solution Solution Solution 20. Langely in galons 2 Capabily in galons 119 119 119 119 Comparison of solution systems Comparison of solution span Colspan Colspan <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
21. Diameter of tank 2° 2° 2° 2° 22. Capacity in galors 119 119 119 Construction of plant-files, soften, etc. PURFICATION SYSTEMS 2. Describe petretarineri, rany Colspan="2">Colspan="2" Colspan="2">Colspan="2" Colspan="2" Colspan="2" <td></td> <td>5'</td> <td>5'</td> <td></td> <td></td> <td></td>		5'	5'			
22. Capacity in galors 119 119 119 119 119 UNIFICATION SYSTEMS Colspan="4">Colspan="4"Colspan="4"		2'	2'			
Purplement Image: Constraint of plantfilms, rolling,		119	119	119	119	
24. Function of plant-filter, soften, etc. Includie			[[
25. Actions, type Including Including Including Including 27. Dimension of each setting basin Including Including Including Including 27. Dimension of each setting basin Including Including Including Including 28. Kind of coagulant Including Including Including Including Including 29. Pounds per milling aglons Including Including Including Including Including 30. Sand fittation - slow or raid Including Including Including Including Including 30. Sand fittation - slow or raid Including Including Including Including Including 31. Number of beds Including Including Including Including Including 33. Gard fittation - slow or raid Including Including Including Including 33. Gard fittation - slow or raid Including Including Including Including 33. Gard fittation - slow or raid Including Including Including Including 33. Gard fittation - slow or raid Including Including Including Including 33. Gard fittation - slow or raid Including Including Including	23. Describe pretreatment, if any					
28. Sedimentation Index of each settling basin Index of each settling basin 29. Ounds per million galons Index of each settling basin Index of each settling basin 29. Pounds per million galons Index of each settling basin Index of each settling basin 30. Sand filtration - skow or rapid Index of each settling basin Index of each settling basin 30. Sand filtration - skow or rapid Index of each settling basin Index of each settling basin 30. Sand filtration - skow or rapid Index of each settling basin Index of each settling basin 30. Sand filtration - skow or rapid Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. Surface dimensions Index of each settling basin Index of each settling basin 30. String ding basin settling basin Index of each settling basin<						
27. Dimension of each settling basin Indendies Indendies Indendies Indendies 28. Kind of coagulant Indendies Indendies Indendies Indendies 29. Pounds per million galons Indendies Indendies Indendies Indendies 30. Sand fitting indendies Indendies Indendies Indendies Indendies 31. Number of beds Indendies Indendies Indendies Indendies 32. Option covered Indendies Indendies Indendies Indendies 33. Surface dimensions Indendies Indendies Indendies Indendies 34. King do covered Indendies Indendies Indendies Indendies 35. Mining units, type Indendies Indendies Indendies Indendies 36. Mining units, type Indendies Indendies Indendies Indendies 37. Proceutions, type Indendies Indendies Indendies Indendies 38. Striftzation - kwater sterilized? Yes, disinfection Indendies Indendies 39. Striftzation - kwater sterilized? Yes, disinfection Indendies Indendies 40. Agent use ditiquid Indendies Indendies Indendies 41. Choinstring equipment: <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
28. Kind of coagulant Include			ļ		Į	
29. Pounds per million gallons Incl Incl Incl Incl 30. Sand fittation - slow or rapid Incl Incl Incl Incl 31. Number of beds Incl Incl Incl Incl 32. Open or covered Incl Incl Incl Incl 33. Gard fittation - slow or rapid Incl Incl Incl Incl 34. Capacity of beds - galons per day (per bed) Incl Incl Incl Incl 35. Ming units, type Incl Incl Incl Incl Incl 36. Dimensions Incl Incl Incl Incl Incl 37. Folculators, type Incl Incl Incl Incl Incl 38. Britization - is water sterilized? Yes, disinfection Incl Incl Incl 30. Stand fittation - galons Incl Incl Incl Incl 30. Stand fittation - galons Yes, disinfection Incl Incl Incl 30. Stand fittation - galons Yes, disinfection Incl Incl Incl 30. Stand fittation - galons Yes, disinfection Incl Incl Incl 40. Appritude galons Yes, disinfection Incl Incl Incl <						
30. Sand filtration - slow or rapid Inclume of beds Inclume of beds Inclume of beds 31. Number of beds Inclume of beds Inclume of beds Inclume of beds 32. Open or covered Inclume of beds Inclume of beds Inclume of beds 33. Surface dimensions Inclume of beds Inclume of beds Inclume of beds 34. Capacity of beds - gallons per day (per bed) Inclume of beds Inclume of beds Inclume of beds 35. Mingr units, type Inclume of beds Inclume of beds Inclume of beds Inclume of beds 36. Dimensions Inclume of beds Inclume of beds Inclume of beds Inclume of beds 30. Stritzation - Is water sterilized? Yes, disinfection Inclume of beds Inclume of beds 30. Agert used (lquid, choire, etc.) Holdrine - lquid Inclume of beds Inclume of beds 41. Choirating equipment: Inclume of application Inclume of application Inclume of application Inclume of application 42. MandGaturer Stenner Inclume of application Inclume of application Inclume of application 43. Points of application Well head Inclume of application Inclume of application Inclum	28. Kind of coagulant			1		
31. Number of beds Inclume in a finite intervent on a second of the	29. Pounds per million gallons					
32. Open or covered Including limits hype Including limits hy						
33. Surface dimensions Include dimensions Include dimensions Include dimensions 34. Capacity of beds - galons per day (per bed) Include dimensions Include dimensions Include dimensions 35. Mixing units, type Include dimensions Include dimensions Include dimensions Include dimensions 37. Flocculators, type Include dimensions Include dimensions Include dimensions Include dimensions 39. Sterilization - Is water sterilized? Yes, disinfection Include dimensions Include dimensions Include dimensions 40. Agent used (liquid, chlorine, etc.) Yes, disinfection Include dimensions Include dimensions Include dimensions 41. Chlorinating equipment: Include dimensions Include dimensions Include dimensions Include dimensions 42. Manufacturer Stenner Vacuum induction Include dimensions Include dimensions Include dimensions 43. Type of each Well Include dimensions Include dimensions Include dimensions 45. Popunds per million gallons Well Include dimensions Include dimensions Include dimensions 46. Capacity of each Include dimensions Include dimensions			ł			
34. Capacity of beds - gallons per day (per bed) Including units, type Including units, type Including units, type 35. Mixing units, type Including units, type Including units, type Including units, type 36. Dimensions Including units, type Including units, type Including units, type 37. Flocculators, type Including units, type Including units, type Including units, type 39. Dimensions Including units, type Including units, type Including units, type Including units, type 39. Sterilization - Is water sterilized? Yes, disinfection Including units, type Including units, type Including units, type 41. Chlorinating equipment: Including units, type Including units, type Including units, type Including units, type 43. Type Yes Stener Including units, type Including units, type Including units, type 43. Type Yes Yes Yes Yes Yes Including units, type 43. Type Yes Yes Yes Yes Yes Yes Including units, type 44. Points of application Well head Including units Including units, type I		<u> </u>	1			
35. Mixing units, type Including (pype) Including (pype) 36. Dimensions Including (pype) Including (pype) 37. Flocculators, type Including (pype) Including (pype) 38. Dimensions Including (pype) Including (pype) 39. Sterilization - Is wate sterilized? Yes, disinfection Including (pype) 40. Agent used (liquid, choine, etc.) Choine - liquid Including (pype) 41. Choinaing equipment: Including (pype) Including (pype) 42. Manufacturer Stenner Including (pype) Including (pype) 43. Type Vacuum induction Including (pype) Including (pype) 44. Points of application Well head Including (pype) Including (pype) 45. Pounds per million gallons Well head Including (pype) Including (pype) 46. Apsoint fulle gallons Including (pype) Including (pype) Including (pype) 47. Type of each Including (pype) Including (pype) Including (pype) Including (pype) 49. Hardness of water treated Including (pype) Including (pype) Including (pype) Including (pype) 51. Pound per million gallons <t< td=""><td>34. Capacity of beds - gallons per day (per bed)</td><td></td><td></td><td></td><td></td><td></td></t<>	34. Capacity of beds - gallons per day (per bed)					
36. Dimensions Immensions Immensions Immensions Immensions 37. Floculators, type Immensions Immensions Immensions Immensions 39. Sterilization - Is water sterilized? Yes, disinfection Immensions Immensions Immensions 39. Sterilization - Is water sterilized? Yes, disinfection Immensions Immensions Immensions 30. Agent used (liquid, chlorine, eliquid Immensions Immensions Immensions Immensions 41. Chlorinating equipment: Immensions Immensions Immensions Immensions Immensions 42. Manufacturer Stenner Immensions Immensions Immensions Immensions 43. Type Yeons of application Manufacturer Immensions Immensions Immensions 44. Points of application Well head Immensions Immensions Immensions Immensions 45. Pounds per million gallons Immensions Immensions Immensions Immensions Immensions 48. Capacity of each Immensions Immensions Immensions Immensions Immensions 50. Corrosion control, che		<u>-</u>				
37. Floculators, type Indentify the set sterilized Indentify the set sterilized Indentify the set sterilized 39. Sterilization - Is water sterilized? Yes, disinfection Indentify the set sterilized Indentify the set sterilized 40. Agent used (liquid, chorine, etc.) chorine - liquid Indentify the set sterilized Indentify the set sterilized 41. Chorinating equipment: Sterinary Sterinary Indentify the set sterilized Indentify the set sterilized 42. Manufacturer Stenner Sterinary Indentify the set sterilized Indentify the set sterilized 43. Type Vacuum induction Indentify the set sterilized Indentify the set sterilized Indentify the set sterilized 45. Points of application well head Indentify the set set sterilized Indentify the set set set set set set set set set se						
38. Dimensions	37. Flocculators, type					
40. Agent used (liquid, chlorine, elc.) chlorine - liquid Inchorina equipment: Inchorina equipment	38. Dimensions					
41. Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:42. ManufacturerStennerStennerImage: Choirnating equipment:Image: Choirnating equipment:43. TypeYacuum inductionImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:43. TypeYacuum inductionImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:44. Points of applicationWell headImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:45. Pounds per million gallonsImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:46. Pressure filtersImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:47. Type of eachImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:49. Hardness of water treatedImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:50. Corosion control, chemical agentImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:50. Total Horos used in plantImage: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:Image: Choirnating equipment:50. Total Horos used in plantImage:						
42. Manufacturer Stenner Image: Stenner Image: Stenner Image: Stenner Image: Stenner 43. Type Vacuum induction Image: Stenner Image: Stenner Image: Stenner Image: Stenner 44. Points of application Well head Image: Stenner	40. Agent used (liquid, chlorine, etc.)	chlorine - liquid				
43. Type vacuum induction Image: Construction Image: Construction 44. Points of application Well head Image: Construction Image: Construction 45. Points of application Image: Construction Image: Construction Image: Construction 46. Pressure filters Image: Construction Image: Construction Image: Construction Image: Construction 47. Type of each Image: Construction						
44. Points of application well head Image: Constraint of application Image: Constraint of application 45. Pounds per million gallons Image: Constraint of application Image: Constraint of application Image: Constraint of application 46. Pressure filters Image: Constraint of application Image: Constraint of application Image: Constraint of application 47. Type of each Image: Constraint of application Image: Constraint of application Image: Constraint of application 48. Capacity of each Image: Constraint of application Image: Constraint of application Image: Constraint of application 49. Hardness of water treated Image: Constraint of application Image: Constraint of application Image: Constraint of application 50. Corresion control, chemical agent Image: Constraint of application Image: Constraint of application Image: Constraint of application 50. Total H.P. of all motors used in plant Image: Constraint of application Image: Constraint of application Image: Constraint of application 50. Total H.P. of all motors used in plant Image: Constraint of application Image: Constraint of application Image: Constraint of application						
45. Pounds per million gallons Incl	43. Type					
46. Pressure filters Image: Section of the sectin of the section of the section of the section	44. Founds of application 45. Pounds per million gallons		<u> </u>	1	1	
47. Type of each Image: Constraint of the co	46. Pressure filters	<u> </u>	<u> </u>		1	
48. Capacity of each Image: Capacity o			1		1	
49. Hardness of water treated Image: Corrosion control, chemical agent Imag						
50. Corrosion control, chemical agent Image: Corrosion control, chemical agent Imagent Image: Corrosion control, che	49. Hardness of water treated	<u> </u>	1		1	
51. Found per million gallons Image: Constraint of the second secon	50. Corrosion control, chemical agent					
52. Type of feeders (dry or slurry) 53. Total H.P. of all motors used in plant	51. Pound per million gallons					
53. Total H.P. of all motors used in plant 54. How frequently is an analysis of water made?	52. Type of feeders (dry or slurry)					
54. How frequently is an analysis of water made?	53. Total H.P. of all motors used in plant					
	54. How frequently is an analysis of water made?					

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(c)	(d)	(e)	(f)
RESERVOIRS					
 Identification Number, Name, or description or each Elevation of relief 	NA				
 Elevation of relief Use (source of supply or clear water) 					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station (CL pumps = 1062.9')					
 7. Distance from pumping station 8. Total capacity in gallons 					
9. Inside dimensions					
			•		
STANDPIPES OR ELEVATED TANKS		I	1		
10. Identification Number or description of each	Stonebridge tower (spheroid)	Forest Lake ground storage tank (cylindrical)			
10. Identification Number of description of each 11. Material (steel, wood, concrete, etc.)	Stonebridge tower (spheroid) Steel	Steel			
12. Height of water column	69'	14'			
13. Diameter of tank	40'	44'			
14. Height of tank	96	22			
 Elevation of inlet above pumping station (CL pumps = 1062.9') Distance from pumping station 					
17. Capacity of each in gallons	400,000	250,000			
5 5	,				
PRESSURE TANKS					
18. Identification number or description					
19. Material					
20. Length of tank 21. Diameter of tank					
22. Capacity in gallons					
			•		
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type 26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid 31. Number of beds		+	1		
32. Open or covered		1			
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?	Yes, disinfection	Yes, disinfection			
 Agent used (liquid, chlorine, etc.) Chlorinating equipment: 	Liquid	Liquid			
41. Chlorinating equipment: 42. Manufacturer	Stenner	Stenner	1		
43. Type	Injection pump	Injection pump			
44. Points of application	Well head	Well head			
45. Pounds per million gallons					
46. Pressure filters 47. Type of each		+	1		
48. Capacity of each		1			
49. Hardness of water treated		<u> </u>			
50. Corrosion control, chemical agent					
51. Pound per million gallons 52. Type of feeders (dry or slurry)					
52. Type of feeders (dry or slurry) 53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?		1			
	1				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS					
1. Identification Number, Name, or description or each					
2. Elevation or relief					
 Use (source of supply or clear water) Kind (earthen or masonry) 					l
5. Covered or open			+	łł	[
6. Elevated above pumping station					
7. Distance from pumping station					
8. Total capacity in gallons 9. Inside dimensions					
		<u> </u>	<u> </u>		
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Well #4 5024601104		Well #6		
11. Material (steel, wood, concrete, etc.) 12. Height of water column	Steel	Steel	Steel		
13. Diameter of tank	30'	29'	27'		[
14. Height of tank	68'	88'	118'		[
Elevation of inlet above pumping station					
16. Distance from pumping station	400,000	445,000	500,000	<u> </u>	i
17. Capacity of each in gallons	400,000	443,000	000,000	1	
PRESSURE TANKS					
18. Identification number or description					
19. Material			+	łł	[
20. Length of tank		1	1		
21. Diameter of tank					
22. Capacity in gallons					1
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any		·			[
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant		+	+		
29. Pounds per million gallons		+	1		1
30. Sand filtration - slow or rapid					
31. Number of beds		_	_	<u> </u>	
32. Open or covered 33. Surface dimensions		+	+	l	l
34. Capacity of beds - gallons per day (per bed)		+	<u>+</u>	łł	[
35. Mixing units, type					
36. Dimensions		L	<u></u>		
37. Flocculators, type 38. Dimensions				↓ !	i
38. Dimensions 39. Sterilization - Is water sterilized?	Yes, disinfection	Yes, disinfection	Yes, disinfection	l	[
40. Agent used (liquid, chlorine, etc.)	Liquid	Gas	Liquid	1	
41. Chlorinating equipment:	·				
42. Manufacturer	Stenner	Regal	Stenner	l	l
43. Type 44. Points of application	Injection pump Well head	Vacuum induction Well head	Injection pump Well head	l	i
44. Points of application 45. Pounds per million gallons		The second secon	The second secon	łł	[
46. Pressure filters		1	<u>t</u>	<u>† </u>	<u> </u>
47. Type of each					
48. Capacity of each		<u> </u>	<u> </u>	J	
49. Hardness of water treated 50. Corrosion control, chemical agent		+	+	l	l
51. Pound per million gallons		+	<u>+</u>	l	[
52. Type of feeders (dry or slurry)		<u> </u>	1		[
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?	daily	daily	daily		

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS		(6)	(0)	(*/	(1)
1. Identification Number, Name, or description or each	r				
2. Elevation or relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
Elevated above pumping station					
7. Distance from pumping station					
 8. Total capacity in gallons 9. Inside dimensions 					
3. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	TRE Well MO5036232				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column					
13. Diameter of tank	10'				
14. Height of tank	17'				
15. Elevation of inlet above pumping station	15'				
16. Distance from pumping station 17. Capacity of each in gallons	10,000	1		<u> </u>	
	10,000	l	1	1	
PRESSURE TANKS		r	1		
10 Identification number or description	1				
18. Identification number or description 19. Material	1	2	3		
20. Length of tank	48"	48"	60"		
21. Diameter of tank	18"	18"	18"		
22. Capacity in gallons	62	62	70		
PURIFICATION SYSTEMS		1		l	
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation 27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
 Capacity of beds - gallons per day (per bed) Mixing units, type 	<u> </u>			<u>}</u>	
36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Disinfection - Is water disinfected?	Yes, disinfection				
40. Agent used (liquid, chlorine, etc.)	Liquid				
41. Chlorinating equipment: 42. Manufacturer	Stenner			<u>}</u>	
43. Type	Injection pump	1			
44. Points of application	Well head				
45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated	328 mg/L			l	
50. Corrosion control, chemical agent	520 mg/L				
51. Pound per million gallons		1			
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?					

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
	(0)	(6)	(u)	(8)	(1)
RESERVOIRS 1. Identification Number, Name, or description or each	None		[
2. Elevation or relief	None				
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station					
7. Distance from pumping station					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	EHLMANN RD	HARVESTER RD	HARVESTER RD	TOWERS RD	KNAUST RD
11. Material (steel, wood, concrete, etc.)	STEEL	STEEL	STEEL	STEEL	STEEL
12. Height of water column	35 FEET	100 FEET	100 FEET	85 FEET	133 FEET
13. Diameter of tank	48 FEET		50 FEET	65 FEET	98 FEET
14. Height of tank	35 FEET	100 FEET	100 FEET	85 FEET	140 FEET
15. Elevation of inlet above pumping station	74 FEET	164 FEET	165 FEET	175 FEET	238 FEET
16. Distance from pumping station	6.87 MILES	2.85 MILES	2.85 MILES	0.94 MILES	6.5 MILES
17. Capacity of each in gallons	500,000	3,500,000	1,500,000	2,000,000	2,000,000
PRESSURE TANKS					
18. Identification number or description	None				
19. Material	110110				
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					1
23. Describe pretreatment, if any	None				
24. Function of plant-filter, soften, etc.	None				
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
 Surface dimensions Capacity of beds - gallons per day (per bed) 			<u> </u>		1
35. Mixing units, type					
36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)					
41. Chlorinating equipment:					
42. Manufacturer					
43. Type 44. Points of application					
44. Points of application 45. Pounds per million gallons					
46. Pressure filters					
47. Type of each					
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry)					Į
53. Total H.P. of all motors used in plant	Operational and a situation of the OLO		Operations and a standard for OLO		Operation of the standard for OLC
54. How frequently is an analysis of water made?	Continuous monitoring for CL2 and Turbidity	Continuous monitoring for CL2 and Turbidity	Continuous monitoring for CL2 and Turbidity	Continuous monitoring for CL2 and Turbidity	Continuous monitoring for CL2 and Turbidity
or. now noquently is an analysis of water fildue?	ranoidity	ransialty	Li di Didity	ranoidity	T droidity

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	(5)	(0)	(4)		
1. Identification Number, Name, or description or each					[
2. Elevation or relief					1
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					1
5. Covered or open					l
6. Elevated above pumping station					ł
 Distance from pumping station Total capacity in gallons 					l
9. Inside dimensions					l
					L
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Landis Standpipe	Union Stand Pipe	Agency Stand Pipe		
11. Material (steel, wood, concrete, etc.)	Steel	Steel	Steel		
12. Height of water column	110'	110'	120'		l
13. Diameter of tank	10'	8'	10'		l
14. Height of tank 15. Elevation of inlet above pumping station	110' 262	110' 257	120' 228		ł
16. Distance from pumping station	262 10 Miles	6 Miles	8.5 Miles		<u> </u>
17. Capacity of each in gallons	.064 MG	.041MG	.070MG	<u> </u>	i
				1	
PRESSURE TANKS		1	1		
18. Identification number or description		1	1	l	h
19. Material					1
20. Length of tank					l
21. Diameter of tank					1
22. Capacity in gallons					1
PURIFICATION SYSTEMS		1	1		
23. Describe pretreatment, if any					l
24. Function of plant-filter, soften, etc.					l
25. Aerators, type					l
26. Sedimentation					l
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					l
30. Sand filtration - slow or rapid					ł
31. Number of beds 32. Open or covered					l
32. Open or covered 33. Surface dimensions					<u> </u>
34. Capacity of beds - gallons per day (per bed)					i
35. Mixing units, type					[
36. Dimensions					
37. Flocculators, type					
38. Dimensions				ļ	
39. Sterilization - Is water sterilized?					l
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment:					H
41. Chlorinating equipment: 42. Manufacturer					<u> </u>
43. Type				1	i
44. Points of application				1	1
45. Pounds per million gallons					[
46. Pressure filters					l
47. Type of each					
48. Capacity of each				ļ	
49. Hardness of water treated					ł
50. Corrosion control, chemical agent 51. Pound per million gallons					ł
51. Pound per million gallons 52. Type of feeders (dry or slurry)					<u> </u>
53. Total H.P. of all motors used in plant				1	i
54. How frequently is an analysis of water made?		1	1	1	[
					,

ST JOSEPH OPERATIONS

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	(5)	(6)	(u)	(5)	
1. Identification Number, Name, or description or each	King Hill North	King Hill South	Hill #1	Hill #2	Water Treatment Plant
2. Elevation or relief	35'	35'	39.5'	39.5'	18'
3. Use (source of supply or clear water)	Clear Water	Clear Water	Clear Water	Clear Water	Clear Water
4. Kind (earthen or masonry)	Steel	Steel	Steel	Steel	Concrete
5. Covered or open	Covered	Covered	Covered	Covered	Covered
6. Elevated above pumping station	246	246'	326'	326'	0
7. Distance from pumping station	7.1 Miles	7.1 Miles	2600'	2600'	0
8. Total capacity in gallons	2.0 MG	2.0 MG	3.3 MG	3.3 MG	1.5 MG
9. Inside dimensions	100' x 35'	100' x 35'	120' x 40'	130' x 40'	109' x 52.7'
STANDPIPES OR ELEVATED TANKS					
	-				
10. Identification Number or description of each	Faucet	Belt Hwy	So. 22nd St. Tank	Industrial Park Tank	Karnes Road Tank
11. Material (steel, wood, concrete, etc.)	Sold 2014	Sold 2014	Steel	Steel	Steel
12. Height of water column	Not In service	Not In service	133'	13.7'	150'
13. Diameter of tank			56'	75.5'	64.5
14. Height of tank			133'	137'	150'
15. Elevation of inlet above pumping station			188'	211.4'	222.1'
16. Distance from pumping station			2.4 Miles	5.0 Miles	2.5 Miles
17. Capacity of each in gallons	L		0.5 MG	1.0 MG	0.75 MG
PRESSURE TANKS					
19. Identification number or description	Nepo				
18. Identification number or description 19. Material	None				
19. Material 20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
CO. Describe materials from the					
23. Describe pretreatment, if any	Outline Outline Outline at the				
Of Employed States Street Street Street Street	Soften, Oxidation, Sedimentation, Filtration, Disinfection				
24. Function of plant-filter, soften, etc.					
25. Aerators, type 26. Sedimentation	None	Clarifier #2	Clarifier #3		
27. Dimension of each settling basin	Clarifier #1 105' x 22'	105' x 22'	105' x 22'		
28. Kind of coagulant	NA	NA	NA		
29. Pounds per million gallons	NA 0	0	0		
30. Sand filtration - slow or rapid	Rapid	-	-		
31. Number of beds	6 each	Rapid 6 each	Rapid 6 each		
32. Open or covered	Covered	Covered	Covered		
33. Surface dimensions	15' x 25'	15' x 25'	15' x 25'		
34. Capacity of beds - gallons per day (per bed)	6.000.000 each	6,000,000 each	6,000,000 each		
35. Mixing units, type	Rapid Mixer -2 each	Rapid Mixer -2 each	Rapid Mixer -2 each		
36. Dimensions 37. Flocculators, type	8' 4" x 5' 6" each Eurodrive, Vertical Floccul.	8' 4" x 5' 6" each Eurodrive, Vertical Floccul.	8' 4" x 5' 6" each Eurodrive, Vertical Floccul.		
37. Flocculators, type 38. Dimensions	9' 0" Diameter each	9' 0" Diameter each	9' 0" Diameter each		
		9 U Diameter each	a n Diametel each		
39. Sterilization - Is water sterilized?	Disinfected Chlorine, Ammonia				
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment:	5 ea. Capital, 2 ea. Capital				
42. Manufacturer	Capital Controls				
42 Turne	Evaporator, Vacuum-Gas Feed-				
43. Туре	Automatic Control				
	Plant Influent Flume				
	Clarifier Influent Flume				
	Filter Influent Flume				
44. Points of application	Clearwell Influent Flume				
	Chlorine - 49.82.0,				
45. Pounds per million gallons	Ammonia 5.4				
46. Pressure filters	No				
47. Type of each					
48. Capacity of each	0.10				
49. Hardness of water treated	340				
	Pebble Quick Lime, Poly-Ortho				
50. Corrosion control, chemical agent	phosphate blend				
51. Pound per million gallons	Pebble Quick Lime 1044.0	Pebble Quick Lime			
52. Type of feeders (dry or slurry)	Gravimetric Dry	Pump Slurry	Pump Slurry		
52. Type of feeders (dry of slutty)					
	Well Pumps - 3,950				
52. Total H.P. of all motors used in plant	Plant Pumps - 1,000				

ST. LOUIS COUNTY OPERATIONS - Central Plant

		INDPIPES, PRESSURE TANKS, AND PU			
PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
	(b)	(6)	(d)	(e)	(1)
RESERVOIRS					
1. Identification Number, Name, or description or each	Filter Plant Clearwell #1 461.2 M.S.L	Filter Plant Clearwell #2 469.75 M.S.L			
 Elevation or relief Use (source of supply or clear water) 	Clear Water	Clear Water			
4. Kind (earthen or masonry)	Masonry	Masonry			
5. Covered or open	Covered	Covered			
6. Elevated above pumping station	12.5'	9.5'			
7. Distance from pumping station	100' 261.000	15' 670.000			
 8. Total capacity in gallons 9. Inside dimensions 	114.5' x 43.5' x 7'	138.5' x 50' x 13'			
				I	
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Wash Water Tank #1	Wash Water Tank #2	Wash Water Tank #3		
11. Material (steel, wood, concrete, etc.)	Steel	Steel	Steel		
12. Height of water column	52'	40'	40'		
13. Diameter of tank	34'	38'	90'		
14. Height of tank	65' 30'	60'	28'		
15. Elevation of inlet above pumping station 16. Distance from pumping station	100'	8' 75'	8' 50'		
17. Capacity of each in gallons	160,000	1,270,000	1,333,000		
PRESSURE TANKS					
18. Identification number or description	None				
18. Identification number or description 19. Material	INDRE				
20. Length of tank	<u></u>				
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
	A Treatment Train - Coagulant &	B Treatment Train - Coagulant &	C/D/FP Treatment Train - Coagulant &		
23. Describe pretreatment, if any	Chlorination	Chlorination	Chlorination		
	Soften, Clarification, Filtration,	Soften, Clarification, Filtration,	Soften, Clarification, Filtration,		
24. Function of plant-filter, soften, etc.	Disinfection	Disinfection	Disinfection None		
25. Aerators, type 26. Sedimentation	None Horizontal Flow	None Horizontal Flow	None Horizontal Flow		
20. Ocdimentation	Honzontar How	TION 2011/2111 IOW	Primary		
			1) 580' x 108'		
			1) 465' x 108'		
		Primary = 369' x 166.5' x 16', Secondary	1) 455' x 119' 1) 458' x 258' X Depth = 13.5'		
27. Dimension of each settling basin	= 369' x 311' x 16'	= 369' x 311' x 16'	Secondary = 2) Irregular Shapes		
27. Dimension of each setting basin	Liquid Ferric Sulfate and	Liquid Ferric Sulfate	Liquid Ferric Sulfate,		
28. Kind of coagulant	Polymer	and Polymer	and Polymer		
	Total for all treatment trains - Liquid Ferrie				
29. Pounds per million gallons 30. Sand filtration - slow or rapid	= 210, Polymer = 19 Rapid	n/a Rapid	n/a Rapid		
31. Number of beds	6	6	22		
32. Open or covered	Open	Open	Covered		
33. Surface dimensions	50' x 32'	50' x 32'	16 @ 43.5' x 12' & 6 @ 50' x 20'		
34. Capacity of beds - gallons per day (per bed)	66,000,000 Flash Mix	66,000,000 Flash Mix	16 @ 49,000,000 & 6 @ 35,000,000		
35. Mixing units, type 36. Dimensions	A=34' X D=15'	A=36.5' X D=15'	Flash Mix 2) A=105 X D 12'		
37. Flocculators, type	Paddle Type	Paddle Type	Paddle Type		
			1) 78' x 98'		
			1) 72' x 108'		
38. Dimensions	369' x 53.5.5' x 16'	369' x 53.5.5' x 16'	1) 70' x 119' 1) 88' x 253' X Depth = 13.5'		
39. Sterilization - Is water sterilized?	309 X 53.5.5 X 16 Yes	309 X 53.5.5 X 16 Yes	1) 88 x 253 X Depth = 13.5 Yes		
40. Agent used (liquid, chlorine, etc.)	Chlorine	Chlorine	Chlorine		
41. Chlorinating equipment:	Evaporator	Evaporator	Evaporator		
42. Manufacturer 43. Type	Wallace & Tiernan	Wallace & Tiernan	Wallace & Tiernan		
43. Type 44. Points of application	Ejector Flash Mix	Ejector Flash Mix	Ejector Flash Mix		
45. Pounds per million gallons	Total for all treatment trains = 37.4	n/a	n/a		
46. Pressure filters	None	None	None		
47. Type of each	None	None	None		
48. Capacity of each	None	None	None		
49. Hardness of water treated 50. Corrosion control, chemical agent	232 mg/L (raw) Polyphosphate	232 mg/L (raw) Polyphosphate	232 mg/L (raw) Polyphosphate		
oo. oonoolon oonii oi, onomioar ayoni	Total for all treatment trains	, organoophilito	r organoopriato		
51. Pound per million gallons	= 9.9	n/a	n/a		
52. Type of feeders (dry or slurry)	Slurry & Liquid	Slurry & Liquid	Slurry & Liquid		
53. Total H.P. of all motors used in plant	30,500 Continuous monitoring, lab tests twice	n/a Continuous monitoring, lab tests twice	n/a Continuous monitoring, lab tests twice		
54. How frequently is an analysis of water made?	daily and as needed.	daily and as needed.	daily and as needed.		

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
	(ΰ)	(0)	(d)	(e)	(1)
RESERVOIRS 1. Identification Number, Name, or description or each	None				
 Elevation or relief Use (source of supply or clear water) 					
4. Kind (earthen or masonry)					
 Covered or open Elevated above pumping station 					
Distance from pumping station					
8. Total capacity in gallons 9. Inside dimensions					
			•	•	
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each 11. Material (steel, wood, concrete, etc.)	Wash Water Tank Steel				
12. Height of water column	40'				
13. Diameter of tank 14. Height of tank	65' NA				
15. Elevation of inlet above pumping station	NA				
16. Distance from pumping station 17. Capacity of each in gallons	142' 1,000,000				
		•		•	-
PRESSURE TANKS			1	1	
18. Identification number or description	None				
19. Material 20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS		T	Γ	Γ	
	Coagulant &	Coagulant &	Coagulant &	Coagulant &	
23. Describe pretreatment, if any	Chlorination Soften, Clarification, Filtration,	Chlorination Soften, Clarification, Filtration,	Chlorination Soften, Clarification, Filtration,	Chlorination Soften, Clarification, Filtration,	
24. Function of plant-filter, soften, etc.	Disinfection	Disinfection	Disinfection	Disinfection	
25. Aerators, type 26. Sedimentation	None Horizontal Flow	None Horizontal Flow	None Horizontal Flow	None Horizontal Flow	
	Softening - 90' diameter x 16' deep Primary Settling - 91.1' x 172' with	Softening - 90' diameter x 16' deep Primary Settling - 91.1' x 172' with	Softening - 90' diameter x 16' deep Primary Settling - 90.7' x 172' with	Softening - 90' diameter x 16' deep Primary Settling - 90.7' x 172' with	
	sloped sides	sloped sides	sloped sides	sloped sides	
27. Dimension of each settling basin	Secondary Settling - 207' x 172' with sloped sides	Secondary Settling - 207' x 172' with sloped sides	Secondary Settling - 222.4' x 172' with sloped sides	Secondary Settling - 222.4' x 172' with sloped sides	
28. Kind of coagulant	Ferric Chloride	Ferric Chloride	Ferric Chloride	Ferric Chloride	
29. Pounds per million gallons 30. Sand filtration - slow or rapid	384 Rapid	384 Rapid	384 Rapid	384 Rapid	
31. Number of beds	2	2	2	2	
32. Open or covered 33. Surface dimensions	Open 1,408 Sq. Ft. per bed	Open 1,408 Sq. Ft. per bed	Open 1,456 Sq. Ft. per bed	Open 1,456 Sq. Ft. per bed	
34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type	6 MGD Softener Turbine	6 MGD Softener Turbine	6 MGD Softener Turbine	6 MGD Softener Turbine	
36. Dimensions	NA	NA	NA	NA	
37. Flocculators, type	Paddle Type - with Air Wheels 49.6' x 172' x 16" high - with sloped	Paddle Type - with Air Wheels 49.6' x 172' x 16" high - with sloped	Paddle Type - with Air Wheels 49.6' x 172' x 16" high - with sloped	Paddle Type - with Air Wheels 49.6' x 172' x 16" high - with sloped	
38. Dimensions	sides	sides	sides	sides	
 Sterilization - Is water sterilized? Agent used (liquid, chlorine, etc.) 	Yes 0.8% bleach	Yes 0.8% bleach	Yes 0.8% bleach	Yes 0.8% bleach	
41. Chlorinating equipment: 42. Manufacturer	Metering Pump Verder	Metering Pump Verder	Metering Pump Verder	Metering Pump Verder	
43. Type	Peristaltic (hose) pumps (VFD)				
	Plant influent (primary) Mixing Zone (secondary)				
44. Points of application	filter effluent (post)	filter effluent (post)	filter effluent (post)	filter effluent (post)	
45. Pounds per million gallons 46. Pressure filters	186.3 lb/MG (salt) None	186.3 lb/MG (salt) None	186.3 lb/MG (salt) None	186.3 lb/MG (salt) None	
47. Type of each	NA	NA	NA	NA	
48. Capacity of each 49. Hardness of water treated	NA 174 mg/L (raw)	NA 174 mg/L (raw)	NA 174 mg/L (raw)	NA 174 mg/L (raw)	
50. Corrosion control, chemical agent	Polyphosphate	Polyphosphate	Polyphosphate	Polyphosphate	
51. Pound per million gallons 52. Type of feeders (dry or slurry)	Slurry	10 Slurry	10 Slurry	10 Slurry	
53. Total H.P. of all motors used in plant	Intakés - 1,800 High Service - 4,800	Intakes - 1,800 High Service - 4,800	Intakes - 1,800 High Service - 4,800	Intakes - 1,800 High Service - 4,800	
	Continuous monitoring, lab tests twice				
54. How frequently is an analysis of water made?	daily and as needed.				

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
RESERVOIRS	(~)		(4)		
1. Identification Number, Name, or description or each	None				
2. Elevation or relief					
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station					
 Distance from pumping station Total capacity in gallons 					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	West Wash Water Tank	East Wash Water Tank			
11. Material (steel, wood, concrete, etc.)	Steel	Steel			
12. Height of water column	29'	29'			
13. Diameter of tank	52'	57'			
14. Height of tank	33'	NA			
15. Elevation of inlet above pumping station	43.08 feet above	41 feet above			
16. Distance from pumping station	330'	420'			
17. Capacity of each in gallons	500,000	500,000			
PRESSURE TANKS					
18. Identification number or description					
19. Material					
20. Length of tank					
21. Diameter of tank 22. Capacity in gallons					
zz. Capacity in gallons					
PURIFICATION SYSTEMS		-	I		Γ
23. Describe pretreatment, if any	Coagulant, Chlorination	Coagulant, Chlorination			
23. Describe precedencia, il any	Soften, Clarification, Filtration,	Soften, Clarification, Filtration,			
24. Function of plant-filter, soften, etc.	Disinfection	Disinfection			
25. Aerators, type	None	None			
26. Sedimentation	Horizontal flow	Horizontal flow			
	Pre-Sed - 200' dia	Pre-Sed - 230' dia			
	Primary - 146.5' x 354'	Primary - 180' x 372'			
27. Dimension of each settling basin	Secondary - 195.5' x 354' Ferric Sulfate, Polymer	Secondary - 316' x 372' Ferric Sulfate, Polymer			
28. Kind of coagulant 29. Pounds per million gallons	Ferric = 250 Polymer = 18.2	Ferric = 250 Polymer = 18.2			
30. Sand filtration - slow or rapid	Rapid	Rapid			
31. Number of beds	6	6			
32. Open or covered	Open	Open			
33. Surface dimensions	30' x 48'	32' x 50'			
34. Capacity of beds - gallons per day (per bed)	6 MG	10 MG	l		
35. Mixing units, type	Flash Mix	Flash Mix			
36. Dimensions	9' x 3' Paddla Type	9' x 3' Paddla Turca			
37. Flocculators, type	Paddle Type Primary - 67' x 354'	Paddle Type Primary - 66.67' x 372'	<u> </u>	1	<u> </u>
38. Dimensions	Secondary - 49' x 354'	Secondary - 49.33' x 372'			
39. Sterilization - Is water sterilized?	Yes	Yes			
40. Agent used (liquid, chlorine, etc.)	Chlorine	Chlorine			
41. Chlorinating equipment:	Evaporator	Evaporator			
42. Manufacturer	Wallace Tiernan	Wallace Tiernan			
43. Type	Ejector	Ejector			
44. Points of application 45. Pounds per million gallons	Flash Mix 38	Flash Mix 38	l		
46. Pressure filters	None	None			
47. Type of each	NA	NA			
48. Capacity of each	NA	NA	1		
49. Hardness of water treated	232 mg/L (raw)	232 mg/L (raw)			
50. Corrosion control, chemical agent	Polyphosphate	Polyphosphate			
51. Pound per million gallons	10	10			
52. Type of feeders (dry or slurry)	Liquid	Liquid			
53. Total H.P. of all motors used in plant	11,500	Continuous menitarian lab tasta 4			
54. How frequently is an analysis of water made?	Continuous monitoring, lab tests three times daily and as needed.	Continuous monitoring, lab tests three times daily and as needed.			
or. now nequently is an analysis of water fillade?	anos dany and as needed.	amos dany and as needed.	1		1

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
	(5)	(6)	(u)	(e)	(1)
RESERVOIRS	<u></u>	1		1	
 Identification Number, Name, or description or each Elevation or relief 	None				
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)					
5. Covered or open					
6. Elevated above pumping station					
 7. Distance from pumping station 8. Total capacity in gallons 					
9. Inside dimensions					
		•		•	
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Wash Water Tank				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column	45'				
13. Diameter of tank 14. Height of tank	59' 59'				
14. Height of tank 15. Elevation of inlet above pumping station	59 53.3'				
16. Distance from pumping station	0.1 mile				
17. Capacity of each in gallons	1,200,000				
PRESSURE TANKS					
18. Identification number or description	None				
19. Material					
20. Length of tank 21. Diameter of tank					
22. Capacity in gallons					
					1
PURIFICATION SYSTEMS					
PURIFICATION SYSTEMS					[
23. Describe pretreatment, if any	Coagulant & Chlorination	Coagulant & Chlorination			
04 Evention of allows filling and the state	Soften, Clarification,	Clarification,			
24. Function of plant-filter, soften, etc. 25. Aerators, type	disinfection, and filtration None	disinfection, and filtration None			
26. Sedimentation	Horizontal Flow	Horizontal Flow			
		40,000 sq. ft top X 32,000 sq. ft. bottom X			
27. Dimension of each settling basin	15' deep	15' deep			
28. Kind of coagulant 29. Pounds per million gallons	Liquid Ferric Chloride 349	Liquid Ferric Chloride 349			
30. Sand filtration - slow or rapid	Rapid	Rapid			
31. Number of beds	2	3			
32. Open or covered	Open	Open			
33. Surface dimensions	1,800 Sq. Ft. Each	1,564 Sq. Ft. Each			
 Capacity of beds - gallons per day (per bed) Mixing units, type 	8.7 MGD Softener turbine	7.5 MGD Softener turbine		<u> </u>	ł
36. Dimensions	452 sq. ft. X 15' deep	1,500 sq. ft. X 15' deep		<u> </u>	
37. Flocculators, type	Paddle Type	Paddle Type		<u> </u>	
	7,650 sq. ft. top X 4,500 sq. ft. bottom X	10,000 sq. ft. top X 8,000 sq. ft. bottom X			
38. Dimensions	15' deep	15' deep			
 Sterilization - Is water sterilized? Agent used (liquid, chlorine, etc.) 	Yes 0.8% Bleach/13% Bleach	Yes 0.8% Bleach/13% Bleach		<u> </u>	l
41. Chlorinating equipment:	Metering pump	Metering pump			
42. Manufacturer	Baldor-Reliance	Baldor-Reliance			
43. Туре	Centrifugal Pump (Mag Drive)	Centrifugal Pump (Mag Drive)			
44. Points of application	Plant influent (primary), Mixing Zone (secondary), filter effluent (post)	Plant influent (primary), Mixing Zone (secondary), filter effluent (post)			1
44. Points of application 45. Pounds per million gallons	6.38 lb as salt/331 (as 13% Bleach)	6.38 lb as salt/331 (as 13% Bleach)		1	l
46. Pressure filters	None	None		1	<u> </u>
47. Type of each	N/A	N/A			
48. Capacity of each	N/A	N/A			l
49. Hardness of water treated 50. Corrosion control, chemical agent	177 mg/L (raw) Polyphosphate	177 mg/L (raw) Polyphosphate		l	ł
50. Corrosion control, chemical agent 51. Pound per million gallons	Polyphosphate 10	Polyphosphate 10		1	l
52. Type of feeders (dry or slurry)	Liquid	Liquid			
53. Total H.P. of all motors used in plant	5,500				
	Continuous monitoring, lab tests twice	Continuous monitoring, lab tests twice			1
54. How frequently is an analysis of water made?	daily and as needed.	daily and as needed.		1	l

PgW-12_Storage & Purif Missouri-American Water Company For the Calendar Year January 1 - December 31, 2022 Standpipe, Elevated and Ground Tanks For the Calendar Year 2022

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Unit Name	Identification Number, Name or Description of Each	Material (steel, concrete, etc.)	Height of Water Column (Feet)	Diameter of Tank (Feet)	Height of Tank (Feet)	Elevation of Inlet above Pumping Station (Feet)	Distance from Pumping Station (Miles)	Capacity in (Gallons)
Affton No. 2	Ground	Steel	50.0	72	59.50	177	4.5	1,520,000
Affton No. 3	Ground	Steel	50.0	117	55.33	177	4.5	4,000,000
Baxter	Ground	Steel	44.5	175	52.17	184	4.0	8,000,000
Carman	Ground	Steel	50.0	117	55.33	183	8.0	4,000,000
Cherry Hills	Ground	Steel	50.0	117	55.33	331	10.0	4,000,000
Clayton	Ground	Steel	32.2	116	53.00	203	5.0	2,540,000
Crestview	Elevated	Steel	140.0	55.5	152.00	313	9.0	500,000
Fee Fee	Ground	Steel	46.0	172	55.50	180	4.0	8,000,000
Ferguson	Elevated	Steel	113.5	38	119.08	204	5.0	250,000
Florissant	Ground	Steel	34.0	114	50.50	111	3.0	2,500,000
Foerster	Ground	Steel	50.0	117	55.33	161	6.0	4,000,000
Hawkins	Ground	Steel	49.5	92	53.50	206	4.0	2,460,000
Hazelwood No. 1	Ground	Steel	47.3	120	69.83	139	8.0	4,000,000
Hazelwood No. 2	Ground	Steel	49.3	118	53.25	137	8.0	4,000,000
Kehr's Mill No. 1	Elevated	Steel	114.0	40	117.00	311	5.5	250,000
Kehr's Mill No. 2	Ground	Steel	49.5	92	61.17	308	5.5	2,460,000
Mehlville No. 2	Ground	Steel	60.5	75	73.17	193	5.0	2,000,000
Mehlville No. 3	Ground	Steel	60.5	75	70.75	193	5.0	2,000,000
Norwood	Ground	Steel	49.5	92	51.00	159	7.5	2,460,000
Oakville No. 1	Elevated	Steel	92.5	32	94.17	177	7.5	150,000
Oakville No. 2	Ground	Steel	50.0	72	53.75	172	7.5	1,500,000
Olds Halls Ferry	Ground	Steel	44.5	175	52.17	157	4.5	8,000,000
Paradise Valley	Ground	Steel	65.0	20	68.00	327	6.7	150,000
Rockwood	Elevated	Steel	106.0	23.5	107.00	379	11.5	50,000
Sappington No. 1	Ground	Steel	49.5	92	61.17	202	3.0	2,460,000
Sappington No. 2	Ground	Steel	49.5	92	61.17	202	3.0	2,460,000
Stratman No. 1	Ground	Steel	32.7	240	35.00	268	8.0	11,000,000
Stratman No. 2	Ground	Steel	27.3	264	30.00	273	8.0	11,260,000
Sunset	Elevated	Steel	95.0	40	99.25	235	1.5	250,000
Tesson Ferry 1	Ground	Steel	33.3	125	37.00	202	2.5	3,000,000
Tesson Ferry 2	Ground	Steel	33.3	125	37.00	202	2.5	3,000,000
Valley Park	Ground	Steel	50.0	50	55.00	84	11.5	750,000
Walton	Ground	Steel	50.0	117	55.33	204	8.4	4,000,000
Wild Horse	Ground	Steel	38.0	48	40.00	348	11	500,000

Out-of-Service
PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(C)	(d)	(e)	(f)
RESERVOIRS					
1. Identification Number, Name, or description or each		Ground Storage Well # 2			
2. Elevation or relief		752 elevation			
Use (source of supply or clear water)		source of supply			
4. Kind (earthen or masonry)		masonry			
5. Covered or open		covered			
6. Elevated above pumping station		level			
7. Distance from pumping station		50 Ft			
8. Total capacity in gallons 9. Inside dimensions		250000 Gal 69.33' x44.75' x10'+16'x33.75' x10			
9. Inside dimensions		69.33 X44.75 X10+16X33.75 X10			
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each	Well #1 Church view				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column	100'				
13. Diameter of tank	32'				
14. Height of tank	128 ft				
15. Elevation of inlet above pumping station	100'				
16. Distance from pumping station	75'				
17. Capacity of each in gallons	150000 Gal.				
PRESSURE TANKS					
		1	r		
18. Identification number or description					
19. Material					
20. Length of tank 21. Diameter of tank					
22. Capacity in gallons					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin 28. Kind of coagulant					
28. Kind of coagulant 29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type					
36. Dimensions					
37. Flocculators, type					
38. Dimensions					
39. Sterilization - Is water sterilized?					
40. Agent used (liquid, chlorine, etc.)	liquid bleach 13%	liquid bleach 13%			
41. Chlorinating equipment:	Stenner pump, tank	Stenner pump, tank			
42. Manufacturer					
43. Type 44. Points of application					
	point of entry	point of entry			
45. Pounds per million gallons	1.5 ppm	1.5 ppm			
46. Pressure filters					
47. Type of each					
48. Capacity of each 49. Hardness of water treated					
49. Hardness of water treated 50. Corrosion control, chemical agent					
50. Corrosion control, chemical agent 51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant	50	100			
54. How frequently is an analysis of water made?	continuous CL2 monitoring	continuous CL2 monitoring			
	idodo occ monitoring	u	1		

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)				
RESERVOIRS	None								
1. Identification Number, Name, or description or each									
 Elevation or relief Use (source of supply or clear water) 									
4. Kind (earthen or masonry)									
5. Covered or open									
 Elevated above pumping station Distance from pumping station 									
8. Total capacity in gallons									
9. Inside dimensions									
STANDPIPES OR ELEVATED TANKS									
10. Identification Number or description of each	ELEVATED TANK								
11. Material (steel, wood, concrete, etc.)	STEEL								
12. Height of water column 13. Diameter of tank	61 FEET 36 FEET								
14. Height of tank	30 FEET								
15. Elevation of inlet above pumping station	60 FEET								
16. Distance from pumping station 17. Capacity of each in gallons	60 FEET 200,000								
	200,000		1	1	L				
PRESSURE TANKS	None								
18. Identification number or description 19. Material									
20. Length of tank									
21. Diameter of tank									
22. Capacity in gallons									
PURIFICATION SYSTEMS	None								
23. Describe pretreatment, if any 24. Function of plant-filter, soften, etc.									
25. Aerators, type									
26. Sedimentation									
27. Dimension of each settling basin									
28. Kind of coagulant 29. Pounds per million gallons									
30. Sand filtration - slow or rapid									
31. Number of beds									
32. Open or covered 33. Surface dimensions									
34. Capacity of beds - gallons per day (per bed)									
35. Mixing units, type									
36. Dimensions 37. Flocculators, type									
38. Dimensions									
39. Sterilization - Is water sterilized?									
40. Agent used (liquid, chlorine, etc.) 41. Chlorinating equipment:									
42. Manufacturer									
43. Type									
44. Points of application 45. Pounds per million gallons									
45. Pounds per million gallons 46. Pressure filters									
47. Type of each									
48. Capacity of each 49. Hardness of water treated									
49. Hardness of water treated 50. Corrosion control, chemical agent									
51. Pound per million gallons									
52. Type of feeders (dry or slurry)									
53. Total H.P. of all motors used in plant	Continuous monitoring for CL2 and								
54. How frequently is an analysis of water made?	Turbidity								

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(c)	(d)	(e)	(f)
P5050V0/20					
RESERVOIRS 1. Identification Number, Name, or description or each	Clear well	Enterprise Tank			
2. Elevation or relief	Relief	Relief			
3. Use (source of supply or clear water)	Clear water	Clear water			
4. Kind (earthen or masonry)	Concrete	Masonry			
5. Covered or open	Covered	Covered			
6. Elevated above pumping station	No	Yes			
7. Distance from pumping station	0	150'			
8. Total capacity in gallons	660,000	750,000			
9. Inside dimensions	95' x 13'	50' x 50'			
			•		
STANDPIPES OR ELEVATED TANKS	Elevated Tank	Elevated Tank			
10. Identification Number or description of each	North Tower	South Tower			
11. Material (steel, wood, concrete, etc.)	Steel	Steel			
12. Height of water column	120 Feet	125 Feet			
13. Diameter of tank	40 Feet	50 Feet			
14. Height of tank	123 Feet	128 Feet			
15. Elevation of inlet above pumping station					
16. Distance from pumping station	2 Miles	1 Mile			
17. Capacity of each in gallons	250,000	500,000		1	1
PRESSURE TANKS					
PRESSURE TANKS					
18. Identification number or description	None				
19. Material	None				
20. Length of tank					
21. Diameter of tank					
22. Capacity in gallons					
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type					
26. Sedimentation	None				
27. Dimension of each settling basin					
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid	None				
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type	None				
36. Dimensions					
37. Flocculators, type	None				
38. Dimensions					
39. Sterilization - Is water sterilized?	Yes				
40. Agent used (liquid, chlorine, etc.)	Chlorine gas & Ozone				
41. Chlorinating equipment:	2 Units				
42. Manufacturer	Capital Controls				
43. Туре	Injector	4			
44. Points of application	Post				
45. Pounds per million gallons	1.4 Residual; Finished				
46. Pressure filters	None				
47. Type of each					
48. Capacity of each		4			
49. Hardness of water treated	220 mg/L	-			
50. Corrosion control, chemical agent	Poly-phosphate	4			
51. Pound per million gallons	1.0 Residual; Finished	-			
52. Type of feeders (dry or slurry)		4			
53. Total H.P. of all motors used in plant		+			
54. How frequently is an analysis of water made?					

PARTICULARS (a)	UNIT (b)	UNIT (c)	UNIT (d)	UNIT (e)	UNIT (f)
		(6)	(u)	(6)	(1)
RESERVOIRS 1. Identification Number, Name, or description or each			[
2. Elevation of relief	-				
3. Use (source of supply or clear water)					
4. Kind (earthen or masonry)	-				
5. Covered or open					
Elevated above pumping station')					
7. Distance from pumping station					
8. Total capacity in gallons 9. Inside dimensions					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
	Whitebranch #1				
10. Identification Number or description of each	(Standpipe)				
11. Material (steel, wood, concrete, etc.)	Steel				
12. Height of water column					
13. Diameter of tank	11'				
 Height of tank Elevation of inlet above pumping station 	119'		1		
16. Distance from pumping station					
17. Capacity of each in gallons	80,000				
		ł	1	1	
PRESSURE TANKS					
18. Identification number or description	Whitebranch #5				
19. Material	Steel				
20. Length of tank					
21. Diameter of tank	110				
22. Capacity in gallons	119				
PURIFICATION SYSTEMS					
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc.					
25. Aerators, type 26. Sedimentation					
27. Dimension of each settling basin	-				
28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds					
32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed) 35. Mixing units, type	<u> </u>		<u> </u>		
36. Dimensions		1	1		
37. Flocculators, type	l				
38. Dimensions			1		
39. Sterilization - Is water sterilized?	Yes, disinfection				
40. Agent used (liquid, chlorine, etc.)	Chlorine, liquid				
41. Chlorinating equipment:	0				
42. Manufacturer	Stenner				
43. Type 44. Points of application	injection pump well head				
45. Pounds per million gallons	woil field	1	1		
46. Pressure filters					
47. Type of each					
48. Capacity of each					
49. Hardness of water treated	386				
50. Corrosion control, chemical agent					
51. Pound per million gallons					
52. Type of feeders (dry or slurry) 53. Total H.P. of all motors used in plant		1	<u> </u>		
54. How frequently is an analysis of water made?	daily				
on their nequency to an unaryolo of water made:	aanj			l	

PARTICULARS	UNIT	UNIT	UNIT	UNIT	UNIT
(a)	(b)	(c)	(d)	(e)	(f)
RESERVOIRS					
1. Identification Number, Name, or description or each					
 Elevation or relief Use (source of supply or clear water) 					
4. Kind (earthen or masonry)					
5. Covered or open					
 Elevated above pumping station Distance from pumping station 					
8. Total capacity in gallons					
9. Inside dimensions					
STANDPIPES OR ELEVATED TANKS					
10. Identification Number or description of each		Well 3 #1	Well 3 #2	Well 3 #3	
11. Material (steel, wood, concrete, etc.) 12. Height of water column	Steel	Steel	Steel	Steel	
13. Diameter of tank	10'	10'	10'	10'	
14. Height of tank			18'	18'	
15. Elevation of inlet above pumping station 16. Distance from pumping station			6' 10'	6' 10'	
17. Capacity of each in gallons				5,600	
PRESSURE TANKS					
18. Identification number or description	Well 2 #1	Well 2 #2	Well 3 #1	Well 3 #2	Well 3 #3
19. Material	Steel	Steel	Steel	Steel	Steel
20. Length of tank	6'	6'	6'	6'	6'
21. Diameter of tank 22. Capacity in gallons	30" 119	30" 119	30" 119	30" 119	30" 119
	110	110	110	110	110
PURIFICATION SYSTEMS					
	Well #2	Well #3			
23. Describe pretreatment, if any					
24. Function of plant-filter, soften, etc. 25. Aerators, type					
26. Sedimentation					
27. Dimension of each settling basin 28. Kind of coagulant					
29. Pounds per million gallons					
30. Sand filtration - slow or rapid					
31. Number of beds 32. Open or covered					
33. Surface dimensions					
34. Capacity of beds - gallons per day (per bed)					
35. Mixing units, type 36. Dimensions					
37. Flocculators, type					
38. Dimensions		and distants at an			
 Sterilization - Is water sterilized? Agent used (liquid, chlorine, etc.) 	yes, disinfection liquid chlorine	yes, disinfection liquid chlorine			
41. Chlorinating equipment:					
42. Manufacturer	Stenner Chemical Injection Feed pump	Stenner Chemical Injection Feed pump			
43. Type 44. Points of application	well head	well head			
45. Pounds per million gallons					
46. Pressure filters 47. Type of each					
48. Capacity of each					
49. Hardness of water treated					
50. Corrosion control, chemical agent 51. Pound per million gallons					
52. Type of feeders (dry or slurry)					
53. Total H.P. of all motors used in plant					
54. How frequently is an analysis of water made?					

Anna Meadows Operations Show all data separately for each source of supply.

A. Surface Water								
Description and Location of Source (Give Names) (a)			ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: NA Lakes: NA Streams: NA								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: Anna Meadows - Well #1	MO 6031475	243	105	546	1540	1	380	Deep-well pump

Description and Location of Source (a)	Number (b)	Feet (c)	Feet (d)	Feet (e)	Feet (f)	Feet (g)	Per Minute (h)	deep-well pump) (i)
Wells: Anna Meadows - Well #1	MO 6031475	243	105	546	1540	1	380	Deep-well pump
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								

C. Purchased Water								
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)				
N/A								

Brunswick Operations Show all data separately for each source of supply.

			A. Surface Water					
Description and Loc: (Give Nar (a)	tion of Source es)		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: None								
Lakes: None								
Streams: None								
B. Ground Water								
Description and Location of Source	Identification	Static Water Level	Draw Down Feet	Pump Setting Feet	Depth Feet	Diameter Feet	Yield in Gallons Per Minute	Pumping Method (direct suction, air-lift or deen-well pump)

Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (C)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	(direct suction, air-lift or deep-well pump) (i)
Wells NORTH WELL PARCEL TRACT 142 #1	1	27	5	52'	61' 8"	0.833'	180	Shallow well
SOUTH WELL PARCEL TRACT 142 #2	2	27	22	50'	65' 7"	0.833'	180	Shallow well
WELL NO 3	3	79'	1	80'	93'	1.333'	368	Shallow well
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								

C. Purchased Water								
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)				
NA								

Emerald Pointe Show all data separately for each source of supply.

A. Surface Water								
ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
	Identification Number	Identification Number Capacity	Identification Capacity From Shore	Identification Capacity From Shore Of Water	Distance Depth of Intake Kind Identification of Intake Port Below Surface of Number Capacity From Shore of Water Conduit			

			B. Ground Wate	r				
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
		515 488	50 30	819' 588'	1500' 1500'	1' 1'		Deep-well pump Deep-well pump
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)						

Report of MISSOURI AMERICAN WATER COMPANY

Eureka Operations

Show a	l data	i separate	ely for e	ach sourc	e of	supply	<i>'</i> .
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A. Surface Water									
Description and Location of Source (Give Names) (a)			Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)	
Impounding Reservoirs: NA Lakes: NA Streams: NA									
			B. Ground Water	r					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)	
Wells Well #1 - Howerton Well #5 - Drewel Park	11748 / 028171 14554 / A023424	83 40	12 15	210 200	500 645	1 1	900 1,000	deep-well pump deep-well pump	

Description and Location of Source (a)	Identification Number (b)	Water Level Feet (c)	Down Feet (d)	Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Gallons Per Minute (h)	aır-lift or deep-well pump (i)
Well #5 - Drewel Park Well #6 - Legends Well #8 - Viola Well #9 - Arbors	14554 / A023424 14552 / A055130 16828 / A116098	381 213	15 195 195 3	200 596 651 336	500 645 1,235 865 635 695	1 1 1 1	1,000 500 600 800	deep-well pump deep-well pump deep-well pump deep-well pump deep-well pump deep-well pump

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)						
NA										

Garden City Operations Show all data separately for each source of supply.

			A. Surface Water							
Description and Location of Source (Give Names) (a)			ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs: Lakes: New Lake Old Lake Streams: Missouri River				0.182 mgd 0.69 mgd	110 ft approx	4 ft approx	6" Fiber Reinforced Rub	6" 60 ft approx		
B. Ground Water										
			D. Ground Water							
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)		
Wells:										
Springs:										
Infiltration Galleries or Collecting Wells:										
C. Purchased Water										
Description and Location of Source (Give Name) (a)			Name of Vendor (b)			Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)		

Golden Acres Operations Show all data separately for each source of supply.

			A. Surface Water	,				
Description and Location o (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs: None								
Lakes: None								
Streams: Missouri River								
			B. Ground Water					
Description and Location of Source (a)	ldentification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: Golden Acres Well 1 - 2 Schooner Creek, Kimberling City MO Golden Acres Well 2 - 12 Golden Dr, Kimberling City MO	MO5036082 MO5036082	228	55	441	441 340	1 1	16 50	Deep Well Deep Well
Springs:								
Infiltration Galleries or Collecting Wells:								

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)						

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<u>Hickory Hills Operations</u> Show all data separately for each source of supply.

	A. Surface Water								
Description and Location o (Give Names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
Impounding Reservoirs: None									
Lakes: None									
Streams: Missouri River									
			B. Ground Water						
Description and Location of Source (a)	ldentification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)	
Wells: Hickory Hill Well, 62427 Vaughan Dr.	TP 14149				605	0.5	30		
Springs:									
Infiltration Galleries or Collecting Wells:									

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)						
Ground water well	City of California	1,125	\$ 2,160.00	3,319,699						

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Jaxson Estates Show all data separately for each source of supply.

			A. Surface Water	,				
Description and Location of Source (Give Names) (a)			ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: None								
Lakes:								
Streams:								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells:	MO 6031461 17	72	135	462	1,550	1	510	Deep-well pump
Springs:								
Infiltration Galleries or Collecting Wells:								
C. Purchased Water								
Description and Location of Source (Give Name) (a)			Name of Vendor (b)			Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)

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<u>Jefferson City Operations</u> Show all data separately for each source of supply.

			A. Surface Water					
Description and Location of (Give Names) (a)	Source		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: None								
Lakes: None								
Streams: Missouri River			River Mile 144	8.4 MGD		River Stage Varies	Ductile Iron	(2) 20", 220'
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells:								
Springs: None								
Infiltration Galleries or Collecting Wells: None								

	C. Purchased Water			
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)
Well Water	Callaway PWSD#1	1,500	\$ 3,000.00	4,539,601

Joplin Operations Show all data separately for each source of supply.

			A. Surface Wate	r				
Description and Location o (Give Names) (a)	f Source		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: NA								
Lakes: NA								
Streams: Shoal Creek (2-1/2 miles south of Joplin)			IN30058 IN30058	18 MGD 12 MGD	50' 25'	5' 5'	DI pipe DI pipe	190' @ 30" 200' @ 30"
			B. Ground Wate	r				
Description and Location of Source (a)	ldentification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Monitoring Well - 1815 Glendale Rd. Deep Well - 210 Buchanan Rd. Deep Well - 2000 S. Mississippi Ave. Deep Well - 8000 E. Alliance Parkway Dr. Deep Well - 14th & Rex Ave. Deep Well - 1505 Lark Rd. Deep Well - 2772 Kodiak Rd. Deep Well - 2401 Marten Rd. Deep Well - 15435 Highway FF Deep Well - 15435 Highway FF Deep Well - 8583 Eland Rd. Deep Well - Butterfield & Foxfire Dr.	Well #1 - A05144 Well #2 - A13158 Well #3 - A13157 Well #4 - A62273 Well #6 - A109430 Well #7 - A121711 Well #9 - A121712 Well #9 - A126427 Well #10 - A128853 Well #112 - A008472 Well #112 - A008972	64' below ground level 254' over pump 386' over pump 312' over pump 208' over pump 289' over pump 365' over pump 319' over pump 335' over pump 335' over pump N/A	leak in bubbler line N/A 124 194' 143' 147' 127' 104' 181' 167'' 162'' N/A N/A N/A	650' 800' 550' 750' 540.5'	1,505' 1,505' 1,875' 1,444' 1,500' 1,505' 1,550' 1,495' 1,350' 1,580'	0.833' 0.833' 0.833' 1.167' 1.167' 1.167' 1.167' 1.167' 1.167' 1.167' 1.167' 1.167' 0.833' 0.833'	0 NA 397 497 581 266 728 542 835 484 622 N/A N/A N/A	Deep-well pump NA Deep-well pump Deep-well pump Deep-well pump Deep-well pump Deep-well pump Deep-well pump Deep-well pump Deep-well pump Deep-well pump Deep-well pump

	C. Purchased Water			
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)
NA				

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Lake Carmel Show all data separately for each source of supply.

	A. Surface Water							
Description and Location of Source (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs:								
NA								
Lakes:								
NA								
Streams:								
NA								
	1	1	1					
	B. Ground Wate	r						

		B. Ground Water	r				
Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
MO3031183	119'	52'	315'	345'	0.5'	55 gpm	Deep-well pump
	Number (b)	Identification Water Level Number Feet (b) (c)	Identification Number (b) Static Water Level Feet (c) (d) Draw Down Feet (c) (d)	Identification Water Level Down Setting Number Feet Feet Feet (b) (c) (d) (e)	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Feet (f)	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Pump Depth Feet (e)Diameter Feet (f)	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Depth Feet (f)Diameter Feet (g)Yield in Gallons Per Minute (h)

C. Purchased Water							
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)			

Lawson Operations Show all data separately for each source of supply.

			A. Surface Water					
Description and Location o (Give Names) (a)	of Source		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: None								
Lakes: None								
Streams: None								
B. Ground Water								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	B. Ground Water Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
	Number	Water Level Feet	Draw Down Feet	Pump Setting Feet	Feet	Feet	Gallons Per Minute	(direct suction, air-lift or deep-well pump)
(a)	Number	Water Level Feet	Draw Down Feet	Pump Setting Feet	Feet	Feet	Gallons Per Minute	(direct suction, air-lift or deep-well pump)

C. Purchased Water							
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)			
Italian Way Excelsior Springs Mo Italian Way Excelsior Springs Mo	City of Excelsior Springs Mo. City of Excelsior Springs Mo.	1 pump at 400 gpm 1 pump at 400 gpm					

<u>Maplewood</u> Show all data separately for each source of supply.

			A. Surface Water					
Description and Location o (Give Names) (a)	f Source		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: NA								
Lakes: NA								
Streams: NA								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: Maplewood # 1 2812 Monsees Dr Sedalia MO 65301 Maplewood # 2 2802 Brookview Ave, Sedlaia MO 65301	MO3036131 MO3036131	206	58	378		6 6	60 gpm 242 gpm	Deep-well pump Deep-well pump
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								
			C. Purchased Wate	r				

Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)

Mexico Operations

Show all data separately for each source of supply.

A. Surface Water										
Description and Location of Source (Give Names) (a)		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
Impounding Reservoirs: None										
Lakes: None										
Streams: None										
B. Ground Water										
		-	-				Pumping Method			

Description and Location of Source (a)	ldentification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: MOAW Mexico Well #2 MOAW Mexico Well #3 MOAW Mexico Well #4 MOAW Mexico Well #5 MOAW Mexico Well #6 MOAW Mexico Well #7	2474349 2584584 3522389 2979937	411 433 415 415	107 70 31 44	550 651 600 540 550 610	1,150 1.28 1.542 1.482 1.493 1.46	1.33 1.33 1.33 1.33 1.33 1.33 1.33	270 545 776 1,000	Deep well pump Deep well pump Deep well pump Deep well pump Deep well pump Deep well pump
Springs: None Infiltration Galleries or Collecting Wells: None								

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)						
None										

Monsees Lake Estates Operations Show all data separately for each source of supply.

			A. Surface Water					
Description and Location (Give Names) (a)	of Source		Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
mpounding Reservoirs: None								
.akes: None								
Streams: None								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump (i)
Vells: Vell #1 - Monsees Subdivision Vell #2 - Monsees Subdivision	ML 14131 ML 14132							
prings:								
nfiltration Galleries or Collecting Wells:								
			C. Purchased Wate					

Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)
None				

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<u>Orrick Operations</u> Show all data separately for each source of supply.

A. Surface Water									
Description and Location o (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
Impounding Reservoirs: None Lakes:									
None Streams:									
			B. Ground Water						
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)	
Wells:									
Springs:									
Infiltration Galleries or Collecting Wells:									
			C. Durahasad Wet						

	C. Purchased Water			
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)
Ray County #2, meter vault at north end of town on Z highway and 210 highway (office in Richmond Mo.)	Ray County #2 PWSD	100		

Parkville Operations

Show all data separately for each source of supply.

A. Surface Water									
Description and Location of Source (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
Impounding Reservoirs: None									
Lakes: None									
Streams: None									
B. Ground Water									

Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells DEEP CITY PARK/LAKE VIEW - RETIRED DEEP LIBERTY/ W OF MO DEEP LAKEVIEW/ELMWOOD DEEP LIBERTY/N ELMWOOD CEM DEEP PLATTE LANDING PARK	3 4 6 7 8	42' 43' 38' 21' 21'	13' 4' 5' 12' 26'	73	87 98.5 100 86.3 130'	1.5' 2.0' 2.0'	317 670 2,100	WELL PUMPS WELL PUMPS WELL PUMPS WELL PUMPS WELL PUMPS

C. Purchased Water									
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)					
Vivion Interconnect (1360 NW Vivion Road) Emergency Only North Congress Interconnect (7201 N 9 Hwy) Emergency Only	City of Kansas City City of Kansas City City of Kansas City City of Kansas City City of Kansas City	6,944 N/A N/A N/A N/A	\$ 3,301.92	30,900,183 - - -					

Pevely Farms Show all data separately for each source of supply.

A. Surface Water								
Description and Location of Source (Give Names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs: N/A								
Lakes: N/A								
Streams: N/A								
B. Ground Water								

b. Ground water										
ldentification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)			
							Well Well			
	Number (b) 07272337	Identification Number (b) Water Level Feet (c) 17272337 404.47	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)07272337404.4714.7	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)07272337404.4714.7378.47	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Feet (f)17272337404.4714.7378.4754	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Depth Feet (f)Diameter Feet (g)07272337404.4714.7378.47540.6666666667	Identification Number (b)Water Level Feet (c)Down Feet (d)Setting Feet (e)Depth Feet (f)Diameter Feet (g)Gallons Per Minute (h)17272337404.4714.7378.47540.666666667250			

C. Purchased Water									
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)					
N/A									

Pom-O-Sa Show all data separately for each source of supply.

			A. Surface Water					
Description and Location of Source (Give Names) (a)			ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs:								
Lakes:								
Streams:								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
	WL 10305	Unkown					Unkown	deep-well pump
Well #2	WI 18109	100 Ft	Unkown	Unkown	420	0.5	250	deep-well pump
Springs:								
NA								
Infiltration Galleries or Collecting Wells:								
NA								

C. Purchased Water									
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)					

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<u>Purcell Operations</u> Show all data separately for each source of supply.

Infiltration Galleries or Collecting Wells: None

	A. Surface Water									
Description and Location of Source (Give Names) (a)			Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs: None										
Lakes: None										
Streams:										
			B. Ground Water							
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)		
Wells: Well #2 Owned 50% MAW and 50% City-Purcell Well #3 Park Well - Inactive at this time	WL 13009, TP 13009 WL 16762, TP 16762		No data No data	240 400	1100 1100	10 10	500 400	Deep Well Pump Deep Well Pump		
Springs: None										

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)						
None	N/A	N/A								

Redfield Operations Show all data separately for each source of supply.

			A. Surface Water					
Description and Location of Source (Give Names) (a)			ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: None Lakes: None								
Streams:								
			B. Ground Water		-	-		-
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: Redfield Well , Eugene, MO	01	157'	180'		925	.5'	300	Deep

C. Purchased Water								
Infiltration Galleries or Collecting Wells:								
Springs:								

Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per MG (d)	Purchased During Year - Gallons (e)
N/A				

Rogue Creek Show all data separately for each source of supply.

A. Surface Water								
Description and Location of Source (Give Names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs:								
Lakes:								
Streams:								

B. Ground Water									
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)	
Wells: Church view Well one	none				286	42	25	deep-well pump	
Friendship well 2									
Springs:									
Infiltration Galleries or Collecting Wells:									

C. Purchased Water								
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)				

<u>St. Charles Operations</u> Show all data separately for each source of supply.

			A. Surface Water					
Description and Location of Source (Give Names) (a)			Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: NA								
Lakes: NA								
Streams: NA								
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: NA								
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								
			C. Purchased Wate	r				

Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)
No Purchased Water in 2022				

<u>St. Joseph Operations</u> Show all data separately for each source of supply.

			A. Surface Wate	r				
Description and Location (Give Names) (a)	of Source		ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: N/A								
Lakes: N/A Streams:								
N/A								
			B. Ground Water	r				
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: Well - Vertical Well - Vertical	1	q	9 8.7	82 82	106 105	3		Deep - Well Pump Deep - Well Pump

Description and Location of Source (a)	Number (b)	Feet (c)	Feet (d)	Feet (e)	Feet (f)	Feet (g)	Per Minute (h)	deep-well pump) (i)
Wells: Well - Vertical Well - Vertical Well - Vertical Well - Vertical Well - Vertical Well - Vertical Well - Vertical Springs: N/A	1 2 3 4 5 6 7	11 11 10 10	9 8.7 8.3 9.4 9.6 8.9 8.3	82 82 82 82 82 82 82 82 82	106 105 105 104 106 106 111	3 3 3 3 3 3 3 3 3		Deep - Well Pump Deep - Well Pump
Infiltration Galleries or Collecting Wells: N/A Horizontal Collector	1	0	35	83	115	16	10500	3 Deep Well Pumps
	1	0	55	00	115		10000	o beep well Fullips

C. Purchased Water							
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)			
N/A							

<u>St. Louis County Operations</u> Show all data separately for each source of supply.

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			A. Surface Water					
Description and Location of Source (Give Names) (a)			ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs: NA								
Lakes: NA								
Streams: Missouri River - Central Plant Missouri River - North Plant Meramac River - South Plant Meramec River - Meramec Plant			IN 30028 IN 30032	139,000	On shore On shore	Variable In Channel	Ci & Conc. Conc & Steel Cl Conc., Cl & Dl	4,168' variable 1,804'-30" & 35" 13,750' 30" 9,200' 30"& 36"
			B. Ground Water					
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells NA								
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								
			C. Purchased Wate	Pr				

Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)
Hog Hollow Booser, Central Plant Old Bonhomme Interconnect, Distribution	St. Louis Water Division St. Louis Water Division	20,833 13,889		414,071,000

<u>Tri County District</u> Show all data separately for each source of supply.

A. Surface Water							
Description and Location of Source (Give Names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)	
Impounding Reservoirs: NA							
Lakes: NA							
Streams: NA							

	B. Ground Water								
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)	
Wells: Tri State Well #6 1876 N State Hwy 265 Branson MO 65616 Lake Taneycomo #1 - , Branson, MO Lake vaneycomo #2 - , Branson, MO Lakewood Manor - HCR 1, Box 4007 Shell Knob, MO 65747 Ozark Mountain #1 - TM East Lot 092 Shell Knob, MO 65747 Ozark Mountain #2 - TM East Lot 023 Shell Knob, MO 65747 Ozark Mountain #2 - TM East Lot 023 Shell Knob, MO 65747 Ozark Mountain #3 - IL 0273 Shell Knob, MO 65747 Rankin Acres - 7306 West Belle Circle Republic, MO 66738 Riverside Estates #2 - 153 Acacia Club Road Hollister, MO 65678 Stonebridge Oak Lane, Branson West MO 65737 Forest Lake (Stonebridge 2) 505 Chalcedony Ct Reeds Spring MO Tri State Well #5 2690 N St Hwy 265 Branson MO 65616 Spokane Highlands Table Rock Estates Well 1 226 Hunt Club Cir, Galena MO 65656 (back up Springs: NA Infiltration Galleries or Collecting Wells: NA	MO5036162 MO5036147 MO5036210 MO5031375 MO5031086 MO5031086 MO5024601 MO5024601 MO5031093 MO503232	515 228 203' 154 164 303 218' 173 330 297 337 535 525 535 545 317'	45' 22 110' 6 180 33 67' 40 136 65 57 87 52 40' 95 6	399 483 294 441 483 357 441 525 525 483 504 756 735 756 735 756 945 483 357	1302' 570' 580' 860' 553' 1,010' 1200' 1200' 1200' 1,110' 1,400' 1,310' 1320' 1591' 1665' 1002' 467" 245'	0.5' 0.667' 0.5' 0.833' 0.833' 0.5' 0.5'	885 gpm 46 gpm 55 gpm 72 gpm 95 gpm 310 gpm 52 gpm 260 gpm 60 gpm 680 gpm 315 gpm 315 gpm 327 gpm 870 gpm 40 gpm 35 gpm	Deep-well pump Deep-well pump	

C. Purchased Water							
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)			
Spring Valley	Özark Water System		\$ 4.95	5,350,000			

Report of MISSOURI AMERICAN WATER COMPANY

<u>Wardsville</u> Show all data separately for each source of supply.

A. Surface Water						
Description and Location of Source (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)
Impounding Reservoirs:						
Lakes:						
Streams:						

B. Ground Water										
Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)			
24476	274	284		925	18'of 12" @ 287' of 8"	153	submersible			
40414	157	180		1090	26' of 12" @300' of 8"	300	submersible			
	Number (b) 24476	Identification Number (b) Water Level Feet (c) 24476 274	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)24476274284	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)24476274284	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Feet (f)24476274284925	Identification Number (b)Static Water Level Feet (c)Draw Down Feet (d)Pump Setting Feet (e)Depth Feet (e)Diameter Feet (f)24476274284Image: Comparison of the comparison o	Identification Number (b)Water Level Feet (c)Down Feet (d)Setting Feet (e)Depth Feet (f)Diameter Feet (g)Gallons Per Minute (h)24476274284Error92518'of 12"@ 287' of 8"153			

C. Purchased Water									
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)					

<u>St. Charles Operations (Warren County)</u> Show all data separately for each source of supply.

A. Surface Water										
Description and Location o (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)				
Impounding Reservoirs: NA										
Lakes: NA										
Streams: NA										
			B. Ground Water							
Description and Location of Source (a)	ldentification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)		
Wells:	MO 6036149	68	48	400	1,550	1.16	290	Deep-well pump		
Springs: NA										
Infiltration Galleries or Collecting Wells: NA										

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)						
NA										

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WARRENSBURG OPERATIONS Show all data separately for each source of supply.

A. Surface Water									
Description and Location of Source (Give Names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
Impounding Reservoirs: NA									
Lakes: NA									
Streams: NA									

	B. Ground Water							
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: PLANT SITE EAST OF CITY 1/4 MILE EAST OF PLANT 1/2 MILE EAST OF PLANT 3/4 MILE EAST OF PLANT 1 MILE EAST OF PLANT	5 6 7 8 9	158 159 171 133 145	50 17	294 303	712 675 705 737 800	10 10 12 12 12	1,017	DEEP WELL DEEP WELL DEEP WELL DEEP WELL DEEP WELL
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)						
NA										

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<u>White Branch</u> Show all data separately for each source of supply.

A. Surface Water								
Description and Location o (Give Names) (a)	Identification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)		
Impounding Reservoirs: NA								
Lakes: NA Streams: NA								
B. Ground Water								
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)
Wells: Whitebranch #1 - 31625 Cardinal Ln Warsaw MO 65355 Whitebranch #5 31797 Stonecrest Ave Warsaw MO 65355	MO3036113 MO3036113	136'	4'	294'	850' 280'	8' 6"	150 gpm 9 gpm	Deep-well pump Deep-well pump
Springs: NA								
Infiltration Galleries or Collecting Wells: NA								
			C. Burchasod Wate					

C. Purchased Water									
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)					

<u>Woodland Manor</u> Show all data separately for each source of supply.

A. Surface Water									
Description and Location of Source (Give Names) (a)	ldentification Number (b)	Capacity (c)	Distance of Intake From Shore (d)	Depth of Intake Port Below Surface of Water (e)	Kind of Conduit (f)	Length and Size of Conduit (g)			
Impounding Reservoirs:									
NA									
Lakes: NA									
Streams: NA									

	B. Ground Water									
Description and Location of Source (a)	Identification Number (b)	Static Water Level Feet (c)	Draw Down Feet (d)	Pump Setting Feet (e)	Depth Feet (f)	Diameter Feet (g)	Yield in Gallons Per Minute (h)	Pumping Method (direct suction, air-lift or deep-well pump) (i)		
	MO5036111 MO5036111	160	45	390 357				deep well pump deep well pump		
Springs: NA										
Infiltration Galleries or Collecting Wells: NA										

C. Purchased Water										
Description and Location of Source (Give Name) (a)	Name of Vendor (b)	Capacity of Source Gallons per Minute (c)	Cost Per M. Gallons (d)	Purchased During Year - Gallons (e)						
N/A										
FEET OF TRANSMISSION AND DISTRIBUTION MAINS Anna Meadows

 Explain any important items included in Column (h). New mains are those laid primarily for the purpose of serving new customers; replacements ar 			leadows		placed.			
Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	In Use at End of Year (in feet) (i)
Transmission & Distribution Mains:					Ē			-
					-			- 6
					-			- Jany
Total Transmission & Distribution Mains		-	-	-	-	-	-	-
Distribution Mains: Ductile Iron Plastic (PVC)	6 6	398 6,246	-		-			398 6,246
					-			
					-			-
								-
					-			- - -
					-			-
Total Distribution Mains		6,644	-	-	-	-	-	6,644

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Plant Accts. (f) Removed or Added Disconnected Size and Kind of Pipe (a) Beginning of Year (b) During the Year (c) During the Year (d) End of Year (e) Single Service 3/4" ----------Total

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Brunswick

Kind of Pipe			Added During the Year (in feet)		Retirements	Adjustments	In Use at	
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
Transmission Mains: DI PVC	8 8 4	200 9,570 25			-			In Use at End of Year (in feet) (i) 250 25 - - - - - - - - - - -
Total Transmission Mains		9,795	-	-	-	-	-	9,795
Distribution Mains: CI/DI Gal Asbestos PVC	8 6 4 2 14 6 4 8 6 4 2	2,941 3,717 10,938 40 12,972 5,255 15,950 9,694 6,828	- 2,010	- 4,238 95 -	6,248 95 - - - - - - - - - - - - - -	7 1,432 470 2,115 80		2,941 3,710 9,506 129 40 12,502 3,140 22,198 9,709 629 6,828 - - - - - - - - - - - - - -
Total Distribution Mains		69,093	2,010	4,333	- - 6,343	4,104	-	71,332

SERVICES					
		Utility Owned S	Services In Use		
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Single Service 3/4" Multiple Service 3/4" Service 1" Service 1-1/2" Service 2"	458 47 15 10 2	13	5	458 55 10 2 - - - - - - - - - - - - - - - - - -	
				-	
Total	532	13	5	540	-

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Garden City

Kind of Ppe (ase ion, galwings, field, correte, asbests, fastic, correte, (a) Diameter (b) In Use at Beginning of Year (b) In Use at (b) Counting to Featurents (b) Referements (b) Adjustments (b) Adjustments (b) Adjustments (b) Diameter (b) In Use at (b) Transmission & Distribution Mains Settinution Mains Referements (b) Settinution Mains Referements (b) Settinution Mains Setinution Mains Settinution M	 Explain any important items included in Column (h). New mains are those laid primarily for the purpose of serving new customers; replacements and the purpose of serving new customers. 			en City		laced.			
Total Transmission & Distribution Mains 6 30,500 30,500 30,500 30,500 30,500 30,500 30,500 30,500 105,6					Added During the Year (in feet)				In Use at
Total Transmission & Distribution Mains 6 30,500 30,500 30,500 30,500 30,500 30,500 30,500 30,500 105,6	asbestos, plastic, etc.) (a)	in Inches	(in feet)				(in feet)	(in feet)	End of Year (in feet) (i)
Total Transmission & Distribution Mains 6 30,500 30,500 30,500 30,500 30,500 30,500 30,500 30,500 105,6	Transmission & Distribution Mains: PVC	8 6 4 3 2		5,900 5,480 5,350 23,860	13	5,900 5,493 5,350 23,860 -	13		8,500 5,900 5,480 5,350 23,860
		2 4 6	-	24,660 30,500		24,660 30,500 -			30,500
	Total Transmission & Distribution Mains			- 105,600	13		13		

SERVICES Utility Owned Services In Use Services In Use Removed or Disconnected During the Year at End of Year not Included in Plant Accts. Added During the Year Size and Kind of Pipe Beginning of Year (b) End of Year (a) (c) (d) (e) (f) Service 3/4" Service 1" 648 32 6 23 657 ---2 --------649 657 Total 38

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Hickory Hills

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	In Use at End of Year (in feet) (i) 8,33 - - - - - - - - - - - - - - - - - -
ansmission & Distribution Mains: ′C	8	8,330		-	-	-		8,33
	4 3 2	-	3		- 3	3		-
	8	176 9			-			- 17
known Type	4	9 - 44			-			- 4
Total Transmission & Distribution Mains		8,559	3	-	- 3	3	-	- 8,55
					-			-
					-			-
					-			-
					-			-
					-			-
					-			-
					-			-
					-			-
					-			-
		-	-	-	-	-	-	-

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Plant Accts. Removed or Added During the Year Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year (a) (c) (d) (e) (f) Service 5/8" Service 3/4" 50 56 50 56 _ --2 --------Total 106 106

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Jaxson Estates

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
nsmission & Distribution Mains: tile Iron stic (PVC)	6 8 12 10 8 2	407 579 1.279 168 6,070 500	25 1,445		- 25 - 1,445 - - -			In Use at End of Year (in feet) (i) 44 66 1,2 1 1 7,5 50 - - - -
otal Transmission & Distribution Mains		9,003	1,470		- - - - - - - - - - - - - - - - - - -	-	-	
		-	-		- - - - - -		-	

SERVICES					
		Utility Owned S	Services In Use		
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Single Service 3/4" Multiple Service 3/4" Service 1" Service 13/4"	151	21	-	172	
				-	
				-	
Total	151	21	-	172	-

For the calendar year of January 1 - December 31, 2022



24	1,061			-	
20	15,525			-	
16	24,976			-	
14	3,545			-	
12	35,736		38	38	
10	23,719		8	8	
8	152,381	18	612	630	
6	237,203		84	84	
4	17,645		1	1	
2	9,714			-	
2	14,057			-	
12	12,198			-	
8	34,341			-	
6	42,140			-	
36	34			-	
30	180			-	
24	599			-	
20	399			-	
18	428			-	
16	250			-	
14	552			-	
12	632			-	
10	540			-	
1	76			-	
2	11,455			-	
2	937			-	
1	250			-	
1	229			-	

945 5

Added During the Yea (in feet)

Replacements

(e)

1,555

13,945

2,097

24

181

5

392

Retirements During the Year (in feet) (g)

2,382 6 543

13,812

147

778

81

15

129

2

802

Total (f)

1,555

14,890 2,102

24

-

181

5

392

Adjustments Debit (Credit) (in feet) (h)

1. Explain any important items included in Column (h 2. New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains rep

Diameter in Inches (b)

Kind of Pipe (case iron, galvanized, steel, concrete asbestos, plastic, etc.

(a)

Transmission & Distribution Mains

CI, DI

Asbestos

Lead WR/Galv Iron

Copper

PVC

HDPE

Polv

Steel Casing

Jefferson City

35

831

5,822

1,455

320

14

21,107

2,428 110,328 54,315

1,472

7,217

3,150

50

318

295

670

1

2

1

8

6

12 2 12

In Use at Beginning of Yea (in feet) (c)

In Use at End of Yeaı (in feet) (i) 1,061

15,525 a

24,976 24,976 3,545 33,392 23,721

152,468

223,475

17,499 9,714

13,279

12,198

34,260

42,125

11,450 937 250

229 35

831

5,822

1,326

320

22,662 2,434

125,218

56,415

1,496

7,217

2,529

50

318

295

1,062

5

14

S

FEET OF TRANSMISSION AND DISTRIBUTION MAINS

New Mains

(d)

FEET OF TRANSMISSION AND DISTRIBUTION MAINS

Joplin

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	In Use at End of Year (in feet) (i) 44
Transmission Mains: Cast Iron	36	44	-		-	-	-	44
	24 20	34 11,101	-		-	-	-	34 11 101
	16	11,132	-		-	-	-	11,132 73 257
Concrete	12 36	73 257	-		-	-	-	73 257
	30 24	49 11,144	-		-	-	-	49 11,144
	20	23	-		-	-	-	23
Total Transmission Mains		33,857	-	-	-	-	-	33,857
Distribution Mains:								
Cast Iron/Gal	24 20	220 7,620			-		-	220 7,620
	16	766			-		-	766
	12 10	57,791 8,504			-	4	-	57,787 8,504
	8	247,435			-	529	-	246,906
	6 4	222,917 68,146			-	1,216 632	-	221,701 67,514
	3	381			-		-	381
Concrete	2 30	92,543 150			-	11,295	-	81,248 150
	24	1,142			-		-	1,142
	16 12	16,360 (1)			-		-	16,360 (1)
Asbestos	16	(235)			-		-	(235)
	12	73,341 284,754			-	47	-	73,341 284,707
	6	53,915 16,668			-		-	53,915 16,668
PVC	12	10,008	1,677	7	1,684		-	14,259
	8	118,339	4,646	107	4,753	1,738	-	121,354
	6 4	8,253 58,447	340	64 38	64 378		-	8,317 58,825
	3	5 174			-		-	5 174
	2	97,097		133	133	109	-	97,121
Ductile Iron	1 30	201 451			-		-	201 451
Bucale non	24	7,721			-		-	7,721
	20 16	14,310 50,918			-		-	14,310 50,918
	12	261,372	2,168	2,756	4,924	3	-	266,293
	10 8	24 680,606	908	14,314	- 15,222	2,473	-	24 693,355
	6	113,796	508	3,520	3,520	22	-	117,294
PE	4	142,000 127		14	14	2	-	142,012 127
HDPE	12				-			-
	8	1,602 120		326	326	326	-	1,602 120
	2	3,617	542	96	638		-	4,255
Total Distribution Mains		2,724,169	10,281	21,375	31,656	18,396	-	2,737,429

Explain any important items included in Column (h).
 New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains replaced.

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r the calendar year of January 1 - December 31 2022

For

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FEET OF TRANSMISSION AND DISTRIBUTION MAINS Lake Carmel

Kind of Pipe		In Use at	In Use at	In Use at				Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)				
nsmission & Distribution Mains: stic (PVC)	3 & 2 4 6	20 10,480	8		- 8 	8		In Use at End of Year (in feet) (i) 10,44				
Total Transmission & Distribution Mains		10,500	8		8	8	-	- 10,5 - - - - - - - - - - - - - - - - - - -				

SERVICES					
		Utility Owned S	Services In Use		
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Single Service 3/4" Service 4"	1 3	3	-	4 3	
				-	
				-	
				-	
				-	
				-	
				-	
Total	4	3	-	7	-

For the calendar year of January 1 - December 31, 2022

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Lawson

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
Transmission & Distribution Mains: Plastic (PVC)	12 8 6 4 2	47,074 49,159 58,717 37,829 3,715	-	- 1,340 18 11	- 1,340 18 11 - - - - -	- 58 18 1,300		In Use at End of Year (in feet) (i) 47,074 50,44 56,717 36,544 3,718 - - -
Total Transmission & Distribution Mains		196,494	-	1,369	1,369 - - - - - - - - - - - - - - - - - - -	1,376	-	196,48

SERVICES								
	Utility Owned Services In Use							
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)			
Service Line - 3/4" Service Line - 2" Service Line - 1" Service Line - 6"	17 1 2 -	50	-	42 1 2 1 - -				
Total	20	51	25		-			

For the calendar year r of January 1 - December 31, 2022

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FEET OF TRANSMISSION AND DISTRIBUTION MAINS Maplewood

	In Use at (in feet) Diameter Beginning of Year	Added During the Year (in feet)		Retirements	Adjustments	In Use at	
Diameter in Inches (b)			Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
e	6 (170)			-			(17
3&2	2 13,230 5,154 5 5,355	-	17	- 17 -	17		In Use at End of Year (in feet) (i) 13,22 5,18 5,38
3	-	-	9	9 - -	9		
	23,569	-	26	26	26	-	23,56
				-			
				-			-
				-			-
				-			-
				-			-
				-			-
				-			-
	in Inches (b)	Diameter in Inches (b) Beginning of Year (in feet) (c) 6 (170) 3 & 2 13,230 4 5,154 6 5,355 3 -	Diameter in Inches (b) Beginning of Year (in feet) (c) New Mains (d) 6 (170) 3 & 2 13,230 4 5,154 6 5,355 3 -	In Use at Beginning of Year (in feet) (c)(in feet)New Mains (d)Replacements (e)6(170)3 & 213,230 445,154 65,355-3-3-	$\begin{tabular}{ c c c } \hline lin Use at Beginning of Year (in feet) & Iotal Beginning of Year (in feet) & Iotal (c$	$\begin{tabular}{ c c c } \hline \end{tabular} \\ \hline \$	$\begin{tabular}{ c c c c } \hline \end{tabular} \\ \hline$

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Removed or Added During the Year Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year Plant Accts. (a) (c) (d) (e) (f) Single Service 3/4" 5/8 x 3/4" Service 1" Service 3" PE 10 248 251 -30 2 30 2 1 --2 ---------Total 279 253

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FEET OF TRANSMISSION AND DISTRIBUTION MAINS

		FEET		AND DISTRIBUTION M xico	AINS						
 Explain any important items included in Column (h) New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains replace 											
Kind of Pipe			In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at		
(case iron, galvanized, steel, concrete asbestos, plastic, etc.) (a)	Diameter in Inches (b)		Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)		
Fransmission & Distribution Mains Cast Iron		12	6,238			-			6,23		
sbestos Concrete Juctile Iron		10 16 12 10 12	4,665 1,206 5,163 60			-			4,66 1,20 5,16		
lastic (PVC)		12 10 8	3,728 8,436						6 3,72 8,43		
Concrete		8	60			1			6		
Total Transmission & Distribution Main:			29,556	-	-	-	-	•	29,55		
Jistribution Mains 2ast Iron		12 10 8 6	9,100 8,367 19,982			-	1,758 34		9,10 6,60 19,92		
		4	155,433 36,702 11,345		8	8 - -	10,821 5,676 34		144,62 31,02 11,31		
Juctile Iron		4 2 12 10 8 6 4	7,936 581 1,517 1,628 (165)	95	28 261 100	28 - 356 100 -			7,96 58 1,87 1,72 (16		
sbestos			2,296 7,457 3,860 7,974		5	- - 5	5 34		2,29 7,45 3,86 7,94		
Plastic (PVC)		12 10 6 12 10 8 6 4 2 6	23,810 11,276 94,390 45,934 4,841	2,924 6	1,092 13 16,837 236 50	1,092 13 19,761 242 50	108 107		24,90 11,28 114,04 46,17 4,78		
Tyton		4 2 6	4,641 14,786 612 334		34	34 -	107		4,76 14,82 61 33		
Copper		4 2 1	235 574			1			23 57		
Vrought Iron	2	.75 3 2.5 2	338 30 157 2,752						33 3 15 2,75		
Nsbestos Cement Niscellaneous	14 Non-Gal	1.5 1 3	22 16 25 67		177	- - 177			24		
IDPE		2 8 12	- 3,007 1,306		20 989 559	20 989 559			2 3,99 1,86		
Total Distribution Mains			478,524	3,025	20,409	- 23,434	18,577		- 483,38		

SERVICES							
	Utility Owned Services In Use						
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)		
Single Service 3/4* Multiple Service 3/4* Service 1* Service 3* Service 3* Service 4* Service 4* Service 5* Service 5* Service 5* Service 5* Service 5* Service 5*	3,610 755 133 7 44 4 5 26 13 1 53 1 53 1 3 9 19	457 27 5 1 2	446 21 5 1 2	3,621 755 139 7 44 5 26 13 1 1 53 1 53 1 3 1 3 1 9 3 19			
Total	4,670	492	475 -	4,687	-		

For the ģ nber 31, 2022

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FEET OF TRANSMISSION AND DISTRIBUTION MAINS Orrick

Kind of Pipe		Added During the Year (in feet) Retirements	Retirements	Adjustments	In Use at			
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
ansmission & Distribution Mains: /C	8		2,318 560		2,318 560			2,31 56
	4 3	-	1,500 860		1,500 860 -			2,31 56 1,50 86 - 14,58
	4 6	-	14,585 17,547		14,585 17,547			- 14,58 17,54
L	1	-	1,082 1,351		- 1,082 1,351			- 1,08 1,35
Total Transmission & Distribution Mains		-	39,803	-	39,803	-	-	39,80
					-			-
								-
					-			-
					-			-
					-			-
					-			-
					-			:
Total Distribution Mains			<u> </u>	-	-	-	-	-

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Plant Accts. Removed or Added During the Year (c) Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year (a) (d) (e) (f) Service 3/4" Service 1" Service 2" Service 3" 320 10 5 321 11 --5 ----------Total 338 336

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Parkville

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Parkville Explain any important items included in Column (h). New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains replaced. Interview											
Kind of Pipe		In Use at	,	Added During the Year (in feet)		Retirements	Adjustments				
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)			
Transmission Mains: Asbestos Ductile Iron Cast Iron PVC Steel Pipe DIP	20 24 20 12 12 10 8 8 8 24	6,005 6,716 340 9,700 600 1,300 948						In Use at End of Year (in feet) (i) 2,711 6,005 6,716 340 9,700 600 1,300 948 8,570			
Total Transmission Mains		36,890	-	-	-	-	-	36,890			
Distribution Mains: Ductile Iron Cast Iron	24 16 12 10 8 6 4 12 10	10,490 65,150 3,371 44,761 3,492 333 20,336	560 3,285	249 4 5,369 16 333	- - 809 4 8,654 16 333 -	20		6.002 10.490 65.959 3.375 53.415 3.508 646 20.336 9.814			
PVC	8 6 4 2 12 10 8 6 4	39,571 47,339 53,088 12,971 48,124		687 109 53	- - - - 687 109 53	56 31 14 31 4 154 28		3,614 39,515 47,308 53,074 12,940 48,124 13,280 36,173 71,402 10,007			
Asbestos	2 12 10 8	16,454 13,074		42	42 - -	1,631 190 203		14,865 12,884 4,229 1,862			
HDPE	6 12 8 6 4	7,135				1,196 3,452		1,662 5,939 (3,452) 986 1,928 430 430			
Total Distribution Mains		541,772	3,845	6,862	10,707	7,010	-	545,469			

SERVICES						
	Utility Owned Services In Use					
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)	
Single Service 3/4" Multiple Service 3/4" Single Service 5/8" Service 5/8" Service 11/2" Service 2" Service 3" Service 6" Service 6" Service 10" Service 12"	1846 1,305 50 143 3 8 32 5 5 20	67 363 6 1	3 25	1,910 1,309 1,903 500 10 149 3 8 33 32 5 20 - - - -		
Total	5,023	437	28	5,432	-	



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FEET OF TRANSMISSION AND DISTRIBUTION MAINS Pevely Farms

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Pevely Farms Pevely Farms Pevely Farms 1. Explain any important items included in Column (h). Pevely Farms Pevely Farms 2. New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains replaced. Pevely Farms												
Kind of Pipe	In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at					
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	n Inches (in feet)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)				
Transmission & Distribution Mains: Plastic (PVC) Ductile Iron	8 12 10 8 6		511 6 4 10		- 511 6 4 10 - - -			In Use at End of Year (in feet) (i) 17,796 1,611 6 4 10 - -				
Total Transmission & Distribution Mains Distribution Mains:		18,896	531	-	531	-	-	19,427				
					- - - -							
								-				
					- - - - -			-				
Total Distribution Mains		-	-	-	-	-	-	-				

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Plant Accts. Removed or Added During the Year Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year (a) (c) (d) (e) (f) --2 -------Total

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Purcell

 Explain any important items included in Column (h). New mains are those laid primarily for the purpose of serving new customers; replacements ar 		Pu	AND DISTRIBUTION MA rcell water service, regardless		laced.			
Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements During the Year (in feet) (g)	Adjustments Debit (Credit) (in feet) (h)	
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)		New Mains (d)	Replacements (e)	Total (f)			In Use at End of Year (in feet) (i) 6,325 7,504 5,155 5,155 - -
Transmission & Distribution Mains: PVC	8 4	-	6,325 7,504		6,325 7,504			6,325 7,504
СІ	8 4	-	7,946 5,155		7,946 5,155 -			7,946 5,155
		-			-			
Total Transmission & Distribution Mains		-	26,930	-	26,930	-	-	26,930
Distribution Mains:								-
					-			-
					1			-
					-			-
					-			-
					-			1
					-			1
					-			<u> </u>
					-			-
					-			-
					-			
Total Distribution Mains		-	-	-	-	-	-	-

SERVICES					
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Service 3/4" //8"	-	164 164		164 164 -	
				-	
				-	
				-	
				-	
Total	-	328	-	328	-

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Redfield

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
ransmission & Distribution Mains: VC	2	6 6,309 t 528 2 1,589		8	8 - - - - - - -	8		In Use at End of Year (in feet) (i) 6,300 522 1,585 - - - - - -
Total Transmission & Distribution Mains		8,426	-	8		8	-	8,426 - - - - - - - - - - - - - - - - - - -
Total Distribution Mains		-	-	-	-	-	-	-

SERVICES					
		Ourstand to Unit			
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
5/8" srvice 3/4" service 3/4" "" 11/2" "" "" ""	10 - 13 8 2 3 1			- 10 - 13 8 2 3 1 - - - - - -	
	37	-	-	- - 37	-
	(a) /8" vivice 3/4" " 1/2" "	(a) (b) /8" //2" //2" /* //2" /* //2" /* /* //2" /* //2 /* /* //2 // // // // // // // // // // // //	Size and Kind of Pipe (a) Beginning of Year (b) Added During the Year (c) Added During the Year (c) Added During the Year (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)	Size and Kind of Pipe (a) Beginning of Year (b) Added During the Year (c) Disconnected During the Year (d) /8" vr/ce 3/4" service 3/4" * * * * * 10 - 13 8 2 3 3 * - * * - * * - * * - * * - * * - * * - * * - * * - * * - * ize and Kind of Pipe (a) Size and Kind of Pipe (a) Size and Kind of Pipe (a) Removed or Disconnected During the Year (b) End of Year (c) End of Year (e) /8" ************************************	

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Rogue Creek

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
ansmission & Distribution Mains: /C	4	21,120		55	55 - -	55		In Use at End of Year (in feet) (i) 21,12 - -
Total Transmission & Distribution Mains		21,120	-	55	- 55	55	-	21,12
					-			-
								-
								-
					-			-
Total Distribution Mains		-	-	-	-	-	-	-

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Plant Accts. Removed or Added During the Year Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year (a) (c) (d) (e) (f) Service 3/4" 116 5 115 --2 --------115 Total 116

FEET OF TRANSMISSION AND DISTRIBUTION MAINS St. Charles/Warren County

	FE		AND DISTRIBUTION M Varren County	AINS				
 Explain any important items included in Column (h) New mains are those laid primarily for the purpose of serving new customers; replacements 	are mains laid to serve cus	tomers already receiving	g water service, regardles	s of the size of mains re	place			
Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
ransmission & Distribution Mains								
ast Iron	18 14 12 10 8 8	358 120 1,346 468 9,656 2,924						In Use at End of Year (in feet) (i) 3 1 1,3 4 9,6 2,9
Ductile Iron	4 36 24 20 18 16 14 12	4,036 3,672 16,265 53,072 21,487 43,583	240		- 240 -	100		4,0 3,6 16,2 53,2 21,4 43,5
	16 14 12	28,061 456 47,192	301 321	106 15	407 - 336			28,4 47,5
	10 8 6 4	3,374 40,683 13,757	3,456 1,833	40 20	- 3,496 1,853			3,3 44,1 15,6
sbestos	4 18 16	261 3,502 33						2 3,5
	14 12 10	2,086 43,786 15,870						2,0 43,7 15,8
	8 6 4	106,850 16,580 97,449			-	460		106,8 16,1 97,4
Plastic (PVC)	18 16 14 12 10 8 6 4 3 20 18 18 16	901 2,610 20						9 2,6
	16 12 10	- 149,496 139,637	502 3,077	455 15	957 3,092 -			9 152,5 139,6
	12 10 8 6 4 2 1.5	741,466 513,298 17,736	5,452 231	134 248 55	5,586 479 55	380 250 -		746,6 513,5 17,7
	2 1.5 1.25	214,497 415 2,540	1,261	11	11 - 1,261	198		214,3 2 3,8
CCP teel Pipe	1.25 36 36 14 2 20 20 1	7,418 13,565 32			-			7,4 13,5
ialvanized	2 20	460 - 50	135		- 135			4 1
opper DPE	20	1,125		430	- - 430			1,1
	12 8 6	4,284 1,041 1,036			-			4,3 1,0 1,0
Total Transmission & Distribution Mains		2,388,550	16,809	1,529	18,338	1,388	-	2,405,5

	SERV	ICES				
			Utility Owned S	ervices In Use		
	Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Single Service 3/4' Multiple Service 1' Service 1' Service 1' Service 1' Service 1' Service 3'' Service 3'' Service 6'' Service 6'' Service 10'' Service 12''		8,746 10,321 1,944 231 251 251 251 251 251 251 251 251 251 25	53 49 7 1	29 53	8,770 10,321 112 1,937 231 258 23 13 21 24 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
Total		21,676	110	82	- 	-

FEET OF TRANSMISSION AND DISTRIBUTION MAIN: St. Joseph

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete asbestos, piastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
Supply Mains: Ductile Iron	36 30	32,780			-			32,78
Cast Iron	30 24	2,969 1,198 291			-			2,96
Last Iron	24 35 30 24	5,570			-			29 5,5
	20	2,072 27,686			-			2,0 27,6
Concrete	16 30	1,531 2,277 48			1			1,5 2,2
Total Supply Mains	20	48 76,422	-	-	-	-	-	76,4
Transmission & Distribution Mains:								
Cast Iron	30 24	8,534 9			1	43 36		8,4
	20 16	15,081 72,933			-	134 469		14,9 72,4
	14 12	36 153,422			-	42		153,3
	10 8	9,484 192,826			-	5 146		9,4 192,6
	6 5	568,185 140			-	6,784		561,4
	4	28,765 (1,307)			-	47 2		28, (1,
	2.5 2	109 92,705			-	12,584		80,1
Ductile Iron	2 36 30 24 20	18,275 1,918		109	- 109			18,2 2,0
	24 20	3,496 8,025		36 67	36 67			3,5 8,0
	16 12	53,416 191,702		605	605	10 81		54,0 191,6
	10 8	57 257,590	23	5 14	5 37	3,261		254,3
	6 4	17,425 3,893			1	45		17,4
Concrete	30 24	4,554 14,813			-			4,5 14,8
	24 20 16	14,168 22,398			-			14, 22,
Asbestos Cement	12	5,307 408,668			-	21 61		5,2
flastic (PVC)	6	92,948 56,081		14	- 14	2,873		90,0 56,0
	8	84,112 58,644	2,281	149 29,688	149 31,969	4		84,2 90,6
	5	101,662 136,220	2,201	893	899	928		101,6
	* 3 2.5	202,050	452	3,443 12	3,895 12	59 106		205,8
Coppper	2.5	230,028 3,493		729	- 729	5,167		230,0
Jopper Vrought Iron Steel	2 2 1&2	3,493 20,868 (91)		729	-	5,167		20,8 (8,5
Aiscellaneous	1&2 1 & less	2,366			-			2,3
IDPE	24	8,461 4,086		35	- 35	290 4		8,1 4,1
	6	1,623 4,685		239 7	239 7	4 7		1,8 4,6
	12	337		1,011	1,011			1,5
Total Transmission & Distribution Mains		3,335,571	2,762	37,056	39,818	41,667	-	3,333,7

Explain any important items included in Column (h).
 New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains replaced.

SERVICES

			Utility Owned S	Services In Use		
	Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Service 5/8"		-	7		7	
Single Service 3/4" Multiple Service 3/4"		- 882	1,031	36	- 1,877	
Service 1"		51	1,031		54	
Service 1 1/2"		181			181 52 57 9	
Service 2"		23	30	1	52	
Service 3" Service 4"		57	· .		57	
Service 4" Service 6"		8 19	1		9	
Service 8"		9	3		22 15	
Service 10"		2	-		2	
Service 12"					-	
		1			1	
Total		1,233	1,085	41	2,277	

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Company

ary 1 - December 31 2022

FEET OF TRANSMISSION AND DISTRIBUTION MAINS St. Louis

Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
Transmission Mains: DI, CI, HDPE, PVC DI, CI, PVC DI, CI, HDPE DI, CI, HDPE DI, CI, CAC DI, CI, Gal Gal DI, CI, AC DI, CI, PVC, AC, Galv DI, CI, PVC, AC, Galv DI, CI, PVC, AC HOPE DI, CI, PVC, Galv HOPE DI, CI, PVC, Galv Misc	16 18 20 24 30 36 42 48 54 60 48 60 4 4 8 8 8 10 12 12 3 or less	436,889 1,106 817,830 388,913 263,989 1,275 276,499 6,9709 - - 89 6,998 4,938 2,268,236 11,601,297 6,799,689 25,192 50,119 2,710,900 13,022 26,987 642	6,352 114,624 140,983 59,138 6,550 6,338	31,412 6,316 12,142 557 530 799 849 87 78 52,780 1,135 18,088 192,629 64 73,658 728 52	31,412 6,316 12,142 557 530 799 849 87 7 52,780 7,487 7,487 132,712 333,612 - 59,202 80,208 728 6,390 - - - - - - - - - - - - - - - - - - -	6,159 10,526 1,447 458 30 184 18,803 13,279 208,075 69,770 890 24,724 4 2,981	-	In Use at End of Year (in feet) (i) 462,141 1,106 813,620 399,608 264,088 1,805 277,268 70,374 87 7,074 87 7,074 87 7,075 11,525,934 7,063,631 22,302,213 477,035 11,525,934 7,063,631 22,106,384 30,396 642 - - -
Total Distribution Mains		21,706,675	333,985	286,353	620,338	319,722	-	22,007,291

SERVICES					
		Utility Owned S	Services In Use		
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
1* Copper 1-1/2* Copper 1-1/4* Copper 2* Copper 3* Copper 4* Copper 12* Ductile Iron 10* Ductile Iron 8* Ductile Iron 6* Ductile 10 m 5* Ductile Iron 6* Ductile Iron 5* Ductile Iro	1,665 246 12 46 - - 585 3 3 - 20 15 6 -	12,668 771 41 210 7 7 1,706 2 2 4 53 50 14 14	4	14,333 1,016 53 256 17 2,287 5 4 73 65 20 1	
				-	
Total	2,598	15,544	5	18,137	-

For the calendar year of January 1 - December 31, 2022

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FEET OF TRANSMISSION AND DISTRIBUTION MAINS Branson Metro

 Explain any important items included in Column (h). New mains are those laid primarily for the purpose of serving new customers; replacements are 			on Metro		laced.			Company to
Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	In Use at End of Year (in feet) (i)
Transmission Mains:					-			-
					-			- 9
					-			
					-			-
Total Transmission Mains		-	-	-	-	-	-	-
Distribution Mains: Ductile Iron	16-10 8	- 8,954 892	1,154		- 1,154			10,108
	4 2	892 3,279 6	121	2,138	- 2,259 -			892 5,538 6
Cast Iron PVC	42348 12-10 8	- 9,810 236,610	441	9	- - 450	- 9		9,810 237,051
	6 4 3&2	167,350 147,383 69,883	51	62 1,224 2,067	62 1,224 2,118	62 2,691 3,971		167,350 145,916 68,030
Galvanized HDPE	3/4"-1.5" 2	4,568 10,545 22		-	-	-		4,568 10,545 22
PE	4 3/4"-4"	2,899 3			-			2,899 3
		-			-			
Total Distribution Mains		662,204	1,767	5,500	7,267	6,733	-	- 662,738

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Removed or Added During the Year Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year Plant Accts. (a) (c) (d) (e) (f) PE 3/4" Plastic PVC 3/4" PVC 1" 5/8 Copper, PVC, SDR 9, 1"Copper, 3/4" Copper, 1-1/2" PVC 2" 474 225 6,460 3,983 424 84 34 225 6,460 36 36 3,980 3 1,980 255 1,980 255 -------13,324 13,377 Total 124

SCHEDULE ATTACHED TO AND MADE AS PART OF ANNUAL REPORT TO THE PUBLIC SERVICE COMMISSION OF MISSOURI Page W-14 Missouri-American Water Company Branson Metro

Ì					2020	Miles of Main in	n Use at End	of Year by	Operation, Pipe T	ype & Size					
	Emerald Pointe	Golden	Lake	Lakewood	Ozark	Rankin	Riverside	Spring	Saddlebrooke	Spokane	Stonebridge	Table Rock Estates	Tri-States	Woodland Manor	Totals
	Pointe	Acres	Taneycomo (LTA)	Manor	Mountain	Acres	Estates	Valley						Wanor	
PVC															
3/4"-1.5"		915.00											3,653.00		4,568.00
3 & 2		1,190.00	11,680.0	5,947.0	6,191.0	(2,315.0)	11,112.0	6,556.0			975.0	5,500.0	26,138.0	2,410.0	75,383.00
4		525.00	100.0	3,162.0	46,830.0	811.0	21,421.0	2,101.0			5,103.0		66,650.0	680.0	147,383.00
6	6	1,000.00			81,478.0		650.0	1,200.0		12,672.0	18,782.0		50,612.0	950.0	167,350.00
8	70,134.00								80,242.0		10,989.0		75,245.0		236,610.00
12-10													4,310.0		4,310.00
Total	70,140.00	3,630.00	11,780.0	9,109.0	134,499.0	(1,504.0)	33,183.0	9,857.0	80,242.0	12,672.0	35,849.0		226,608.0	4,040.0	635,604.0
Galvanized												5,500.00			
2						5,950.0								4,595.0	10,545.0
Total			-	-	-	5,950.0	-	-	-		-		-	4,595.0	10,545.0
Ductile Iron															
2													6.00		6.00
4			-	-	-	5,316.5	-	-	-		-		100.0	121.0	5,537.5
6											46.0		846.0		892.0
8									20.0		454.0		8,480.0	1,154.0	10,108.0
Total			-	-	-	5,316.5	-	-	20.0		500.0		9,432.0	1,275.0	16,543.5
PE			1				1								
3/4-4			6.0	-	3.0	-	-	-	-		-		(6.0)		3.0
Total			6.0	-	3.0	-	-	-			-		(6.0)		3.0
HDPE						10.0									
2			-	-	-	19.0	-	-	-		-		3.0		22.0
4						2,899.0									2,899.0
Total	0	0	0	0	0	2,918.00	0	-	0	0	0		3	0	2,921.0
Grand Total	70,140.00	3,630.00	11,786.0	9,109.0	134,502.0	12,680.5	33,183.0	9,857.0	80,262.0	12,672.0	36,349.0	5,500.0	236,037.0	9,910.0	665,616.5

FEET OF TRANSMISSION AND DISTRIBUTION MAINS Wardsville

 Explain any important items included in Column (h). New mains are those laid primarily for the purpose of serving new customers; replacements an 		War	AND DISTRIBUTION M/ dsville water service, regardless		laced.			
Kind of Pipe		In Use at		Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	End of Year (in feet) (i)
Transmission & Distribution Mains Ductile Iron	6 8	13,890 25,300		13	- 13	4		13,890 25,309
Plastic (PVC)	2 3 4	8,460 12,530 19,860		6	- 6 - -	6		In Use at End of Year (in feet) (i) 13,800 25,309 - 8,460 12,530 19,860 19,860 -
Total Transmission & Distribution Mains		80,040	-	19	- - - 19	10	-	80,049
					-			-
					-			
					- - -			
					- - -			
Total Distribution Mains		-	-	-	-	-	-	-

SERVICES					
		Utility Owned S	Services In Use		
Size and Kind of Pipe (a)	Beginning of Year (b)	Added During the Year (c)	Removed or Disconnected During the Year (d)	End of Year (e)	Services In Use at End of Year not Included in Plant Accts. (f)
Single Service 3/4" Service 1" Service 1-1/2" Service 2" Service 3" Service 4"	472 28 1 7 2 4	1	-	473 28 1 7 2 5 - -	
Total	514	2	-	516	-

For the calendar year of January 1 - December 31, 2022

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FEET OF TRANSMISSION AND DISTRIBUTION MAINS Warrensburg

Explain any important items included in Column (h).
 New mains are those laid primarily for the purpose of serving new customers; replacements are mains laid to serve customers already receiving water service, regardless of the size of mains replaced.

Company I Name Added During the Year (in feet) Missouri-Ar Kind of Pipe (case iron, galvanized, steel, concrete asbestos, plastic, etc.) (a) In Use at Retirements Adjustments Debit (Credit) In Use at Beginning of Year (in feet) (c) During the Year (in feet) (g) Diameter End of Year New Mains Total (f) (in feet) (h) in Inches Replacements (in feet) (i) (b) (d) (e) Supply Mains Asbestos Concrete 4,256 1,192 2,194 2,194 1,420 1,420 240 240 240 240 12 10 12 8 12 6 4,256 1,192 2,194 Plastic (PVC) 248 1,420 240 Ductile Iron Total Supply Mains 9,550 9,550 Transmission & Distribution Mains 2,922 813 8,717 43,207 7,690 2,922 813 Asbestos Concrete --8,720 43,214 3 7 -Ductile Iron 7,690 3,691 3.691 4 4 12 29,565 29,553 -52 52 32,518 3,817 30,638 192 1,688 1,880 3,820 3 280 33,735 27,825 272 8 8 33,724 27,825 128,329 Plastic (PVC) 11 11 -4,483 134 22 1,269 51 64 132,761 132,761 18,467 9,975 13,016 17,253 88,358 88,358 88,358 28,702 1,659 3,245 5,033 215 5,033 215 5,033 215 258 642 1,442 2,111 80 7 7 190 3,214 76,304 1,754 18,464 9,975 13,016 134 22 3 3 Cast Iron 17,253 89,366 33,278 1,659 3,248 5,033 215 258 642 1,442 2,111 1,008 4,576 2 2.25 2 1 0.75 1.25 1 24 2 2 6 Copper i i Galvanized Steel PE HDPE 80 7 . 190 1,677 1,677 640 8 640 -598,701 597,887 Total Transmission & Distribution Mains 1.461 5,084 6,545 5,731

Size and Kind of Pipe (a) Size and Kind of Pipe (a) Size and Kind of Pipe (a) Size and Kind of Pipe (b) Size and Kind of Pipe (c) Si	SERVICES					
Size and Kind of Pipe (a) Size and Kind of Pipe (a) Removed of Beginning of Year (b) Removed of During the Year (c) Removed of During the Year (d) Removed of End of Year (d)			Utility Owned	Services In Use		
Service 1* 678 446 150 974 Service 2* 200 1 1035 Service 2* 200 1 1 200 Service 3* 33 3 3 3 Service 4* 132 59 59 59 Service 6* 62 62 62 Service 8* 62 - -			During the Year	Disconnected During the Year		Services In Use at End of Year not Included in Plant Accts. (f)
F 711 520 212 6 010	Service 1* Service 13/4* Service 2* Service 3* Service 4* Service 6*	678 1,035 200 3 132 59	1		1,569 974 1,035 200 3 132 59 62 - - - - - - - - - - - - -	
	Total	5,711	520	212	6,019	-

For the cale ġ mber 31 2022

Indicates formula cell.

FEET OF TRANSMISSION AND DISTRIBUTION MAINS White Branch

 New mains are those laid primarily for the purpose of serving new customers; replacements ar Kind of Pipe 		In Use at	-	Added During the Year (in feet)		Retirements	Adjustments	In Use at
(case iron, galvanized, steel, concrete, asbestos, plastic, etc.) (a)	Diameter in Inches (b)	Beginning of Year (in feet) (c)	New Mains (d)	Replacements (e)	Total (f)	During the Year (in feet) (g)	Debit (Credit) (in feet) (h)	In Use at End of Year (in feet) (i) (131) 18,230
Transmission Mains: Ductile Iron PE	6 3/4-1	(131) 18,390 -				60		(131) 18,230 -
Plastic (PVC)	3 or less 4 6	- 3,061 3,940 450		129	- 129 - - -	69		- 3,061 4,100 450 -
Total Transmission Mains		25,710	-	129	- 129	129	-	25,710
Distribution Mains:								
Total Distribution Mains		-	-	-	-	-	-	

SERVICES Utility Owned Services In Use Services In Use at End of Year not Included in Plant Accts. Removed or Added During the Year Disconnected During the Year Size and Kind of Pipe Beginning of Year (b) End of Year (a) (c) (d) (e) (f) Single Service 3/4" Service 6" 10 5 6 10 -2 -------_ Total 15

		Anna Meadows <u>METERS</u>				
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8	158	-	-	158	
Total in Residential Use		158	-	-	- 158	
In Commercial Use:					-	
					-	
					-	
					-	
Total in Commercial Use In Industrial Use:		-	-	-	-	
					-	
					-	
					-	
Total in Industrial Use In Public Use:		-	-	-	-	
					-	
Total in Public Use In Company Use		- 1	-	-	- 1	
					-	
Total in Company Use		1	-	-	- 1	
Changes in/out of stock					-	
Total All Meters		159	-	-	159	

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
	9			9 -			
Total Public Fire Protection	9	-	-	9			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Hydrants Other than Fire:				-			
Total Hydrants	9	-	-	9			

Brunswick Operations <u>METERS</u>

			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	E (0)	264			262	
	5/8" 1"	364 2	-	- 1	363 2	
	2"	-	-	-	-	
					-	
Total in Residential Use In Commercial Use:		366	-	1	365	
	5/8"	53	-	2	51	
	1" 2"	11 5	-	-	11 5	
					-	
					-	
Total in Commercial Use		69	-	2	67	
In Industrial Use:					-	
					-	
					-	
					-	
Total in Industrial Use		-	-	-	-	
In Public Use:	5/8"	8	-	-	8	
Total in Public Use	2"	1	-	-	1 9	
In Wholesale Use	5/8"	-	-	-	-	
	1"	1	-	-	1	
Total in Wholesale Use	2"	1	-	-	1 2	
Changes in/out of stock					-	
Total All Meters		446	-	3	443	
···· ··· -						

HYDRANTS

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
	71	12	10	73 -		
Total Public Fire Protection	71	12	10	73		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Total Hydrants Other than Fire:	7			7		
Total Hydrants	78	12	10	80		

Emerald Pointe Operations <u>METERS</u>

			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:	5/8"	462	8	-	470	
	1" 2"	402 9 26	1	-	470 10 26	
					-	
Total in Residential/Commercial Use		497	9	-	506	
					-	
					-	
					-	
		-	-	-	-	
In Industrial Use:					-	
					- -	
					-	
					-	
Total in Industrial Use In Public Use:		-	-	-	-	
					-	
Total in Public Use In Wholesale Use		-	-	-	-	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		497	9	-	506	

HYDRANTS

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
	115	-	-	115 -			
Total Public Fire Protection	115	-	-	115			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Hydrants Other than Fire:				-			
Total Hydrants	115	-	-	115			

		Garden City <u>METERS</u>				
			Number of Utility			
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	1" 1-1/2" 2"	2 1 1	- - 1	1 1 -	1 - 2	
Total in Residential Use In Commercial Use:	5/8"	705	-	32	673 - - 676	
	1" 1-1/2" 2" 5/8"	2 3 3 59	2 - - -	- 1	4 2 3 58	
Total in Commercial Use In Industrial Use:		67	2	2	- - - - - -	
					- - - -	
Total in Industrial Use In Public Use: Total in Public Use		-	-	-	-	
In Wholesale Use						
Total in Wholesale Use Changes in/out of stock		-	-	-	-	
Total All Meters		776	3	36	743	

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
	-	3	3	-		
Total Public Fire Protection	-	3	3	-		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Total Hydrants Other than Fire:				-		
Total Hydrants	-	3	3	-		

oonpany taine <u>moodan American trater company</u>		Golden Acres <u>METERS</u>				
		Number of Utility Owned Meters				
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8" 1"	31 2	-	- 1	31 1 - - -	
Total in Residential Use In Commercial Use:		33	-	1	- 32 	
Total in Commercial Use In Industrial Use:		-	-	-	- - - - - - - - - - - - - - - - - - -	
Total in Industrial Use In Public Use: Total in Public Use		-	-	-	- - - - - - - - - - - - - - - - - - -	
In Wholesale Use Total in Wholesale Use Changes in/out of stock		-	-	-		
Total All Meters		33	-	1	32	

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
				-			
Total Public Fire Protection	-	-	-	-			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Hydrants Other than Fire:				-			
Total Hydrants	-	-	-	-			

		Hickory Hills <u>METERS</u>				
			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8"	50	1	_	51	
	5/0	50	Ĩ			
					-	
Total in Residential Use		50	1	-	- 51	
In Commercial Use:	5/8"	1	-	-	1	
					-	
					-	
Total in Commercial Use		1	-	-	- 1	
In Industrial Use:					-	
					-	
					-	
Total in Industrial Use		-	_	-		
In Public Use:		-	-	-	_	
Total in Public Use		-	-	-	-	
In Wholesale Use					-	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		51	1	-	52	

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
				-		
Total Public Fire Protection	-	-	-	-		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Tatal Understa Other than First						
Total Hydrants Other than Fire:				-		
Total Hydrants	-	-	-	-		

		Jaxson Estates <u>METERS</u>				
			Number of Utility Owned Meters			
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8"	165	25	-	190	
	0,0	100			-	
					-	
Total in Residential Use		165	25	-	- 190	
In Commercial Use:					-	
					-	
					-	
Total in Commercial Use		-	-	-	-	
In Industrial Use:					-	
					-	
					-	
Total in Industrial Use		_	_	-	-	
In Public Use:					-	
Total in Public Use		-	-	-	-	
In Wholesale Use					-	
Total in Wholesale Use		_	_	-		
Changes in/out of stock		-		-	-	
Total All Meters		165	25	-	190	

	Number of Utility Owned Hydrants					
No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
16	3	-	19 -			
16	3	-	19			
			-			
-	-	-	-			
			-			
16	3		19			
	at Beginning of the Year (b) 16 16	at Beginning of the Year (b) 16 3 16 3 16 3 16	at Beginning of the Year (b) During the Year (c) During the Year (d) 16 3 - 16 3 - - - - - - -	at Beginning of the Year (b) During the Year (c) During the Year (d) at End of Year (e) 16 3 - 19 16 3 - 19 - - - - 16 3 - 19 - - - - - - - - - - - - - - - - - - - - - - - -		

Jefferson City Operations <u>METERS</u>							
		Number of Utility Owned Meters					
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)	
In Residential Use:	5/8" 1" 1 1/2" 2"	9,191 180 3 5	2	9 - - 1	9,182 182 3 4		
Total in Residential Use In Commercial Use:	5/8" 1"	9,379 895 325	2 - 5	- - -	9,371 895 330		
	1 1/2" 2" 3" 4" 6" 10"	83 192 10 11 2 1	-	-	83 192 10 11 2 1		
Total in Commercial Use In Industrial Use:		1,519	5		- 1,524 - - - - -		
Total in Industrial Use In Public Use:		-	-	-			
	5/8" 1" 1 1/2" 2" 3" 4"	62 65 44 108 14 10		7 3 1 - -	55 62 43 109 14 10		
Total in Public Use In Private Fire Use	1" 2" 5/8"	303 4 2 53	1 - - 6	- - -	- 293 - 4 2 59		
Total in Private Fire Use		59	6	-	65		
In Company Use		6			6		
Total All Meters		11,266	14	21	11,259		

		No. of			
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
5-1/4"	1,079	32	29	1,082	
4"	8	-		8	
Total Public Fire Protection	1,087	32	29	1,090	
Private Fire Protection:					
5-1/4"				-	42
4"				-	1
Total Private Fire Protection	-	-	-	-	43
Total Hydrants Other than Fire:				-	
Total Hydrants	1,087	32	29	1,090	43

Joplin Operations METERS

			Number of Utility	/ Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:						
	5/8" 1"	21,076 2,485	173 29	-	21,249 2,514	
	1 1/2"	2,485	-	-	2,314	
	2" 3"	41	3	-	44	
	4"	-	-	-	-	
Total in Residential Use In Commercial/Industrial Use:		23,604	205	-	23,809	
	5/8"	1,747	-	2	1,745	
	3/4" 1"	- 660	- 5	-	- 665	
	1 1/2"	8	-	-	8	
	2" 4"	539	21	-	560 40	
	4 6"	41 16	-	-	40 16	
	8" 10"	7	-	-	7	
Total in Commercial/Industrial Use	10	3,019	- 26	- 3	3,042	
In Public Use (OPA):	E (0)			10	45	
	5/8" 1"	55 42	-	10 4	45 38	
	2"	64	-	5	59	
	4" 6"	7	-	-	7	
	8"	1	-	-	1	
Total in Public Use (OPA) In Wholesale Use		170	-	19	151	
	1"	-	-		-	
	2" 4"	1	-		1	
	6"	2	-		2	
Total in Wholesale Use	8"	1	-	-	1	
Private Fire Meters						
	5/8" 4"	201	37 1	-	238 1	
Total Private Fire Meters	4	201	38	-	239	
Free Meters	5/8"	5	-	-	5	
	5/8" 1"	5	-	-	5	
Table Free Materia	2"	2	-	-	2	
Total Free Meters		14	-	-	14	
Company Use Meters		1	-	-	1	
Total All Meters		27,014	269	22	27,261	

HYDRANTS

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
	517	45	13	549		
Total Public Fire Protection	517	45	13	549		
Private Fire Protection:						
	104	75	-	179		
	101	75		-		
Total Private Fire Protection	104	75	-	179		
Total Hydrants Other than Fire:				-		
Total Hydrants	621	120	13	728		

		Lake Carmel <u>METERS</u>				
			Number of Utility	/ Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:	5/8"	68	2	-	70	
	1"	-	1	-	1 -	
					-	
Total in Residential/Commercial Use		68	3	-	71	
					-	
					-	
					-	
In Industrial Use:		-	-	-	-	
in nusha osc.					-	
					-	
					-	
Total in Industrial Use In Public Use:		-	-	-		
					-	
Total in Public Use In Wholesale Use		-	-	-	-	
					-	
Total in Wholesale Use		-	-	-		
Changes in/out of stock					-	
Total All Meters		68	3	-	71	

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
				-		
Total Public Fire Protection	-	-	-	-		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Tatal Understa Other than First						
Total Hydrants Other than Fire:				-		
Total Hydrants	-	-	-	-		

		Lawson <u>METERS</u>				
			Number of Utility Owned Meters			
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:	5/8"	980	10	_	990	
	1"	17	-	-	17	
	1-1/2" 2"	5 19	-	-	5 19	
	3"	1	-	-	1	
Total in Residential/Commercial Use		1,022	10	-	1,032	
					-	
					-	
					-	
					-	
		-	-	-	-	
In Industrial Use:					-	
					-	
					-	
					-	
Total in Industrial Use		-	-	-	-	
In Public Use:					-	
Total in Public Use		-	-	-	-	
In Wholesale Use		-	-	-	-	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		1,022	10	-	1,032	

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
	142	4	2	144 -		
Total Public Fire Protection	142	4	2	144		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Total Hydrants Other than Fire:				-		
Total Hydrants	142	4	2	144		
		Maplewood <u>METERS</u>				
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			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:	5/8" 2" 3"	398 2 1	-	6	392 2 1 - -	
Total in Residential/Commercial Use In Commercial Use:		401	-	6	- 395 - - - - - - - -	
Total in Commercial Use In Industrial Use:		-	-	-		
Total in Industrial Use In Public Use:		-	-	-	- - - -	
Total in Public Use In Wholesale Use		-	-	-		
Total in Wholesale Use Changes in/out of stock		-	-	-	-	
Total All Meters		401	-	6	395	

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
		-		-			
Total Public Fire Protection	-	-	-	-			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Understa Other than First							
Total Hydrants Other than Fire:				-			
Total Hydrants	-	-	-	-			

		Mexico Meters				
			Number of Utilit	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:						
	5/8"	4,500	-	-	4,500	
	3/4" 1"	4	-	-	4 38	
	1-1/2"	- 50	-	-	- 50	
	2"	2	-	-	2	
	3"	2	-	-	2	
	4"	-	-	-	-	
Total In Decidential Has	6"	-	-	-	-	
Total in Residential Use In Commercial/Industrial Use:		4,546	-	-	4,546	
	5/8"	329	-	-	329	
	3/4"	5	-	-	5	
	1"	93	-	-	93	
	1 1/2"	1	-	-	1	
	2"	66	-	-	66	
	3"	7	-	-	7	
	4" 6"	3	-	-	3	
Total in Commercial/Industrial Use	0	507	-	-	507	
In Public Use:						
	5/8"	28	-	-	28	
	3/4"	3	-	-	3	
	1"	24	-	-	24	
	1 1/2" 2"	3 36	-	-	3 36	
	2 3"	5	-	-	30 5	
Total in Public Use	Ŭ	99	-	-	99	
In Wholesale Use						
	2"	1	-	-	1	
	3"	1	-	-	1	
Tatal in Whalasala Line	6"	-	-	-	-	
Total in Wholesale Use In Private Fire Use		2	-	-	2	
	5/8"	4,748	-	4,701	47	
		,		,	-	
Total in Private Fire Use		4,748	-	4,701	47	
Company Meters		9	-	-	9	
		9	-	-	9	
Total All Meters		9,911	-	4,701	5,210	
		.,		,		

	Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:						
	583	25	21	587 -		
Total Public Fire Protection	583	25	21	587		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Total Hydrants Other than Fire:				-		
Total Hydrants	583	25	21	587		

		Orrick METERS				
		Number of Utility Owned Meters				
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8" 1" 2" 3"	-	321 2 1 1	-	321 2 1 -	
Total in Residential Use In Commercial/Industrial Use:	5/8" 1" 2" 3"	-	325 31 3 5 1	-	325 31 3 5 1 -	
Total in Commercial/Industrial Use		-	40	-	- - 40 - - - - -	
In Public Use:	5/8" 2"	-	- 6 2 8	-	- - - 6 2 8	
Total in Public Use In Wholesale Use Total in Wholesale Use	5/8" 1" 2"	-	8 - - -	-	8 - - - -	
Changes in/out of stock Total All Meters		-	373	-	- 373	

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
	-	48	-	48 -			
Total Public Fire Protection	-	48	-	48			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Hydrants Other than Fire:				-			
Total Hydrants	-	48	-	48			

	P	Parkville Operatior <u>METERS</u>	IS			
			Number of Utilit	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8" 1" 1 1/2" 2"	5,502 680 13 6	190 9 - 1		5,692 689 13 7 -	
Total in Residential Use In Commercial/Industrial Use:	5/8"	6,201 283	200	-	6,401	
	1" 1 1/2" 2" 3" 4" 6"	95 43 105 9 5 5	2 1 1 - - 1		97 44 106 9 5 6	
Total in Commercial/Industrial Use In Public Use (OPA):	8"	2 547	- 6	-	2 553	
	5/8" 1" 1 1/2" 2" 3" 4"	19 4 8 9 1	- 1 	3 - - - -	16 5 8 9 1 -	
Total in Public Use (OPA) In Wholesale Use	6" 3"	1 42 2	- 1	- 3	1 40 2	
Total in Wholesale Use	4"	1	-	-	1 - 3	
In Private Fire Use	5/8" 1" 1-1/2" 4"	65 1 1 1	1 - - -		66 1 1 1	
Total in Private Fire Use		68	1	-	- 69	
Free Meters	2"	1	-	-	1	
Total All Meters		6,862	208	3	7,067	

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
	940	28	11	957			
Total Public Fire Protection	940	28	11	957			
Private Fire Protection:							
	34	-	23	11			
				-			
Total Private Fire Protection	34	-	23	11			
Total Hydrants Other than Fire:				-			
Total Hydrants	974	28	34	968			

		Pevely Farms <u>METERS</u>				
		Number of Utility Owned Meters				
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8"	9	_	_	9	
	3/4"	9	-	-	9	
	1" 1-1/2"	147 4	1	-	148 4	
	1 1/2	-				
Total in Residential Use		169	1	-	- 170	
In Commercial Use:	5/8"	1	-	-	1	
	1"	2	-	-	2	
					-	
					-	
					-	
Total in Commercial Use In Industrial Use:		3	-	-	3	
					-	
					-	
					-	
					-	
Total in Industrial Use		-	-	-	-	
In Public Use:						
					-	
Total in Public Use In Wholesale Use		-	-	-	-	
					-	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		172	1	-	173	
			-			

			No. of		
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
	29	-	-	29 -	
Total Public Fire Protection	29	-	-	29	
Private Fire Protection:					
				-	
Total Private Fire Protection	-	-	-	-	
Total Hydrants Other than Fire:				-	
Total Hydrants	29	-	-	29	

		Purcell METERS				
			Number of Utility	Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8"		182	-	182	
					-	
					-	
Total in Residential Use		-	182	-	182	
In Commercial Use:	5/8"		6	-	6	
					-	
					-	
Total in Commercial Use		-	6	-	- 6	
In Industrial Use:					_	
					-	
					-	
					-	
Total in Industrial Use In Public Use:		-	-	-	-	
	5/8"		1	-	1 -	
Total in Public Use In Wholesale Use		-	1	-	1 -	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		-	189	-	189	

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
	-	28	-	- 28			
Total Public Fire Protection	-	28	-	28			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Hydrants Other than Fire:				-			
Tatal Understa		20		20			
Total Hydrants	-	28	-	28			

		Redfield <u>METERS</u>				
			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:	5/8"	19	1	-	20	
	1" 2"	14 2	-	-	14 2 -	
Total in Residential/Commercial Use		35	1		- - 36	
		33	I	-	30	
					-	
					-	
					-	
In Industrial Use:		-	-	-	-	
					-	
					-	
					-	
Total in Industrial Use In Public Use:		-	-	-	-	
					-	
Total in Public Use In Wholesale Use		-	-	-	-	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		35	1	-	36	

		Number of Utility	Owned Hydrants		No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
	3			-	
Total Public Fire Protection	3	-	-	3	
Private Fire Protection:					
				-	
Total Private Fire Protection	-	-	-	-	
Total Hydrants Other than Fire:	 			-	
Total Hydrants	3	-	-	3	

		Rogue Creek <u>METERS</u>				
			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:	5/8"	117	-	-	117	
					-	
Total in Residential Use In Commercial Use:		117	-	-	117	
					-	
					-	
					-	
Total in Commercial Use In Industrial Use:		-	-	-	-	
					-	
					-	
					-	
Total in Industrial Use In Public Use:		-	-	-	-	
					-	
Total in Public Use In Wholesale Use		-	-	-	-	
					-	
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		117	-	-	117	

		Number of Utility	Owned Hydrants		No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
				-	
Total Public Fire Protection	-	-	-	-	
Private Fire Protection:					
				-	
Total Private Fire Protection	-	-	-	-	
Total Hudranta Other than Fire					
Total Hydrants Other than Fire:				-	
Total Hydrants	-	-	-	-	

St. Charles/Warren County Operations <u>METERS</u>

			Number of Utilit	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:						
	5/8" 1" 1 1/2" 2" 3" 4" 6" 8" 10"	29,179 1,871 229 250 28 21 11 16 3	- 11 5 - - - -	535 - - 1 - 1 - 1 -	28,644 1,882 230 255 27 21 10 16 3	
Total in Residential/Commercial Use		31,608	17	537	- 31,088	
In Industrial Use:		-	-	-		
Total in Industrial Use In Public Use:		-	-	-	•	
Total in Public Use		-	-	-	-	
In Private Fire Use	5/8"	46	3	-	- - 49 -	
Total in Private Fire Use		46	3	-	- 49	
Changes in/out of stock					-	
Total All Meters		31,654	20	537	31,137	

HYDRANTS

		Number of Utility	Owned Hydrants		No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
	3,194	54	21	3,227	
Total Public Fire Protection	3,194	54	21	3,227	
Private Fire Protection:					
				-	
Total Private Fire Protection	-	-	-	-	
Total Hydrants Other than Fire:				-	
Total Hydrants	3,194	54	21	3,227	

St. Joseph Operations <u>METERS</u>

			Number of Utilit	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	1 169 1 71 446 14 25 10 8 16 2,930 3 48 15 35 16 90 4 4 1 1 4 214 5 3 1 1 1 1 1 316 317 -	
In Residential Use:						
	5/8" 3/4" 1"	27,964 1,592 716	2 - 10	- 4	1,588	
	1 1/2" 2" 3"	6 16 -	- 3 -	-	19	
	4" 6" 8"	-	-	-		
Total in Residential Use In Commercial/Industrial Use:	5/8"	30,294 1,693	- 15	4		
	3/4" 1"	169 502	- 7	-	169 509	
	1 1/2" 2" 3"	72 430 14	- 16 -	1 - -	446	
	4" 6" 8"	23 9 7	2 1 1	-	10	
Total in Commercial/Industrial Use In Public Use (OPA):		2,919	27	16	2,930	
	5/8" 3/4" 1"	51 15 32	- - 3	3 - -	15	
	1 1/2" 2" 3"	16 88 4	- 2	-	90	
	4" 6" 8"	4 1 2	-		4 1	
Total in Public Use (OPA) In Wholesale Use		213	5		214	
	2" 4" 6"	5 5 3	-	-	5	
Total in Wholesale Use In Private Fire Use	5/8"	1 14	-		- 13	
	5/8" 2"	297 1	19 - 10	-	1	
Total in Private Fire Use		298	19	-		
Changes in/out of stock						
Total All Meters		33,738	66	25	33,779	

HYDRANTS

		Number of Utility	Owned Hydrants		No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
	3,196	134	132	3,198	
Total Public Fire Protection	3,196	134	132	3,198	
Private Fire Protection:					
				-	
Total Private Fire Protection	-	-	-	-	
Total Hydrants Other than Fire:				-	
Total Hydrants	3,196	134	132	3,198	

St. Louis Operations <u>METERS</u>

			Number of Utility	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential/Commercial Use:						
Total in Residential/Commercial Use In Industrial Use:	5/8" 3/4" 1" 1 1/2" 2" 3" 4" 6" 8" 10"	299,491 31,028 11,059 1,486 4,334 349 273 262 305 72 348,659	1,891 198 1,131 443 117 22 111 7 6 1	- - - - - - - - -	301,382 31,226 12,190 1,929 4,451 371 284 269 311 73 - - - - - - - - - - - - - - - - -	
Total in Industrial Use In Public Use:		-		-		
					-	
Total in Public Use In Wholesale Use		-	-	-		
Total in Wholesale Use		-	-	-	-	
Changes in/out of stock					-	
Total All Meters		348,659	3,827	-	352,486	

HYDRANTS

		Number of Utility	Owned Hydrants		No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
	32,438	1,297	584	33,151	
Total Public Fire Protection	32,438	1,297	584	33,151	
Private Fire Protection:					
				-	
Total Private Fire Protection	-	-	-	-	
Total Hydrants Other than Fire:				-	
Total Hydrants	32,438	1,297	584	33,151	

Company Name Missouri-American Water Company						Tri-County METERS								
Use (a)	Size (b)	Saddlebrook	Tri States	Spring Valley	Spokane	Stonebridge /Roark	Riverside	Lakewood Manor	LTA	Ozark Mountain 1	Ozark Mountain 2	Ozark Mountain 3	Total	
In Residential Use:	5/8" 1" 1-1/2 2*	56 99	3,277 19 2	105 1	53	706 2	310 3	39	106	155 1	212	123	5,142 125 - 2 -	
Total in Residential Use In CommercialIndustrial Use:	5/8" 1" 1 1/2" 2" 3" 4" 6" 8"	155 4 1	3,298 132 30 105 7 6 1 1	106 1 1	53	708 41 47 13 11	313	39	106	156	212	123	5,269 178 79 13 116 7 6 1 1	
Total in Commercial/Industrial Use In Private Fire Use:	5/8"	5	282	2	-	112	-	-	-	-	-	-	401	
Total in Private Fire Use In Company Use	2*	-	5	-	-	-	-	-	-	-	-	-	5	
Total in Company Use		-	1	-				-			-	-	- 1	
Changes in/out of stock													-	
Total All Meters		160	3,586	108	53	820	313	39	106	156	212	123	5,676	
						HYDRANTS								
							Number of Utility	Owned Hydrants						No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)		No. in Service at Beginning of the Year (b)	Added During the Year (c)									Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrant in Service End of Year (f)
Public Fire Protection:													-	

								-
Total Public Fire Protection								
Private Fire Protection:								
								1
Total Private Fire Protection							-	-
Total Hydrants Other than Fire:								-
Total Hydrants	-	-					-	

Wardsville <u>METERS</u>							
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)	
In Residential/Commercial Use:	5/8" 1" 1-1/2" 2" 3"	482 21 3 6 3	2		484 21 3 6 3		
Total in Residential/Commercial Use		515	2	-	- 517 - - - - - - -		
In Industrial Use:		-	-	-			
Total in Industrial Use In Public Use:		-	-	-	- - - -		
Total in Public Use In Wholesale Use		-	-	-			
Total in Wholesale Use		-	-	-	-		
Changes in/out of stock					-		
Total All Meters		515	2	-	517		

		Number of Utility Owned Hydrants					
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)		
Public Fire Protection:							
	63	1	1	63 -			
Total Public Fire Protection	63	1	1	63			
Private Fire Protection:							
				-			
Total Private Fire Protection	-	-	-	-			
Total Hydrants Other than Fire:				-			
Tatal Understa	(2)	1	1				
Total Hydrants	63	1	1	63			

Warrensburg Operations <u>METERS</u>

			Number of Utilit	y Owned Meters		
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)
In Residential Use:						
	5/8" 3/4"	7,165 3	60	-	7,225	
	3/4 1"	30	-	-	3 30	
	2"	1	-	-	1	
					-	
Total in Residential Use		7,199	60	-	- 7,259	
In Commercial/Industrial Use:		7,155	00	-	1,233	
	5/8"	539	8	-	547	
	3/4" 1"	5 96	-	1	4 96	
	1 1/2"	29	-	-	96 29	
	2"	130	-	-	130	
	3"	4	-	-	4	
	4" 6"	8	-	-	8 1	
	6" 8"	1	-	-	1	
	12"	-	1	-	1	
Total in Commercial/Industrial Use		813	9	1	821	
In Public Use (OPA):	5/8"	96	-	4	92	
	3/4"	- 90	-	- 4	- 92	
	1"	8	-	-	8	
	1 1/2"	4	-	-	4	
	2" 3"	39 5	-	- 1	39 4	
	3 4"	13	-	-	4	
	8"	1	-	-	1	
Total in Public Use (OPA)		166	-	5	161	
In Sales for Resale Use	4"	1	-	-	1	
	ŕ	1			-	
Total in Sales for Resale Use		1	-	-	1	
In Private Fire Use	5/8"	98	1	-	99	
	310	98	1	-	- 99	
Total in Private Fire Use		98	1	-	99	
Chamman infant of shark						
Changes in/out of stock					-	
Total All Meters		8,277	70	6	8,341	

HYDRANTS

	Number of Utility Owned Hydrants No.				No. of
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)
Public Fire Protection:					
	814	21	22	813	
Total Public Fire Protection	814	21	22	813	
Private Fire Protection:					
	16		-	16	
Total Private Fire Protection	16	-	-	- 16	
Total Hydrants Other than Fire:				-	
Total Hydrants	830	21	22	829	

Woodland Manor <u>METERS</u>								
		Number of Utility Owned Meters						
Use (a)	Size (b)	Beginning of Year (c)	Added During the Year (d)	Removed or Disconnected During the Year (e)	End of the Year (f)	Number of Meters Owned by Customers in Use at End of Year (g)		
In Residential Use:	5/8" 1" 2"	171 2 1	2	- 1	173 1 - -			
Total in Residential Use In Commercial/Industrial Use:	5/8" 3/4" 1" 1-1/2" 2"	174 19 1 4 3 3	2		175 19 1 5 3 3 -			
Total in Commercial/Industrial Use		30	1					
In Public Use:		-	-	-	-			
Total in Public Use Inventory	5/8" & 3/4" 1" & 1.5"	- 70 10	-	-	- - - 70 10			
Total in Inventory Changes in/out of stock		80	-	-	- 80			
Total All Meters		284	3	1	286			

		Number of Utility Owned Hydrants				
Description (size of branch or valve opening, manufacturer type, number and size of nozzles, etc.) (a)	No. in Service at Beginning of the Year (b)	Added During the Year (c)	Removed During the Year (d)	No. in Service at End of Year (e)	Customer Owned Hydrants in Service End of Year (f)	
Public Fire Protection:				1		
	1			-		
Total Public Fire Protection	1	-	-	1		
Private Fire Protection:						
				-		
Total Private Fire Protection	-	-	-	-		
Total Hydrants Other than Fire:				-		
Total Hydrants	1	-	-	1		

Anna Meadows POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (e) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December			487 431 439 422 422 165 528 442 389 368 396 429	487 431 439 422 422 165 528 442 389 368 396 429
Total for Year		0	4,917	4,917
Maximum gallons pumped by all methods in any one day: Minimum gallons pumped by all methods in any one day	58,200	Date	1/1/2022 2/13/2022	
Total gallons of water passed through customers' meters during year: Total gallons of first stage pumping (estimated if not metered)*:	8,775,100]		
Type of power used for first stage pumping:	Electric	1		
Utility supplying electricity for pumping:	Cuivre River Electric Coc	operative		
Total amount paid for electric demand - kilowatts:	N/A]		
Total amount paid for electric energy-kilowatt hours:	N/A]		
Total amount paid for electricity for pumping during year:	\$ 4,917.40]		
Total amount of electricity used for pumping - kilowatt hours:	57,028]		
Measured or estimated gallons of water used in backwashing during year:	N/A]		
Measured or estimated gallons of water in blowing settling basin:	N/A]		
Range of pressure on mains as measured at station: (ordinary)	50			l
Average static head against which pumps work: (in fact)	546			l
lf water is purchased for resale, indicate the following: Vendor:	n/a			
Point of Delivery:	11/ a			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
n/a				
* First stage pumping applies only when water is pumped twice before entering distribution sys suction well or reservoir from which water is pumped into distribution mains.	tem and the term is define	d as pumping from source	of supply to	

Brunswick POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		0	4,706 4,226 4,090 3,985 4,575 4,580 4,712 4,156 3,967 4,324 3,903 4,237 51,461	4,706 4,226 4,090 3,985 4,575 4,580 4,712 4,156 3,967 4,324 3,903 4,237 51,461
	200.000	Date	5/16/2022	
Maximum gallons pumped by all methods in any one day: Minimum gallons pumped by all methods in any one day	209,000	Date	9/23/2022]
	40,747,000	Date	9/23/2022	l
Total gallons of water passed through customers' meters during year: Total gallons of first stage pumping (estimated if not metered)*:	40,747,000]		
Type of power used for first stage pumping:	electricity	I		I
Utility supplying electricity for pumping:	EVERGY			I
	\$ 957.00	1		l
Total amount paid for electric demand - kilowatts:		1		
Total amount paid for electric energy-kilowatt hours:		1		
Total amount paid for electricity for pumping during year:	\$ 19,237.16	1		
Total amount of electricity used for pumping - kilowatt hours:		1		
Measured or estimated gallons of water used in backwashing during year:	1,526,800	1		
Measured or estimated gallons of water in blowing settling basin:	26,000			т
Range of pressure on mains as measured at station: (ordinary)	93-100			l
Average static head against which pumps work: (in fact)	87			l
If water is purchased for resale, indicate the following: Vendor:	N/A			
Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains.	stem and the term is defin	ed as pumping from sourc	e of supply to	

Emerald Pointe POWER, PUMPING AND PURCHASED WATER STATISTICS

	Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
	0	4,615,000 4,304,000 5,152,000 5,955,000 8,079,000 11,067,000 9,696,000 8,692,000 7,593,000 5,836,000 6,782,000 82,781,000	4,615,000 4,304,000 5,152,000 5,955,000 8,079,000 11,067,000 9,696,000 7,593,000 5,836,000 6,782,000 82,781,000
466,000	Date	7/15/2022]
131,944	Date	1/13/2022]
32,253,400	1		
82,781,000	1		
Electric			Ι
White River Valley Coop	erative		Ι
\$ 33,076.00	l		
292,360			
			Ι
			Ι
n/a			
stem and the term is define	ed as numning from source	re of supply to	
	131,944 32,253,400 82,781,000 Electric White River Valley Coop 1 \$33,076.00 292,360 1 </td <td>(000 gallons) (000 gallons) (000 gallons) (000 gallons) (0 (0 (0 (0 (0 (0 (0 (0 (0 (</td> <td>(000 gallons) (000 gallons) 4,615,000 4,304,000 5,152,000 5,010,000 5,955,000 8,079,000 11,067,000 9,696,000 9,696,000 8,079,000 11,067,000 9,595,000 8,079,000 11,067,000 9,696,000 8,692,000 0 82,781,000 466,000 Date 7/15/2022 32,253,400 82,781,000 I/13/2022 S<33,076.00</td> S 292,360 I	(000 gallons) (000 gallons) (000 gallons) (000 gallons) (0 (0 (0 (0 (0 (0 (0 (0 (0 ((000 gallons) (000 gallons) 4,615,000 4,304,000 5,152,000 5,010,000 5,955,000 8,079,000 11,067,000 9,696,000 9,696,000 8,079,000 11,067,000 9,595,000 8,079,000 11,067,000 9,696,000 8,692,000 0 82,781,000 466,000 Date 7/15/2022 32,253,400 82,781,000 I/13/2022 S<33,076.00

Eureka POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	34,502 32,670 35,969 35,384 46,280 66,501 83,599 79,017 63,191 51,668 38,269 40,526	34,502 32,670 35,969 35,384 46,280 66,501 83,599 79,017 63,191 51,668 38,269 40,526 607,575
Maximum gallons pumped by all methods in any one day:	3,399,000	Date	7/20/2022]
Minimum gallons pumped by all methods in any one day	963,000	Date	1/1/2022]
Total gallons of water passed through customers' meters during year:	370,859,567	l		
Total gallons of first stage pumping (estimated if not metered)*:	Equal to Sys. Delivery			
Type of power used for first stage pumping:	Electric			Ι
Utility supplying electricity for pumping:	Ameren MO			Ι
Total amount paid for electric demand - kilowatts:	\$ 38,399.66	l		
Total amount paid for electric energy-kilowatt hours:	\$ 209,078.52	l		
Total amount paid for electricity for pumping during year:	\$ 256,033.08	l		
Total amount of electricity used for pumping - kilowatt hours:	2,026,622			
Measured or estimated gallons of water used in backwashing during year:	N/A	l		
Measured or estimated gallons of water in blowing settling basin:	N/A	l		
Range of pressure on mains as measured at station: (ordinary)	60-110psi			Ι
Average static head against which pumps work: (in fact)	266'			Ι
If water is purchased for resale, indicate the following: Vendor:	N/A			
Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
N/A				
* First stage pumping applies only when water is pumped twice before entering distribution sys suction well or reservoir from which water is pumped into distribution mains.	tem and the term is defined	as pumping from source of	of supply to	

Garden City POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Suface Water Pumping into Distribution Main: January February March April May June July August September October November December		(coo gamons) 645	2,995 2,685 2,819 2,748 2,896 3,251 3,238 3,109 3,015 3,282 3,088 2,643	2,995 2,685 2,819 2,748 2,896 3,251 3,238 3,109 3,015 3,282 3,088 3,288
Total for Year		645	35,769	36,414
Maximum gallons pumped by all methods in any one day: Minimum gallons pumped by all methods in any one day Total gallons of water passed through customers' meters during year: Total gallons of first stage pumping (estimated if not metered)*: Type of power used for first stage pumping: Utility supplying electricity for pumping: Total amount paid for electric demand - kilowatts: Total amount paid for electric energy-kilowatt hours: Total amount paid for electricity for pumping during year: Total amount of electricity used for pumping - kilowatt hours: Measured or estimated gallons of water used in backwashing during year: Measured or estimated gallons of water in blowing settling basin: Range of pressure on mains as measured at station: (ordinary) Average static head against which pumps work: (in fact) If water is purchased for resale, indicate the following:	140,900 - 28,060,180 37,189,500 Electric Osage Valley and Evergy	Date Date	12/6/2022 3/4/2022	 [[]]
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below:	tem and the term is define	ed as pumping from sourc	e of supply to	

Golden Acres POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0	104,000 140,000 105,000 170,000 136,000 136,000 143,000 143,000 117,000 117,000 177,000 178,000	104,000 140,000 105,000 170,000 136,000 189,000 143,000 127,000 117,000 127,000 178,000
Maximum gallons pumped by all methods in any one day:	15,400	Date	12/16/2022]
Minimum gallons pumped by all methods in any one day	1,900	Date	3/3/2022]
Total gallons of water passed through customers' meters during year:	1,184,000			
Total gallons of first stage pumping (estimated if not metered)*:	1,638,000	l		
Type of power used for first stage pumping:	Electric			Ι
Utility supplying electricity for pumping:	White River Valley Coop	erative		Ι
Total amount paid for electric demand - kilowatts:		l		
Total amount paid for electric energy-kilowatt hours:		l		
Total amount paid for electricity for pumping during year:	\$ 2,138.00			
Total amount of electricity used for pumping - kilowatt hours:	12,340			
Measured or estimated gallons of water used in backwashing during year:				
Measured or estimated gallons of water in blowing settling basin:		l		
Range of pressure on mains as measured at station: (ordinary)				I
Average static head against which pumps work: (in fact)				I
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains. 	stem and the term is define	ed as pumping from sourc	e of supply to	

Hickory Hills POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		198,900 257,500 198,900 227,500 226,000 309,900 385,200 304,800 252,600 291,000 241,000 529,800 3,453,100	No electric used in prod	uction 198,900 257,500 198,900 257,500 226,000 309,900 385,200 304,800 252,600 291,000 241,000 529,800 3,453,100
Maximum gallons pumped by all methods in any one day:Weekly reading	121,200	Date	7/18/2022	
Minimum gallons pumped by all methods in any one dayWeekly reading	41,400	Date	3/15/2022]
Total gallons of water passed through customers' meters during year:	2,676,400]		
Total gallons of first stage pumping (estimated if not metered)*:	3,453,100]		
Type of power used for first stage pumping:	Electric			Ι
Utility supplying electricity for pumping:	Ameren			Ι
Total amount paid for electric demand - kilowatts:	\$ -]		
Total amount paid for electric energy-kilowatt hours:	No electric used in proc	duction		
Total amount paid for electricity for pumping during year:]		
Total amount of electricity used for pumping - kilowatt hours:]		
Measured or estimated gallons of water used in backwashing during year:	N/A]		
Measured or estimated gallons of water in blowing settling basin:	N/A]		
Range of pressure on mains as measured at station: (ordinary)	60			Ι
Average static head against which pumps work: (in fact)				Ι
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 * First stage pumping applies only when water is pumped twice before entering distribution sysuction well or reservoir from which water is pumped into distribution mains. 	stem and the term is define	ed as pumping from source	ce of supply to	

Jaxson Estates POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December			875 922 864 829 1,103 1,503 1,436 1,624 1,279 805 888 888	875 922 864 829 1,103 1,503 1,436 1,624 1,279 805 888 888 865
Total for Year		0	12,991	12,991
Maximum gallons pumped by all methods in any one day: Minimum gallons pumped by all methods in any one day		Date	3/12/2022]
Total gallons of water passed through customers' meters during year:	8,548,200			
Total gallons of first stage pumping (estimated if not metered)*: Type of power used for first stage pumping:	NA			T
Utility supplying electricity for pumping:	Ameren			I
Total amount paid for electric demand - kilowatts:	NA			<u>-</u>
Total amount paid for electric energy-kilowatt hours:	NA			
Total amount paid for electricity for pumping during year:	\$ 12,991.37			
Total amount of electricity used for pumping - kilowatt hours:	90,990			
Measured or estimated gallons of water used in backwashing during year:	NA			
Measured or estimated gallons of water in blowing settling basin:	NA			
Range of pressure on mains as measured at station: (ordinary)	45			Ι
Average static head against which pumps work: (in fact)	109			Ι
If water is purchased for resale, indicate the following: Vendor:	n/a			
Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sy 	stem and the term is defin	ed as pumping from sourc	e of supply to	

Jefferson City POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		(000 ganons)	214,920 254,400 220,800 214,080 236,160 272,640 267,840 267,840 273,600 226,560 245,760 258,240	214,920 254,400 220,800 214,080 236,160 272,640 267,840 267,840 273,600 226,560 245,760 258,240
Total for Year		0	2,969,160	2,969,160
Maximum gallons pumped by all methods in any one day: Minimum gallons pumped by all methods in any one day Total gallons of water passed through customers' meters during year: Total gallons of first stage pumping (estimated if not metered)*: Type of power used for first stage pumping: Utility supplying electricity for pumping: Total amount paid for electric demand - kilowatts: Total amount paid for electric energy-kilowatt hours: Total amount paid for electricity for pumping during year: Total amount of electricity used for pumping - kilowatt hours: Measured or estimated gallons of water used in backwashing during year: Range of pressure on mains as measured at station: (ordinary) Average static head against which pumps work: (in fact)	2 6 975,678,191 1,320,102,875 Electric Ameren \$ 20,595.32 \$ 229,365.34 \$ 229,365.34 \$ 229,365.34 2,969,160 7,782,000 41,011,200 90 psi	Date Date Date	1/6/2022 8/2/2022	
If water is purchased for resale, indicate the following: Vendor:	n/a			
Point of Delivery: If water is sold to other water utilities for redistribution, list names of such utilities below:				
 * First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains. 	stem and the term is defin	ed as pumping from sourc	e of supply to	

Joplin Power, Pumping and Purchased water statistics

Profession and		Natural Gas	Electric	Total
Particulars (a)		Power (b)	Power (c)	All Methods (d)
		(000 gallons)	(000 gallons)	(000 gallons)
Gallons Well Pumping into Distribution Main: January		448	397,158	397,606
February		656	344,584	345,240
March		8,034	402,065	410,099
April		12,487	366,825	379,312
May		25,186	389,416	414,602
June		6,200	466,440	472,640
July		1,625	514,077	515,702
August		9,178	496,392	505,570
September		7	512,927	512,934
October		7,265	450,800	458,065
November		4,022	401,793	405,815
December		7,880	438,052	445,932
Total for Year		82,988	5,180,529	5,263,517
Maximum gallons pumped by all methods in any one day:	21,225	Date	12/26/2022	
Minimum gallons pumped by all methods in any one day	8,922	Date	9/26/2022	
Total gallons of water passed through customers' meters during year:	4,067,800,232			
Total gallons of first stage pumping (estimated if not metered)*:		l		
Type of power used for first stage pumping:	Electric			[
Utility supplying electricity for pumping:	Liberty/Empire District E	Electric Company & New I	Mac Electric Co-Op Inc.	[
Total amount paid for electric demand - kilowatts:	NA	l		
Total amount paid for electric energy-kilowatt hours:	NA	l		
Total amount paid for electricity for pumping during year:	\$ 1,561,363.51			
Total amount of electricity used for pumping - kilowatt hours:	13,237,985			
Measured or estimated gallons of water used in backwashing during year:	103,854			
Measured or estimated gallons of water in blowing settling basin:	2,500,000 Est.			
Range of pressure on mains as measured at station: (ordinary)	43 psi - 55 psi			[
Average static head against which pumps work: (in fact)	47 psi			[
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	N/A N/A			
If water is sold to other water utilities for redistribution, list names of such utilities below: Webb City, MO,				
Webb City, MO,				
* First store summing applies only when write is summadive to before extended of the theory	wetom and the taxes to do the	od oc pupering from the	o of cumble to	
* First stage pumping applies only when water is pumped twice before entering distribution s	system and the term is define	eu as pumping from sourc	Le of supply to	

* First stage pumping applies only when water is pumped twice before entering distribution system and the term is defined as pumping from source of supply to suction well or reservoir from which water is pumped into distribution mains.

Lake Carmel POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0	3,030 2,607 1,930 1,505 1,205 1,704 1,084 1,075 615 826 2,263 3,696 21,540	1,084 1,075 615 826
Maximum gallons pumped by all methods in any one day:(Per Week)	121,173		8/29/2022	l 1
Minimum gallons pumped by all methods in any one day:(Per Week)	49,627		4/11/2022	1
Total gallons of water passed through customers' meters during year:	3,131,700			
Total gallons of first stage pumping (estimated if not metered)*:	3,632,992]		
Type of power used for first stage pumping:	Electric			1
Utility supplying electricity for pumping:	Three Rivers			Ī
Total amount paid for electric demand - kilowatts:]		
Total amount paid for electric energy-kilowatt hours:	\$-]		
Total amount paid for electricity for pumping during year:	\$ 2,310.99]		
Total amount of electricity used for pumping - kilowatt hours:	21,540			
Measured or estimated gallons of water used in backwashing during year:	N/A			
Measured or estimated gallons of water in blowing settling basin:	N/A]		
Range of pressure on mains as measured at station: (ordinary)]
Average static head against which pumps work: (in fact)	41]
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
· · · · · · · · · · · · · · · · · · ·				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
n/a				
* First stage pumping applies only when water is pumped twice before entering distribution st suction well or reservoir from which water is pumped into distribution mains.	ystem and the term is define	ed as pumping from sourc	e of supply to	

Lawson POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: purchased water no wells January February March April May June July August September October November December		4,993 4,482 5,039 4,945 5,256 4,794 5,216 5,462 5,234 5,319 4,541 4,814 60,096	0	0 0 0 5,256 4,794 5,216 5,462 5,234 5,319 4,541 4,814 4,814
Maximum gallons pumped by all methods in any one day:	344,100	Date	3/29/2022	
Minimum gallons pumped by all methods in any one day	78,000	Date	7/27/2022	
Total gallons of water passed through customers' meters during year:		l		
Total gallons of first stage pumping (estimated if not metered)*:	60,096,000			
Type of power used for first stage pumping:	electicity			[
Utility supplying electricity for pumping:	Ameren Mo.			[
Total amount paid for electric demand - kilowatts:	N/A	l		
Total amount paid for electric energy-kilowatt hours:	N/A	l		
Total amount paid for electricity for pumping during year:	N/A	l		
Total amount of electricity used for pumping - kilowatt hours:	N/A			
Measured or estimated gallons of water used in backwashing during year:	none			
Measured or estimated gallons of water in blowing settling basin:	none			
Range of pressure on mains as measured at station: (ordinary)	45 - 60 psi			[
Average static head against which pumps work: (in fact)	80 psi			Ι
If water is purchased for resale, indicate the following: Vendor:	City of Excelsior Springs	Mo		
Point of Delivery:	Itaian Way Excelsion Springs			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sys 	stem and the term is define	ed as pumping from sourc	re of supply to	

suction well or reservoir from which water is pumped into distribution mains.

Maplewood POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December			2,383,427 2,111,828 2,222,682 2,002,411 2,665,245 2,656,297 2,503,630 2,639,243 2,440,574 2,242,130 2,244,673 2,217,595	2,383,427 2,111,828 2,222,682 2,202,411 2,685,245 2,656,297 2,503,630 2,639,243 2,440,574 2,242,130 2,244,673 2,217,595
Total for Year		0	28,549,735	28,549,735
Maximum gallons pumped by all methods in any one day:(Per Week) Minimum gallons pumped by all methods in any one day:(Per Week) Total gallons of water passed through customers' meters during year:	110,704 52,285 27,317,528		6/17/2022 11/30/2022	
Total gallons of first stage pumping (estimated if not metered)*: Type of power used for first stage pumping:				[
Utility supplying electricity for pumping:				Ι
Total amount paid for electric demand - kilowatts:				
Total amount paid for electric energy-kilowatt hours:	N/A			
Total amount paid for electricity for pumping during year:	\$ 9,538.88			
Total amount of electricity used for pumping - kilowatt hours:	83,170			
Measured or estimated gallons of water used in backwashing during year:	N/A			
Measured or estimated gallons of water in blowing settling basin:	N/A			
Range of pressure on mains as measured at station: (ordinary)				I
Average static head against which pumps work: (in fact)				I
If water is purchased for resale, indicate the following: Vendor:	n/a			
Point of Delivery:	11/ d			
If water is sold to other water utilities for redistribution, list names of such utilities below: n/a				
 First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains. 	rstem and the term is define	ed as pumping from source	e of supply to	

Mexico POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year			45,470,000 41,498,000 44,258,000 43,302,000 50,079,000 52,734,000 54,016,000 50,764,000 45,255,000 47,990,000 46,938,000 48,309,000 570,613,000	45,470,000 41,498,000 44,258,000 43,302,000 50,079,000 52,734,000 54,016,000 50,764,000 45,255,000 47,990,000 46,938,000 48,309,000 570,613,000
Maximum gallons pumped by all methods in any one day:	2,045,000	Date	12/28/2022]
Minimum gallons pumped by all methods in any one day	1,316,000	Date	4/17/2022]
Total gallons of water passed through customers' meters during year:	433,357,000]		
Total gallons of first stage pumping (estimated if not metered)*:	570,613,000]		
Type of power used for first stage pumping:	Electric			I
Utility supplying electricity for pumping:	Ameren Missouri			Ţ
Total amount paid for electric demand - kilowatts:	N/A]		-
Total amount paid for electric energy-kilowatt hours:	N/A]		
Total amount paid for electricity for pumping during year:	\$ 213,879.04]		
Total amount of electricity used for pumping - kilowatt hours:	2,260,711]		
Measured or estimated gallons of water used in backwashing during year:	22,680,000]		
Measured or estimated gallons of water in blowing settling basin:	Recycled]		
Range of pressure on mains as measured at station: (ordinary)	50-70 psi			Ι
Average static head against which pumps work: (in fact)	175 ft			Ι
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	N/A N/A			
	14/7			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
APWSD #1 * First stage pumping applies only when water is pumped twice before entering distribution sy	stem and the term is defin	ed as pumping from sourc	e of supply to	

Monsees Lake Estates POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August				
September October - system owned for 1/2 month November December Total for Year		126,500 299,600 326,180 752,280	438 2,055 2,801 5,294	0 126,938 301,655 328,981 757,574
		132,200	J,237	101,014
Maximum gallons pumped by all methods in any one day:	12,340	Date	· · · ·]
Minimum gallons pumped by all methods in any one day	7,500	Date	10/19/2022	J
Total gallons of water passed through customers' meters during year:	Unmetered connection	S]	
Total gallons of first stage pumping (estimated if not metered)*:	N/S			
Type of power used for first stage pumping:	Electric			I
Utility supplying electricity for pumping:				
Total amount paid for electric demand - kilowatts:				
Total amount paid for electric energy-kilowatt hours:				
Total amount paid for electricity for pumping during year:	Unknown new system f	for MOAW]	
Total amount of electricity used for pumping - kilowatt hours:	Unknown new system f	for MOAW]	
Measured or estimated gallons of water used in backwashing during year:				
Measured or estimated gallons of water in blowing settling basin:				
Range of pressure on mains as measured at station: (ordinary)				Ι
Average static head against which pumps work: (in fact)				I
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
* First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains.	rstem and the term is define	ed as pumping from sourc	ce of supply to	

Orrick POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		2,250 3,003 2,720 1,961 1,684 1,255 1,737 1,738 3,725 1,668 21,801	0	0 0 2,250 3,003 2,720 1,961 1,684 1,255 1,737 1,798 3,725 1,668 21,801
Maximum gallons pumped by all methods in any one day:	no daily meter yet	Date		
Minimum gallons pumped by all methods in any one day	no daily meter yet	Date]
Total gallons of water passed through customers' meters during year:	n/a]		
Total gallons of first stage pumping (estimated if not metered)*:	no daily meter yet]		
Type of power used for first stage pumping:	no pumps			I
Utility supplying electricity for pumping:	no pumps			Ι
Total amount paid for electric demand - kilowatts:]		
Total amount paid for electric energy-kilowatt hours:]		
Total amount paid for electricity for pumping during year:	no daily meter yet]		
Total amount of electricity used for pumping - kilowatt hours:	no daily meter yet]		
Measured or estimated gallons of water used in backwashing during year:]		
Measured or estimated gallons of water in blowing settling basin:]		
Range of pressure on mains as measured at station: (ordinary)	45 - 55 psi			Ι
Average static head against which pumps work: (in fact)	no pumps			Ι
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	Ray County #2 PWSD			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sy 	rstem and the term is defin	ed as pumping from sourc	e of supply to	

For the calendar year of January 1 - December 31, 2022 Company Name Missouri-American Water Company Parkville POWER, PUMPING AND PURCHASED WATER STATISTICS Do to aquiring Pevely Farms December 2017 no information is available at this time Purchased Electric Total Particulars Water Power All Methods (a) (b) (c) (d) (000 gallons) (000 gallons) (000 gallons) Gallons Well Pumping into Distribution Main: January 758 70,281 71,039 62,392 February 1,011 61,381 March 70,643 70,643 73,548 73,548 April 82,557 82,557 Mav 2.816 99.217 102.033 June 122,697 129,000 July 6.303 August 9,135 133,253 142,388 160085 8,279 131,602 139,881 October 2,597 120,664 123,261 November 75,164 75,164 December 66,953 66,953 1,138,859 Total for Year 29,130 1,107,960 6,832,000 8/28/2022 Maximum gallons pumped by all methods in any one day: Minimum gallons pumped by all methods in any one day 1,786,400 Date 11/24/2022 997,979 Total gallons of water passed through customers' meters during year: Total gallons of first stage pumping (estimated if not metered)*: (Estimated Well Flow) 1,197,033,000 Type of power used for first stage pumping: Electric Evergy (Formerly KCP&L) Utility supplying electricity for pumping: Total amount paid for electric demand - kilowatts: N/A N/A Total amount paid for electric energy-kilowatt hours: Total amount paid for electricity for pumping during year: Ś 327,296.12 Total amount of electricity used for pumping - kilowatt hours: 3,205,419 18,315,760 Measured or estimated gallons of water used in backwashing during year: 8,887,750 Measured or estimated gallons of water in blowing settling basin: 95-125 PSI Range of pressure on mains as measured at station: (ordinary) 110 PSI Average static head against which pumps work: (in fact) If water is purchased for resale, indicate the following: Vendor: City of Kansas City Point of Delivery: Briarcliff Interconnection If water is sold to other water utilities for redistribution, list names of such utilities below: City of Lake Waukomis Kansas City Missouri Water Department Public Water Supply District #6

First stage pumping applies only when water is pumped twice before entering distribution system and the term is defined as pumping from source of supply to uction well or reservoir from which water is pumped into distribution mains.

Pevely Farms POWER, PUMPING AND PURCHASED WATER STATISTICS

Do to aquiring Pevely Farms December 2017 no information is available at this	ime			
Particulars		Purchased Water	Electric Power	Total All Methods
(a)		(b)	(c)	(d)
		(000 gallons)	(000 gallons)	(000 gallons)
Gallons Well Pumping into Distribution Main: January			970,461	970,461
February			1,178,129	1,178,129
March			1,625,229	1,625,229
April			1,614,622	1,614,622
May			2,139,979	2,139,979
June			4,480,438	4,480,438
July			5,153,487	5,153,487
August			5,012,904	5,012,904
1160085			4,281,533	4,281,533
October November			2,982,785	2,982,785
December			1,113,337 1,160,085	1,113,337 1,160,085
			1,100,005	1,100,005
Total for Year		0	31,712,989	31,712,989
Maximum gallons pumped by all methods in any one day:	290,600	Date	9/30/2023]
Minimum gallons pumped by all methods in any one day	-	Date	Multiple Days]
Total gallons of water passed through customers' meters during year:	23,700,000			
Total gallons of first stage pumping (estimated if not metered)*: (Estimated Well Flow)	34,114,105			
Type of power used for first stage pumping:	Electric			Ι
Utility supplying electricity for pumping:	Ameren MO			Ι
Total amount paid for electric demand - kilowatts:	N/A			
Total amount paid for electric energy-kilowatt hours:	\$ 29,384.33			
Total amount paid for electricity for pumping during year:	\$ 29,867.10			
Total amount of electricity used for pumping - kilowatt hours:	298,729			
Measured or estimated gallons of water used in backwashing during year:	2,401,116			
Measured or estimated gallons of water in blowing settling basin:	N/A			T
Range of pressure on mains as measured at station: (ordinary) Average static head against which pumps work: (in fact)	150 psi 347'			I
If water is purchased for resale, indicate the following:	347			1
Vendor:	N/A			
Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
* First stage pumping applies only when water is pumped twice before entering distribution sys suction well or reservoir from which water is pumped into distribution mains.	tem and the term is defined	as pumping from source of	of supply to	

Pom-O-Sa POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September				0 0 0 0 0 0 0 0
October November December		137,900		0 0 137,900
Total for Year		137,900	0	137,900
Maximum gallons pumped by all methods in any one day:(Per Week)	6,600]	12/16/2022]
Minimum gallons pumped by all methods in any one day:(Per Week)	2,100]	12/2/2022]
Total gallons of water passed through customers' meters during year:	N/A]		
Total gallons of first stage pumping (estimated if not metered)*:	N/A]		
Type of power used for first stage pumping:				Ι
Utility supplying electricity for pumping:				I
Total amount paid for electric demand - kilowatts:]		
Total amount paid for electric energy-kilowatt hours:]		
Total amount paid for electricity for pumping during year:]		
Total amount of electricity used for pumping - kilowatt hours:]		
Measured or estimated gallons of water used in backwashing during year:]		
Measured or estimated gallons of water in blowing settling basin:]		
Range of pressure on mains as measured at station: (ordinary)				I
Average static head against which pumps work: (in fact)				I
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below: n/a				
* First stage pumping applies only when water is pumped twice before entering distribution sy	stem and the term is defin	ed as pumping from sourc	e of supply to	

Purcell POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January				0
February				0
March				0
April May				0
June				0
July				0
August September				0
October			4.525	0
November December			4,535 5,476	4,535 5,476
Total for Year		0	10,011	10,011
Maximum gallons pumped by all methods in any one day:	234	Date	12/21/2022]
Minimum gallons pumped by all methods in any one day	134	Date	12/15/2022]
Total gallons of water passed through customers' meters during year:]		
Total gallons of first stage pumping (estimated if not metered)*:	10,011,000	J		
Type of power used for first stage pumping:	ELECTRIC			Ι
Utility supplying electricity for pumping:	Liberty/Empire District (Company		I
Total amount paid for electric demand - kilowatts:	N/A]		
Total amount paid for electric energy-kilowatt hours:	N/A]		
Total amount paid for electricity for pumping during year:	\$ 181.83]		
Total amount of electricity used for pumping - kilowatt hours:	987,000]		
Measured or estimated gallons of water used in backwashing during year:	UNKNOWN]		
Measured or estimated gallons of water in blowing settling basin:	UNKNOWN]		
Range of pressure on mains as measured at station: (ordinary)	UNKNOWN			I
Average static head against which pumps work: (in fact)	UNKNOWN			1
If water is purchased for resale, indicate the following:	.			
Vendor: Point of Delivery:	N/A N/A			
	. ,			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
* First stage pumping applies only when water is pumped twice before entering distribution sy	stom and the term is define	od as numping from sourc	so of supply to	
suction well or reservoir from which water is pumped into distribution mains.	stem and the term is define	ed as pumping from sourc		

Redfield POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0	5,887 3,175 2,600 1,675 1,100 1,625 1,950 1,700 6,503 1,625 2,300 6,503	5,887 3,175 2,600 1,675 1,100 1,625 1,950 1,700 6,503 1,625 2,300 6,503
Maximum gallons pumped by all methods in any one day:(Per Week)	176,940	Date	10/11/2022]
Minimum gallons pumped by all methods in any one day:(Per Week)	48,385	Date	12/19/2022]
Total gallons of water passed through customers' meters during year:	4,028,600]		
Total gallons of first stage pumping (estimated if not metered)*:	4,291,584]		
Type of power used for first stage pumping:	Electric	-		I
Utility supplying electricity for pumping:	Three Rivers Electric			Ī
Total amount paid for electric demand - kilowatts:	\$ -]		-
Total amount paid for electric energy-kilowatt hours:	\$ -]		
Total amount paid for electricity for pumping during year:	\$ 2,813.81]		
Total amount of electricity used for pumping - kilowatt hours:	36,643]		
Measured or estimated gallons of water used in backwashing during year:	N/A]		
Measured or estimated gallons of water in blowing settling basin:	N/A]		
Range of pressure on mains as measured at station: (ordinary)	50			Ι
Average static head against which pumps work: (in fact)	60			Ι
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below: n/a				
* First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains.	ystem and the term is define	ed as pumping from sourc	e of supply to	
Rogue Creek POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May			844 751 624 610 488 716	844 751 624 610 488 716
June July August September October November December			716 710 707 820 767 788 810	716 710 707 820 767 788 810
Total for Year		0	8,635	8,635
Maximum gallons pumped by all methods in any one day:	22,600	Date	7/19/2022]
Minimum gallons pumped by all methods in any one day	5,700	Date	2/18/2022]
Total gallons of water passed through customers' meters during year:	2,928,200]		
Total gallons of first stage pumping (estimated if not metered)*:	N/A]		
Type of power used for first stage pumping:	Electricity			I
Utility supplying electricity for pumping:	Ameren			I
Total amount paid for electric demand - kilowatts:]		
Total amount paid for electric energy-kilowatt hours:]		
Total amount paid for electricity for pumping during year:	\$ 8,634.50]		
Total amount of electricity used for pumping - kilowatt hours:	96,888]		
Measured or estimated gallons of water used in backwashing during year:]		
Measured or estimated gallons of water in blowing settling basin:]		
Range of pressure on mains as measured at station: (ordinary)	85			I
Average static head against which pumps work: (in fact)	30			I
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
* First stage pumping applies only when water is pumped twice before entering distribution sys suction well or reservoir from which water is pumped into distribution mains.	tem and the term is defined	as pumping from source o	of supply to	

St Charles POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		0	4,567 4,283 4,549 4,208 4,603 6,154 6,849 5,963 6,809 4,682 5,707 63,059	4,567 4,283 4,549 4,208 4,603 6,154 6,849 5,963 6,809 4,682 5,707 63,059
Maximum gallons pumped by all methods in any one day:	16,464,000	Date	7/23/2022]
Minimum gallons pumped by all methods in any one day	2,515,000	Date	11/28/2022]
Total gallons of water passed through customers' meters during year:	2,500,650,900	Includes Warren County		
Total gallons of first stage pumping (estimated if not metered)*:	NA	l		
Type of power used for first stage pumping:	electric			Ι
Utility supplying electricity for pumping:	Ameren Missouri, Cuivre	e River Electric Cooperativ	ve	Ι
Total amount paid for electric demand - kilowatts:	NA			
Total amount paid for electric energy-kilowatt hours:	NA			
Total amount paid for electricity for pumping during year:	\$ 63,059.08			
Total amount of electricity used for pumping - kilowatt hours:	623,911			
Measured or estimated gallons of water used in backwashing during year:	NA			
Measured or estimated gallons of water in blowing settling basin:	NA			
Range of pressure on mains as measured at station: (ordinary)	25-120			Ι
Average static head against which pumps work: (in fact)	48			Ι
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
PWSD #2 City of St. Peters * First stage pumping applies only when water is pumped twice before entering distribution sy	rstem and the term is define	ed as pumping from sourc	e of supply to	

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Indicates formula cell.

St Joseph POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	557 515 528 528 563 579 609 654 627 621 551 551 548	MGD 557 515 556 528 563 579 663 654 627 621 551 551 548 6,906
Maximum gallons pumped by all methods in any one day:	22.593 MGD	Date	8/11/2022	
Minimum gallons pumped by all methods in any one day	12.828 MGD	Date	1/1/2022]
Total gallons of water passed through customers' meters during year:	6,652,041,000			1
Total gallons of first stage pumping (estimated if not metered)*:	6,905,772			
Type of power used for first stage pumping:	Electric	·		ן
Utility supplying electricity for pumping:	EVERGY]
Total amount paid for electric demand - kilowatts:	n/a			•
Total amount paid for electric energy-kilowatt hours:	n/a			
Total amount paid for electricity for pumping during year:	\$ 1,168,656.72			
Total amount of electricity used for pumping - kilowatt hours:	16,728			
Measured or estimated gallons of water used in backwashing during year:	232			
Measured or estimated gallons of water in blowing settling basin:	14			
Range of pressure on mains as measured at station: (ordinary)	145 PSI]
Average static head against which pumps work: (in fact)	326]
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below: Buchanan				
* First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains.	stem and the term is define	d as pumping from source	of supply to	

St Louis POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		23,005 23,011 23,017 23,010 45,999 46,006 46,016 46,016 46,003 45,993 46,018 23,006 22,997 414,071	3,899,474 3,570,475 3,780,742 3,789,782 4,490,163 5,816,533 6,498,666 5,901,624 5,423,971 5,047,802 3,794,067 4,153,237 56,166,536	3,922,479 3,593,486 3,803,749 3,812,792 4,536,162 5,862,539 6,544,682 5,947,627 5,469,964 5,093,820 3,817,073 4,176,234
Maximum gallons pumped by all methods in any one day:	266,138,000	Date	7/23/2022]
Minimum gallons pumped by all methods in any one day	109,510,000	Date	3/31/2022]
Total gallons of water passed through customers' meters during year:	38,916,171,000			
Total gallons of first stage pumping (estimated if not metered)*:	56,580,607,000			
Type of power used for first stage pumping:	Electric]
Utility supplying electricity for pumping:	Ameren MO]
Total amount paid for electric demand - kilowatts:	N/A			
Total amount paid for electric energy-kilowatt hours:	N/A			
Total amount paid for electricity for pumping during year:	\$ 8,577,492.00			
Total amount of electricity used for pumping - kilowatt hours:	132,784,892	(includes DS kWh)		
Measured or estimated gallons of water used in backwashing during year:	2,381,252,000	(estimated)		
Measured or estimated gallons of water in blowing settling basin:	Included in backwashin	g]	
Range of pressure on mains as measured at station: (ordinary)	135-185 PSI]
Average static head against which pumps work: (in fact)	Plant 350']
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	City of St. Louis Hog Hollow Booster Sta	tion & Price road @ Old B	onhomme Road	
If water is sold to other water utilities for redistribution, list names of such utilities below: 1. City of Kirkwood 2. Public Water District #1 - Jefferson County 3. Public Water District #10 - Jefferson County 5. C-1 Jefferson County * First stage pumping applies only when water is pumped twice before entering distribution sy	stem and the term is define	d as pumping from source	e of supply to	

Tri States POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		699,000 688,000 690,000 633,000 632,000 632,000 614,000 652,000 619,000 550,000 1,064,000 8,145,000	49,959,000 52,802,000 53,256,000 53,329,000 53,810,000 68,222,000 69,394,000 61,305,000 62,362,000 51,588,000 55,897,000 716,150,000	50,658,000 53,490,000 53,946,000 54,435,000 68,852,000 86,907,000 70,008,000 61,957,000 62,981,000 52,138,000 56,961,000
Maximum gallons pumped by all methods in any one day:	3,027,400	Date	7/27/2022	
Minimum gallons pumped by all methods in any one day	1,300,351	Date	1/11/2022	l
Total gallons of water passed through customers' meters during year:	372,873,400	*Rankin Acres not meter	ed	
Total gallons of first stage pumping (estimated if not metered)*:	716,150,000			
Type of power used for first stage pumping:	Electric			
Utility supplying electricity for pumping:		erative, Carroll Electric Co tric, Central Missouri, KCI		
Total amount paid for electric demand - kilowatts:				
Total amount paid for electric energy-kilowatt hours:				
Total amount paid for electricity for pumping during year:	\$ 344,179.00			
Total amount of electricity used for pumping - kilowatt hours:	2,830,281			
Measured or estimated gallons of water used in backwashing during year:				
Measured or estimated gallons of water in blowing settling basin:				
Range of pressure on mains as measured at station: (ordinary)				
Average static head against which pumps work: (in fact)				
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	Ozark Water System Ozark MO			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sy suction well or reservoir from which water is pumped into distribution mains. 	stem and the term is define	ed as pumping from sourc	e of supply to	

Indicates formula cell.

Wardsville Power, Pumping and Purchased water statistics

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0	23,451 20,416 14,765 13,025 12,193 20,161 20,954 19,831 18,151 15,944 13,975 16,617 209,482	23,451 20,416 14,765 13,025 12,193 20,161 20,954 19,831 18,151 15,944 13,975 16,617
Maximum gallons pumped by all methods in any one day: WEEKLY	1,556,463	Date	7/5/2022]
Minimum gallons pumped by all methods in any one day WEEKLY	660,509	Date	5/9/2022	
Total gallons of water passed through customers' meters during year:	40,251,500	l		
Total gallons of first stage pumping (estimated if not metered)*:	46,954,536			
Type of power used for first stage pumping:	Electric			
Utility supplying electricity for pumping:	Three Rivers			
Total amount paid for electric demand - kilowatts:	\$ 7,404.90			
Total amount paid for electric energy-kilowatt hours:	\$ 13,458.40			
Total amount paid for electricity for pumping during year:	\$ 20,863.30			
Total amount of electricity used for pumping - kilowatt hours:	209,482			
Measured or estimated gallons of water used in backwashing during year:	N/A			
Measured or estimated gallons of water in blowing settling basin:	N/A			
Range of pressure on mains as measured at station: (ordinary)	75-85 PSI]
Average static head against which pumps work: (in fact)	120 PSI]
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sys suction well or reservoir from which water is pumped into distribution mains. 	tem and the term is define	d as pumping from source	of supply to	

St. Charles Operations (Warren County) POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December			1,057 1,072 835 763 845 965 1,017 936 854 835 834 916	1,057 1,072 835 763 845 965 1,017 936 854 835 834 916
Total for Year		0	10,928	10,928
Maximum gallons pumped by all methods in any one day:	281,000]	9/13/2022]
Minimum gallons pumped by all methods in any one day	36,000]	12/22/2022]
Total gallons of water passed through customers' meters during year:	35,326,400]		
Total gallons of first stage pumping (estimated if not metered)*:	N/A]		
Type of power used for first stage pumping:	Electric			Ι
Utility supplying electricity for pumping:	Cuivre River Electric Coc	operative		Ι
Total amount paid for electric demand - kilowatts:	NA]		
Total amount paid for electric energy-kilowatt hours:	NA]		
Total amount paid for electricity for pumping during year:	\$ 10,928.00]		
Total amount of electricity used for pumping - kilowatt hours:	147,040]		
Measured or estimated gallons of water used in backwashing during year:	NA]		
Measured or estimated gallons of water in blowing settling basin:	NA]		
Range of pressure on mains as measured at station: (ordinary)	36-90			Ι
Average static head against which pumps work: (in fact)	36			Ι
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:	NA			
If water is sold to other water utilities for redistribution, list names of such utilities below: NA				
 * First stage pumping applies only when water is pumped twice before entering distribution sy 	stem and the term is defin	ed as pumping from sourc	e of supply to	

Indicates formula cell.

Warrensburg POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0	54 49 52 59 78 83 80 76 73 64 53 54 774	54 49 52 78 83 80 76 73 64 53 54 774
Maximum gallons pumped by all methods in any one day:	3.375	Date	9/24/2022]
Minimum gallons pumped by all methods in any one day	1	Date	11/24/2022]
Total gallons of water passed through customers' meters during year:	653,795,867]		
Total gallons of first stage pumping (estimated if not metered)*:]		
Type of power used for first stage pumping:	Electric			Ι
Utility supplying electricity for pumping:	Evergy			Ι
Total amount paid for electric demand - kilowatts:	n/a]		
Total amount paid for electric energy-kilowatt hours:	n/a]		
Total amount paid for electricity for pumping during year:	\$ 248,493.12]		
Total amount of electricity used for pumping - kilowatt hours:	2,239,257]		
Measured or estimated gallons of water used in backwashing during year:	n/a]		
Measured or estimated gallons of water in blowing settling basin:	n/a]		
Range of pressure on mains as measured at station: (ordinary)				Ι
Average static head against which pumps work: (in fact)				Ι
If water is purchased for resale, indicate the following:			_	
Vendor: Point of Delivery:	n/a			
If water is sold to other water utilities for redistribution, list names of such utilities below:				
 First stage pumping applies only when water is pumped twice before entering distribution sy 	rstem and the term is defin	ed as pumping from sourc	ce of supply to	

Whitebranch POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December		0	578,900 517,680 795,170 455,440 557,300 652,260 570,670 492,050 486,410 425,730 384,000 521,460 6,437,070	578,900 517,680 795,170 455,440 557,300 652,260 570,670 492,050 486,410 425,730 384,000 521,460 6,437,070
Maximum gallons pumped by all methods in any one day: (Per Week)	52,700]	12/12/2022	
Minimum gallons pumped by all methods in any one day: (Per Week)	7,800]	11/2/2022	
Total gallons of water passed through customers' meters during year:]		
Total gallons of first stage pumping (estimated if not metered)*:	6,522,975]		
Type of power used for first stage pumping:				
Utility supplying electricity for pumping:				
Total amount paid for electric demand - kilowatts:]		
Total amount paid for electric energy-kilowatt hours:	N/A]		
Total amount paid for electricity for pumping during year:	\$ 15,392.63]		
Total amount of electricity used for pumping - kilowatt hours:	99,474]		
Measured or estimated gallons of water used in backwashing during year:]		
Measured or estimated gallons of water in blowing settling basin:]		
Range of pressure on mains as measured at station: (ordinary)				l
Average static head against which pumps work: (in fact)				
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below: n/a				
 * First stage pumping applies only when water is pumped twice before entering distribution sys suction well or reservoir from which water is pumped into distribution mains. 	stem and the term is define	d as pumping from source	∙ of supply to	

Indicates formula cell.

Woodland Manor POWER, PUMPING AND PURCHASED WATER STATISTICS

Particulars (a)		Purchased Water (b) (000 gallons)	Electric Power (c) (000 gallons)	Total All Methods (d) (000 gallons)
Gallons Well Pumping into Distribution Main: January February March April May June July August September October November December Total for Year		0	1,212,000 1,078,000 1,180,000 1,204,000 1,340,000 1,695,000 1,804,000 1,766,000 1,579,000 1,587,000 1,576,000 17,422,000	1,212,000 1,078,000 1,204,000 1,204,000 1,340,000 1,695,000 1,804,000 1,576,000 1,576,000 1,576,000 0 1,7422,000
Maximum gallons pumped by all methods in any one day:	79,760		6/28/2022	
Minimum gallons pumped by all methods in any one day	21,790		1/7/2022	
Total gallons of water passed through customers' meters during year:	8,552,900	l		
Total gallons of first stage pumping (estimated if not metered)*:	17,422,000			
Type of power used for first stage pumping:	Electric			
Utility supplying electricity for pumping:	White River Valley Coop	erative		
Total amount paid for electric demand - kilowatts:				
Total amount paid for electric energy-kilowatt hours:				
Total amount paid for electricity for pumping during year:	\$ 8,036.00			
Total amount of electricity used for pumping - kilowatt hours:	60,928			
Measured or estimated gallons of water used in backwashing during year:				
Measured or estimated gallons of water in blowing settling basin:				
Range of pressure on mains as measured at station: (ordinary)				l
Average static head against which pumps work: (in fact)				l
If water is purchased for resale, indicate the following:				
Vendor: Point of Delivery:				
If water is sold to other water utilities for redistribution, list names of such utilities below: * First stage pumping applies only when water is pumped twice before entering distribution sys	tom and the term is define	d as pumping from source	of supply to	

Indicates formula cell.

Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:	Deep well pump			
Identification number, description, etc of each pump:	Submersible pump			
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine			
Purpose of pump (low lift, distribution, etc.):	Groundwater supply			
Manufacturer:	Grundfos			
Rated Capacity (gallons per minute):	380			
Discharge Head (in feet):	546			
Revolutions or Strokes Per Minute:	3,525 rpm			
Number of Stages:	9			
Connection (belt, gear or direct, etc.):	Direct			
Number of Hours Operated During Year:	516			
Power Equipment Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	Electric Motor 3 phase AC Franklin 75 N/A			
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	N/A			
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	N/A			

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For the calendar year of January 1 - December 31, 2022

(b)			
(b)	(c)	(d)	(e)
WELL #1	WELL #2	WELL #3	
WL01	WL02	WL03	
Submersible Centrifugal	Submersible Centrifugal	Submersible Centrifugal	
Source of supply	Source of supply	Source of supply	
Webtrol	Webtrol	Sulzer	
140	140	400	
100	100	180	
3,450	3,450	3,450	
3	3	3	
DIRECT	DIRECT	DIRECT	
3750.4	3670.3	21.2	
Franklin 7.5 NA Well 1 Generator Kohler Diesel direct	Electric Franklin 7.5 NA	Electric Franklin 25 NA NA	NA
NA	NA	NA	NA
	WL01 Submersible Centrifugal Source of supply Webtrol 140 100 3,450 3 DIRECT 3750.4 Electric Franklin 7.5 NA Well 1 Generator Kohler Diesel direct 38.8	WL01WL02Submersible CentrifugalSubmersible CentrifugalSource of supplySource of supplyWebtrolWebtrol1401401001003,4503,4503DIRECT3750.43670.3Electric Franklin 7.5Electric Franklin 7.5NANAWell 1 Generator Kohler Diesel direct 38.8	WL01WL02WL03Submersible CentrifugalSubmersible CentrifugalSubmersible CentrifugalSource of supplySource of supplySource of supplyWebtrolWebtrolSulzer1401404001001001803,4503,4503,450333DIRECTDIRECTDIRECT3750.4Electric Franklin 7.5Electric Franklin 7.5NANANAWell 1 Generator Kohler Diesel 38.8NA

PUMPING STATION EQUIPMENT Brunswick Operations

Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment entification number or description of well or other source supply to which pump is connected:	Plant High Service #1	Plant High Service #2	Plant High Service #3	
	HS#1	HS#2	HS#3	
entification number, description, etc of each pump:				
/pe (displacement, centrifugal, air life, turbine, etc.):	Vertical centrifugal	Vertical centriugal	Vertical centrifugal	
urpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution	
anufacturer:	Layne	Layne	Layne	
ated Capacity (gallons per minute):	235	250	240	
scharge Head (in feet):	264	260	235	
evolutions or Strokes Per Minute:	1760	1750	1765	
umber of Stages:	10	11	11	
onnection (belt, gear or direct, etc.):	Direct	Direct	Direct	
umber of Hours Operated During Year:	1,380.30	1,429.40	1,161	
otive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower oiler Data: Identification Number or Description	Electric US Motors 25 NA	Electric US Motors 25 NA	Electric GE 25 NA	
Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower ectric Generators:				
Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	NA	NA	NA	
r Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	NA	NA	NA	

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For the calendar year of January 1 - December 31, 2022

	, , , , ,	e lines applicable to the unit.		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> lentification number or description of well or other source f supply to which pump is connected:				
lentification number, description, etc of each pump:	Emerald Pointe Well 1	Emerald Pointe Well 2		
ype (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible		
urpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well		
lanufacturer:	Groundfos	Groundfos		
ated Capacity (gallons per minute):	400 gpm	500 gpm		
ischarge Head (in feet):				
levolutions or Strokes Per Minute:				
lumber of Stages:				
ionnection (belt, gear or direct, etc.):				
lumber of Hours Operated During Year:				
Power Equipment Type Manufacturer Rated Horsepower oiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower lectric Generators: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower lectric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) ir Compressors: Identification Number or Description Manufacturer Bore or Stroke Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric Franklin 100 hp	Electric Hitachi 100 hp		

Use separate columns for each pump and associated power equipment. Use additional she	PUMPING STATION Eureka Open ets if necessary. For pumps, use only thos	ations		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well #1 - Howerton	Well #5 - Drewel Park	Well #6 - Legends	Well #8 - Viola
Identification number, description, etc of each pump:	Well Pump #1 (11748 / 028171)	Well Pump #5 (14554 / A023424)	Well Pump #6 (14552 / A055130)	Well Pump #8 (16828 / A116098)
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine (deep-well pump)	Turbine (deep-well pump)	Turbine (deep-well pump)	Turbine (deep-well pump)
Purpose of pump (low lift, distribution, etc.):	Well - Source of Supply	Well - Source of Supply	Well - Source of Supply	Well - Source of Supply
Manufacturer:	Grundfos	Grundfos	Grundfos	Grundfos
Rated Capacity (gallons per minute):	800 gpm	1,150 gpm	670 gpm	660 gpm
Discharge Head (in feet):	380 tdh	290 tdh	460 tdh	625 tdh
Revolutions or Strokes Per Minute:	3510 rpm	3525 rpm	3525 rpm	3525 rpm
Number of Stages:	4	4	5	5
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	2,934	2,859	2,455	2,812
Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators:	Hitachi 100 N/A	Hitachi 100 N/A	Franklin 100 N/A	Hitachi 125 N/A
Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	796231 Kohler diesel direct 150	796230 Kohler diesel direct 150	J9606 Onan diesel direct 500	379975 Kohler diesel direct 500
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	N/A	N/A	N/A	N/A

For the calendar year of January 1 - December 31, 2022

Use separate columns for each pump and associated power equipment. Use additional sheets	PUMPING STATION E Eureka Opera if necessary. For pumps, use only those	tions		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well #9 - Arbors	Well #10 - West Main	See Pg W-17 Attachment for Boster Stations	
Identification number, description, etc of each pump:	Well Pump #9 (20024 / A200195)	Well Pump #10 (18309 / A150587)		
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine (deep-well pump)	Turbine (deep-well pump)		
Purpose of pump (low lift, distribution, etc.):	Well - Source of Supply	Well - Source of Supply		
Manufacturer:	Grundfos	Grundfos		
Rated Capacity (gallons per minute):	800 gpm	450 gpm		
Discharge Head (in feet):	380 tdh	730 tdh		
Revolutions or Strokes Per Minute:	3,525 rpm	3,525 rpm		
Number of Stages:	4	11		
Connection (belt, gear or direct, etc.):	Direct	Direct		
Number of Hours Operated During Year:	1,077	3,018		
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description	electric motor Franklin 100 N/A 450DFEJ	electric motor Franklin 100 N/A 2176938		
Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well	Onan diesel direct 450 N/A	Kohler diesel direct 250 N/A		
Pounds of Pressure Required After Air Lift Begins Operating				

MISSOURI-AMERICAN WATER COMPANY FOR THE YEAR ENDED DECEMBER 31, 2022 EUREKA BOOSTER STATION EQUIPMENT

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
				Old	Viola Booster					
#1	Booster	Peerless	600	158	3,402	Elec.	Baldor	30	Distribution Booster	3,031
#2	Booster	Peerless	600	158	3,402	Elec.	Baldor	30	Distribution Booster	5,050
#3 - High Flow	Booster	Peerless	1,000	120	1,765	Elec.	U.S.	50	Distribution Booster	2

	New Viola Booster										
Jockey Pump	Booster	Peerless	50	250	3,500	Elec.	Baldor	7.5	Distribution Booster	0	
#1	Booster	Peerless	250	250	3,500	Elec.	Baldor	30	Distribution Booster	2,073	
#2	Booster	Peerless	250	250	3,500	Elec.	Baldor	30	Distribution Booster	6,461	
#3 - High Flow	Booster	Peerless	600	250	3,500	Elec.	Baldor	75	Distribution Booster	2	

	Legends Booster										
#1 - Jockey Pump	Booster	Cornell	250	250	3,525	Elec.	Baldor	25	Distribution Booster	100	
#2	Booster	Cornell	1,100	250	3,555	Elec.	Baldor	100	Distribution Booster	5,271	
#3	Booster	Cornell	1,100	250	3,555	Elec.	Baldor	100	Distribution Booster	2,842	
#4 - High Flow	Booster	Cornell	1,100	250	3,550	Elec.	Marathon	100	Distribution Booster	2	

	Arbors Booster										
#1	Booster	Grundfos	140	266	3,530	Elec.	Baldor	20	Distribution Booster	4,427	
#2	Booster	Grundfos	140	266	3,530	Elec.	Baldor	20	Distribution Booster	4,386	
#3	Booster	Grundfos	490	266	3,550	Elec.	Baldor	50	Distribution Booster	330	
#4	Booster	Grundfos	490	266	3,550	Elec.	Baldor	50	Distribution Booster	312	
#5	Booster	Cornell	1,500	264	1,785	Elec.	Baldor	150	Distribution Booster	1	

				Fo	orby Booster					
#1	Booster	Peerless	80	155	3,600	Elec.	Baldor	7.5	Distribution Booster	4,031
#2	Booster	Peerless	80	155	3,600	Elec.	Baldor	7.5	Distribution Booster	4,007
#3 - High Flow	Booster	Peerless	1,000	85	1,800	Elec.	Baldor	30	Distribution Booster	0
Electric Generator	ID Number or Des	cription	Manufacturer	Motive Powe	r (steam, gas or o	oil, hydraulic)	Connection (belt, ge	ear or direct)	Rated Capacity (in kilowa	att-amperes)
	G050801857 Cummins			diesel			direct		75	

	Neihoff Booster											
#1	Booster	Grundfos	339	290	3,521	Elec.	Baldor	25	Distribution Booster	2,659		
#2	Booster	Grundfos	339	290	3,521	Elec.	Baldor	25	Distribution Booster	2,654		
#3 - High Flow	Booster	Grundfos	339	290	3,521	Elec.	Baldor	25	Distribution Booster	2,637		
Electric Generator	ID Number or Des	cription	Manufacturer	Motive Powe	r (steam, gas or o	il, hydraulic)	Connection (belt, ge	ar or direct)	Rated Capacity (in kilowa	att-amperes)		
	CAT00C66VN6D03	3191	Olympian	diesel			direct		125			

	Brock Booster											
#1 - Jockey Pump	Booster	Grundfos	20	300	3,550	Elec.	Baldor	3	Distribution Booster	0		
#2	Booster	Peerless	75	264	3,500	Elec.	U.S.	15	Distribution Booster	7,967		
#3	Booster	Peerless	75	264	3,500	Elec.	U.S.	15	Distribution Booster	186		
#4 - High Flow	Booster	Peerless	1,050	228	3,500	Elec.	U.S.	100	Distribution Booster	0		
Electric Generator	ID Number or Des	cription	Manufacturer	Motive Powe	r (steam, gas or	oil, hydraulic)	Connection (belt, g	ear or direct)	Rated Capacity (in kilowa	att-amperes)		
	1030542459		Onan	diesel	-	direct			300	-		

	Emerald Forrest Booster											
#1 - Jockey Pump	Booster	Grundfos	13	120	3,500	Elec.	Baldor	1	Distribution Booster	0		
#2	Booster	Grundfos	60	150	3,500	Elec.	Baldor	5	Distribution Booster	831		
#3	Booster	Grundfos	60	150	3,500	Elec.	Baldor	5	Distribution Booster	7,338		
#4 - High Flow	Booster	Cornell	1,000	135	1,800	Elec.	Baldor	50	Distribution Booster	0		
Electric Generator	ID Number or Dese	cription	Manufacturer	Motive Powe	r (steam, gas or	oil, hydraulic)	Connection (belt, ge	ear or direct)	Rated Capacity (in kilowa	att-amperes)		
	386625	Kohler	diesel			direct		100				

PUMPING STATION EQUIPMENT Garden City Garden City Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:	Old Lake Pump #1 & #2	New Lake Pump #1 & #2	UF Feed Pumps 1 & 2	UF Backwash Pump 1 & 2	
Identification number, description, etc of each pump:					
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
Purpose of pump (low lift, distribution, etc.):	Intake	Intake	UF Membrane Feed Pumps	UF Membrane Backwash Pumps	
Manufacturer:	Aurora	Carver	Goulds Pumps	Goulds Pumps	
Rated Capacity (gallons per minute):	300	300	471	650	
Discharge Head (in feet):	19	250	92	92	
Revolutions or Strokes Per Minute:	1,750	3,600	1,775	1,780	
Number of Stages:	Single	Single	Single	Single	
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:	0 (Emergency use only)	3285	3285	182.5	
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	Electric Motor US Electric 3 HP NA	Electric Motor Web 40 HP NA	Electric Motor US Electric 20 HP NA	Electric Motor US Electric 30 HP NA	
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Garden City Water Plant Cummins Diesel Unknown Unknown	NA	Garden City Water Plant Cummins Diesel	Garden City Water Plant Cummins Diesel	
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Biow Well Pounds of Pressure Required After Air Lift Begins Operating	NA	NA	NA	NA	

Company Na

PUMPING STATION EQUIPMENT

Garden City Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

Particulars				
(a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> entification number or description of well or other source supply to which pump is connected:	Transfer Pump 1	Transfer Pump 2	High Service Pump 1	High Service Pump 2
entification number, description, etc of each pump:				
ype (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal
urpose of pump (low lift, distribution, etc.):	Transfer to Clearwell	Transfer to Clearwell	System Demand	System Demand
anufacturer:	Weiman	Unknown	PACO Pump	PACO Pump
ated Capacity (gallons per minute):	Unknown	400		
ischarge Head (in feet):	Unknown	5.5		
evolutions or Strokes Per Minute:	1.75	1,800		
umber of Stages:	Single	Single	Single	Single
onnection (belt, gear or direct, etc.):				
umber of Hours Operated During Year:	0 (Not in Service)	2,920	1,825	
Power Equipment otive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower oiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	Electric Motor Baldor - Relianced 7.5 NA	US Electric 10 HP	Electric Motor WEG 25 HP NA	Electric Motor Baldor 25 HP NA
lectric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Garden City Water Plant Cummins Diesel	Cummins	Garden City Water Plant Cummins Diesel	Garden City Water Plant Cummins Diesel
r Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	NA	NA	NA	NA

PUMPING STATION EQUIPMENT Branson Metro - Golden Acres se separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:					
Identification number, description, etc of each pump:	Golden Acres Well 1	Golden Acres Well 2			
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible			
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well			
Manufacturer:	Grundfos	Grundfos			
Rated Capacity (gallons per minute):	100 gpm	50 gpm			
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:					
Number of Stages:					
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:					
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	Electric Franklin 2hp	Electric Franklin 5hp			
Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

PUMPING STATION EQUIPMENT Branson Metro - Golden Acres

Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:				
Identification number, description, etc of each pump:	Well #1			
Гуре (displacement, centrifugal, air life, turbine, etc.):	Submersible			
Purpose of pump (low lift, distribution, etc.):	Well pump			
Manufacturer:	Grundfos/Franklin			
Rated Capacity (gallons per minute):	30			
Discharge Head (in feet):	NA			
Revolutions or Strokes Per Minute:	NA			
Number of Stages:	1			
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:	15			
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Boiler Data: Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation	Electric Grundfos/Franklin 5			
Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

Comp

PUMPING STATION EQUIPMENT

Jaxson Estates Operations
Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

Use separate columns for each pump and associated power equipment. Use additional sheets if r				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> dentification number or description of well or other source if supply to which pump is connected:	Jaxson Estates well			
dentification number, description, etc of each pump:	Grundfos 800S1250-5			
ype (displacement, centrifugal, air life, turbine, etc.):	Submersible			
Purpose of pump (low lift, distribution, etc.):				
lanufacturer:	Grundfos			
tated Capacity (gallons per minute):	800			
bischarge Head (in feet):	120			
tevolutions or Strokes Per Minute:	3,525			
lumber of Stages:	5			
Connection (belt, gear or direct, etc.):	direct			
lumber of Hours Operated During Year:	approx. 200			
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower	None			
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	None o			
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	None			
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	None			

PUMPING STATION EQUIPMENT	
IEFEERSON CITY OPERATIONS	2

JEFFERSON CITY OPERATIONS Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

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				(e)
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:				L.S. #4 - RW-PVD-140 Vertical Turbine Raw Water Sulzer 1965
Identification number, description, etc of each pump:	L.S. #1 - RW-PVD-110	L.S. #2 - RW-PVD-120	L.S. #3 - RW-PVD-130	L.S. #4 - RW-PVD-140
Type (displacement, centrifugal, air life, turbine, etc.):	Vertical Turbine	Vertical Turbine	Vertical Turbine	Vertical Turbine
Purpose of pump (low lift, distribution, etc.):	Raw Water	Raw Water	Raw Water	Raw Water
Manufacturer:	Sulzer	Sulzer	Sulzer	Sulzer
Rated Capacity (gallons per minute):	1965	1965	1965	1965
Discharge Head (in feet):	150	120	150	i i i i i i i i i i i i i i i i i i i
Revolutions or Strokes Per Minute:	1,195	1,195	1,195	1,195
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:	4,069	4,620	4,065	4,613
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	TEFC US Motor 100	TEFC US Motor 100	TEFC US Motor 100	TEFC US Motor 100
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	FG Wilson Dissel Direct 350	Diesel	FG Wilson Diesel Direct 350	FG Wilson Diesel Direct 350

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PUMPING STATION EQUIPMENT JEFFERSON CITY OPERATIONS JEFFERSON CITY OPERATIONS Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:					
Identification number, description, etc of each pump:	HS#1	HS#2	HS#3	HS#4	
Fype (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
Purpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution	Distribution	
Anufacturer:	Patterson pump	Patterson pump	Patterson pump	Patterson pump	
Rated Capacity (gallons per minute):	1,736	1,736	1,736	1,736	
Discharge Head (in feet):	225	225	225	225	
Revolutions or Strokes Per Minute:	1,790	1,790	1,790	1,790	
Number of Stages:	1,750	1,750	1,750	1,750	
Connection (belt, gear or direct, etc.):					
	0.500	0.555	F 000		
Number of Hours Operated During Year:	2,500	2,555	5,828	1,544	
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower	TKKH Toshiba 150	TKKH Toshiba 150	TKKH Toshiba 150	TKKH Toshiba 150	
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower					
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)					
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

PUMPING STATION EQUIPMENT JEFFERSON CITY OPERATIONS Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.					
Particulars (a)	(b)	(c)	(d)	(e)	
Pumping Equipment dentification number or description of well or other source f supply to which pump is connected:					
lentification number, description, etc of each pump:	Schellridge # 1	Schellridge # 2	Schellridge # 3	Southwest Bst # 1	
ype (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
Purpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution	Distribution	
lanufacturer:	Peerless	Peerless	Peerless	Cornell	
Rated Capacity (gallons per minute):	300	300	300	900	
Discharge Head (in feet):	60	60	60	225	
Revolutions or Strokes Per Minute:	1,750	1,750	1,750	1,775	
lumber of Stages:					
Connection (belt, gear or direct, etc.):					
lumber of Hours Operated During Year:	501	637	1064	2105	
Ever Equipment Notive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower kolier Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) vir Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	K GE 7.5	K GE 7.5	K GE 7.5	TC Baldor 75	

PUMPING STATION EQUIPMENT JEFFERSON CITY OPERATIONS Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

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For the calendar year of January 1 - December 31, 2022

Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> dentification number or description of well or other source of supply to which pump is connected:				
dentification number, description, etc of each pump:	Southwest Bst # 2	Southwest Bst # 3	Ellis Bst # 1	Ellis Bst # 2
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Purpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution	Distribution
Manufacturer:	Cornell	Cornell	Berkley	Berkley
Rated Capacity (gallons per minute):	900	900	600	600
Discharge Head (in feet):	225	225	150	150
Revolutions or Strokes Per Minute:	1,775	1,775	1,800	1,800
	1,115	1,110	1,000	1,000
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:	5715	3011	4653	4712
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type	тс	TC	тс	TC
Manufacturer Rated Horsepower	Baldor 75	Baldor 75	Baldor 40	Baldor 40
Soiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)				
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

Use separate columns for each pump and associated power equipment. Use additional sheet	PUMPING STATIC JEFFERSON CITY s if necessary. For pumps, use only tho	OPERATIONS		
Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:				
Identification number, description, etc of each pump:	Bald Hill Bst # 1	Bald Hill Bst # 2		
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal		
Purpose of pump (low lift, distribution, etc.):	Distribution	Distribution		
Manufacturer:	G&L pumps	Goulds		
Rated Capacity (gallons per minute):	300	500		
Discharge Head (in feet):	120	150		
Revolutions or Strokes Per Minute:	1,755	1,775		
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:	1,557	2,706		
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower	TC AC 40	OPD Unknown 20		
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower				
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)				
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

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For the calendar year of January 1 - December 31, 2022

Jse separate columns for each pump and associated power equipment. Use additional shee	ts it necessary. For pumps, use only those	e lines applicable to the unit.		
Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment dentification number or description of well or other source of supply to which pump is connected:	Clearwell 2	Clearwell 2	Clearwell 2	Clearwell 2
Identification number, description, etc of each pump:	#12 HS Pump	#11 HS Pump	#9 HS Pump	#8 HS
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Purpose of pump (low lift, distribution, etc.):	High Service	High Service	High Service	High Service
Nanufacturer:	Peerless	Peerless	Aurora	Gould
Rated Capacity (gallons per minute):	6,250 gpm	2,800 gpm	3,200 gpm	4,200 gpm
Discharge Head (in feet):	110 feet	110 feet	150 feet	150 feet
Revolutions or Strokes Per Minute:	1,770 rpm	1,780 rpm	1,800 rpm	1,780 rpm
Number of Stages:	1 stage	1 stage	1 stage	1 stage
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	7,890	4,691	3,063	1,296
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Poilor Data:	Electric motor Toshiba 250 hp	Electric motor GE 100 hp	Electric motor US Motors 125 hp	Electric motor Westinghouse 200 hp
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	NA NA NA	NA NA NA NA	NA NA NA NA	NA NA NA
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head	NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA	NA NA NA NA NA NA NA
Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Biow Well Pounds of Pressure Required After Air Lift Begins Operating	NA NA NA NA	NA NA NA NA	NA NA NA	NA NA NA

For the calendar year of January 1 - December 31, 2022

PUMP	ING	STA	TION	EQUIP	MENT

e separate columns for each pump and associated power equipment. Use addition	Joplin O	TION EQUIPMENT Operations hose lines applicable to the unit.		
Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment entification number or description of well or other source supply to which pump is connected:	Cleawell 2	Shoal Creek	Shoal Creek	Shoal Creek
entification number, description, etc of each pump:	#6 HS Pump	#1 Intake Pump	#2 Intake Pump	#3 Intake Pump
pe (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Turbine	Turbine	Turbine
rpose of pump (low lift, distribution, etc.):	High Service	Low service	Low service	Low service
anufacturer:	DeLaval	FlowServe	FlowServe	FlowServe
ted Capacity (gallons per minute):	5,550 gpm	5,560 gpm	5,560 gpm	4,170 gpm
scharge Head (in feet):	205 feet	252 feet	252 feet	250 feet
volutions or Strokes Per Minute:	1,169 rpm	1,780 rpm	1,780 rpm	1,780 rpm
mber of Stages:	1 stage	3 stage	3 stage	3 stage
nnection (belt, gear or direct, etc.):	Centrifugal clutch	Direct	Direct	Direct
mber of Hours Operated During Year:	207	1,476	3,164	5,685
Type Manufacturer Rated Horsepower iler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower actric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Natural gas engine Caterpillar 365 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor US S00 hp NA NA NA Shoal Creek Caterpillar Diesel Direct Unknown NA NA NA NA NA NA NA NA NA NA NA	Electric motor US 500 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor US 350 hp NA NA NA Same as for #1 Intake Pump Same >NA NA NA NA NA NA NA NA

For the calendar year of January 1 - December 31, 2022

Jse separate columns for each pump and associated power equipment. Use additional sheets if	PUMPING STATION E Joplin Operat necessary. For pumps, use only those li	ions		
Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment dentification number or description of well or other source of supply to which pump is connected:	Shoal Creek	Shoal Creek	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone
dentification number, description, etc of each pump:	#5 Intake	#6 Intake	#1 Pump 15th St.	#2 Pump 15th St.
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine	Turbine	Double Suction	Double Suction
Purpose of pump (low lift, distribution, etc.):	Low service	Low service	Distribution booster	Distribution booster
Manufacturer:	Hydroflo	Hydroflo	Aurora	Aurora
Rated Capacity (gallons per minute):	2,780 gpm	2,780 gpm	700 gpm	700 gpm
Discharge Head (in feet):	250 feet	250 feet	170 feet	170 feet
Revolutions or Strokes Per Minute:	1,780 rpm	1,780 rpm	1,800 rpm	1,800 rpm
Number of Stages:	4 stage	4 stage	1 stage	1 stage
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	6.148	7,000	3,678	4,531
Type Manufacturer Rated Horsepower Solier Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description	Electric motor US 250 hp NA NA NA NA Same as for #1 Intake Pump Same as for #1 Intake Pump	Electric motor US 250 hp NA NA NA NA NA NA NA NA NA NA		Electric motor US 25 hp NA NA NA NA NA NA NA NA
Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	NA NA NA NA NA NA	NA NA NA NA NA NA		NA NA NA NA NA NA

PUMPING STATION EQUIPMENT Joplin Operations

PUMPING STATION EQUIPMENT

Use separate columns for each pump and associated power equipment. Use additional sheets if	PUMPING STATION EQ Joplin Operation necessary. For pumps, use only those line	ons		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source				
of supply to which pump is connected:	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone	32nd St. Tank
Identification number, description, etc of each pump:	#3 Pump 15th St.	#1 Pump 32nd St.	#2 Pump 32nd St.	#3 Pump 32nd St.
Type (displacement, centrifugal, air life, turbine, etc.):	Double Suction	End suction	End suction	End suction
Purpose of pump (low lift, distribution, etc.):	Distribution booster	Distribution booster	Distribution booster	Distribution booster
Manufacturer:	Aurora	Grundfos	Grundfos	Grundfos
Rated Capacity (gallons per minute):	700 gpm	950 gpm	950 gpm	1,500 gpm
Discharge Head (in feet):	170 feet	118 feet	118 feet	230 feet
Revolutions or Strokes Per Minute:	1,800 rpm	1,750 rpm	1,750 rpm	1,750 rpm
Number of Stages:	1 stage	1 stage	1 stage	1 stage
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	4.406	5,096	4,178	3,601
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer	Electric motor US 25 hp NA NA NA NA NA NA NA NA NA NA	Electric motor Baldor 40 hp NA NA NA NA NA NA NA NA NA NA	Electric motor Baldor 40 hp NA NA NA NA NA NA NA NA NA NA	Electric motor Baldor 100 hp NA NA NA NA NA NA NA NA NA NA
Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA

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Joplin Op	perations		
(b)	(c)	(d)	(e)
32nd St. Tank	Hill St. Tank	Hill St. Tank	Distribution System - Main Press. Zone
	#4 Pump Hill St.		#6 Pump Hill St.
			Split case centrifugal
			Distribution booster
			Patterson
			788 gpm
			73 feet
			1,765 rpm
			1 stage
-			
			Direct
2,661	551	5,326	8,264
Electric motor Baldor 100 hp	Electric motor Baldor 50 hp	Electric motor Baldor 50 hp	Electric motor Baldor 20 hp
NA NA NA 32nd Street Caterpillar Disel Direct 250 kw	NA NA NA Hill Street Terex Diesel Direct 300 kw	NA NA NA Same as #4 Pump Hill St. Same as #4 Pump Hill St.	NA NA NA Same as #4 Pump Hill St. Same as #4 Pump Hill St.
NA NA NA NA NA NA	NA NA NA NA NA	NA NA NA NA NA NA	NA NA NA NA NA NA
	Joplin Or Joplin Or	32nd St. TankHill St. Tank#4 Pump 32nd St.#4 Pump Hill St.End suctionSplit case centrifugalDistribution boosterDistribution boosterGrundfosPatterson1,500 gpm788 pgm230 feet163 feet1,750 rpm1,775 rpm1 stageDirect2,661551Electric motorBaldor100 hpSplitNA <td< td=""><td>Jolin Operations ts if necessary. For pumps, use only those lines applicable to the unit. (b) (c) (d) 32nd St. Tank Hill St. Tank Hill St. Tank #4 Pump 32nd St. #4 Pump Hill St. #5 Pump Hill St. End suction Split case centrifugal Split case centrifugal Distribution booster Distribution booster Distribution booster Grundfos Patterson 788 gpm 1,500 gpm 788 gpm 163 feet 1,500 gpm 183 feet 163 feet 1,750 rpm 1,775 rpm 1,775 rpm 1 stage 1 stage 1 stage Direct Direct Direct 2,661 S51 S,326 Electric motor Baldor Sol hp NA NA NA NA</td></td<>	Jolin Operations ts if necessary. For pumps, use only those lines applicable to the unit. (b) (c) (d) 32nd St. Tank Hill St. Tank Hill St. Tank #4 Pump 32nd St. #4 Pump Hill St. #5 Pump Hill St. End suction Split case centrifugal Split case centrifugal Distribution booster Distribution booster Distribution booster Grundfos Patterson 788 gpm 1,500 gpm 788 gpm 163 feet 1,500 gpm 183 feet 163 feet 1,750 rpm 1,775 rpm 1,775 rpm 1 stage 1 stage 1 stage Direct Direct Direct 2,661 S51 S,326 Electric motor Baldor Sol hp NA NA NA NA

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Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment Identification number or description of well or other source				Distribution System - Main Press. Zone #2 Pump Gateway End suction Distribution booster Berkeley
of supply to which pump is connected:	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone
Identification number, description, etc of each pump:	#1 Pump Galena	#2 Pump Galena	#1 Pump Gateway	#2 Pump Gateway
Type (displacement, centrifugal, air life, turbine, etc.):	End suction	#2 Pump Galena End suction	End suction	#2 Pump Galeway
Purpose of pump (low lift, distribution, etc.):	Distribution booster		Distribution booster	Distribution booster
Manufacturer:				Distribution booster
Rated Capacity (gallons per minute):	Peerless		Berkeley	Berkeley
Discharge Head (in feet):	400 gpm		550 gpm	550 gpm
Revolutions or Strokes Per Minute:	35 feet	35 feet	150 feet	150 feet
Number of Stages:	1,750 rpm	1,750 rpm	3,550 rpm	3,550 rpm
Connection (belt, gear or direct, etc.):	1 stage	1 stage	1 stage	1 stage
Number of Hours Operated During Year:	Direct		Direct	Direct
Power Equipment	0	0	93	754
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type				
Nanufacturer Rated Horsepower	Electric motor US		Electric motor Baldor	Electric motor Baldor
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	7-1/2 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	NA NA NA NA NA NA NA NA NA NA NA NA NA N	30 hp NA NA NA NA Cummins Diesel Direct 100 kw NA NA NA NA NA NA NA NA	30 hp NA NA NA NA Same as #1 Pump Gateway Same as #1 Pump Gateway Same as #1 Pump Gateway Same as #1 Pump Gateway NA NA NA NA NA NA NA NA

PUMPING STATION EQUIPMENT

Jse separate columns for each pump and associated power equipment. Use additional s	Joplin O	TION EQUIPMENT perations hose lines applicable to the unit.			
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> dentification number or description of well or other source of supply to which pump is connected:	A-05144	A-13157	A-62273	A-89974	
dentification number, description, etc of each pump:	#1 Well	#3 Well	#4 Well	#5 Well	
Гуре (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible	Submersible	Submersible	
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well	Deep Well	Deep Well	
Manufacturer:	Crown	Grundfos	Grundfos	Grundfos	
Rated Capacity (gallons per minute):	720 gpm	550 gpm	500 gpm	700 gpm	
Discharge Head (in feet):	420 feet	800 feet	500 feet	672 feet	
Revolutions or Strokes Per Minute:	3,525 rpm	3,525 rpm	3,525 rpm	1,800 rpm	
Number of Stages:	4 stage	7 stage	5 stage	17 stage	
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct	
Number of Hours Operated During Year:	0	2,157	2,154	2,276	
Power Equipment Voltive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Solier Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric motor Franklin 100 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor Franklin 150 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor Hitachi 125 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor Hitachi 125 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	

PUMF	PING	ST	ATION	EQUIPMENT
			-	

Particulars (a) Pumping Equipment dentification number or description of well or other source if supply to which pump is connected: dentification number, description, etc of each pump: Type (displacement, centrifugal, air life, turbine, etc.): Purpose of pump (low lift, distribution, etc.): Purpose of pump (low lift, distribution, etc.): Anufacturer: Rated Capacity (gallons per minute): Discharge Head (in feet): Revolutions or Strokes Per Minute: Aumber of Stages: Connection (belt, gear or direct, etc.): Aumber of Hours Operated During Year:	(b) A-109430 #6 Well Submersible Deep Well Grundfos 600 gpm 640 feet 3,525 rpm 9 stage Direct 2,241	(c) A-121711 #7 Well Turbine Deep Well Christensen 1050 gpm 553 feet 1,780 rpm 9 stage Direct	(d) A-121712 #8 Well Submersible Deep Well Grundfos 650 gpm 750 feet 3,525rpm 15 stage	(e) A-126427 #9 Well Submersible Deep Well Grundfos 1190 gpm 630 feet 3525 rpm 5 stage
dentification number or description of well or other source if supply to which pump is connected: dentification number, description, etc of each pump: Type (displacement, centrifugal, air life, turbine, etc.): Purpose of pump (low lift, distribution, etc.): Purpose of pump (low lift, distribution, etc.): Annufacturer: Rated Capacity (gallons per minute): Discharge Head (in feet): Revolutions or Strokes Per Minute: Aumber of Stages: Connection (belt, gear or direct, etc.):	#6 Well Submersible Deep Well Grundfos 600 gpm 640 feet 3,525 rpm 9 stage Direct	#7 Well Turbine Deep Well Christensen 1050 gpm 553 feet 1,780 rpm 9 stage	#8 Well Submersible Deep Well Grundfos 650 gpm 750 feet 3,525rpm	3525 rpm
Type (displacement, centrifugal, air life, turbine, etc.): Purpose of pump (low lift, distribution, etc.): Manufacturer: Rated Capacity (gallons per minute): Discharge Head (in feet): Revolutions or Strokes Per Minute: Number of Stages: Connection (belt, gear or direct, etc.):	Submersible Deep Well Grundfos 600 gpm 640 feet 3,525 rpm 9 stage Direct	Turbine Deep Well Christensen 1050 gpm 553 feet 1,780 rpm 9 stage	Submersible Deep Well Grundfos 650 gpm 750 feet 3,525rpm	3525 rpm
Purpose of pump (low lift, distribution, etc.): Aanufacturer: Rated Capacity (gallons per minute): Discharge Head (in feet): Revolutions or Strokes Per Minute: Aumber of Stages: Connection (belt, gear or direct, etc.):	Deep Well Grundfos 600 gpm 640 feet 3,525 rpm 9 stage Direct	Deep Well Christensen 1050 gpm 553 feet 1,780 rpm 9 stage	Deep Well Grundfos 650 gpm 750 feet 3,525rpm	3525 rpm
Manufacturer: Rated Capacity (gallons per minute): Discharge Head (in feet): Revolutions or Strokes Per Minute: Number of Stages: Connection (belt, gear or direct, etc.):	Grundfos 600 gpm 640 feet 3,525 rpm 9 stage Direct	Christensen 1050 gpm 553 feet 1,780 rpm 9 stage	Grundfos 650 gpm 750 feet 3,525rpm	3525 rpm
Rated Capacity (gallons per minute): Discharge Head (in feet): Revolutions or Strokes Per Minute: Jumber of Stages: Connection (belt, gear or direct, etc.):	600 gpm 640 feet 3,525 rpm 9 stage Direct	1050 gpm 553 feet 1,780 rpm 9 stage	650 gpm 750 feet 3,525rpm	3525 rpm
Discharge Head (in feet): Revolutions or Strokes Per Minute: Number of Stages: Connection (belt, gear or direct, etc.):	640 feet 3,525 rpm 9 stage Direct	553 feet 1,780 rpm 9 stage	750 feet 3,525rpm	3525 rpm
Revolutions or Strokes Per Minute: lumber of Stages: Connection (belt, gear or direct, etc.):	3,525 rpm 9 stage Direct	1,780 rpm 9 stage	750 feet 3,525rpm	3525 rpm
lumber of Stages: Connection (belt, gear or direct, etc.):	9 stage Direct	9 stage		
Connection (belt, gear or direct, etc.):	Direct		15 stage	5 stage
		Direct		oolugo
lumber of Hours Operated During Year:	2,241		Direct	Direct
		1,824	2,003	1,469
Identification Number or Description Manufacturer Rated Horsepower Solier Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Ar Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric motor Franklin 100 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor US 200 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor Hitachi 150 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor Franklin 200 hp NA NA NA NA NA NA NA NA NA NA NA NA NA

For the calendar year of January 1 - December 31, 2022

Dumber description of well or other source of supply or which pump is connected. A-28853 PWS WELL 1740 A-00872 A-00872 Identification number, description, etc of each pump: 410 Well 410 Well 411 Well 412 Well 413 Well Identification number, description, etc of each pump: 410 Well 500 mem 300 Submersible Submersible Submersible Submersible Submersible Submersible Submersible Deep Well	Lumber description. Lumber description. <thlumber description.<="" th=""> Lumber description.</thlumber>	Durbing Explored sequely to which purp is connected. And beam statution of sequely to which purp is connected. And beam statution of the purp is connected. And beam statutis connected. And beam statutis connected.	Particulars (a)	(b)	(c)	(d)	(e)
dentification number of description of velor other sources in the sources in the source of each pump; is connected; in the source of each pump; is connected	factorA-2883PNSEL1740A-08872A-08872A-08972factor number description, eto de ah pump:10 Wil11 Wil12 Wil12 Wil13 Wil(dipicerret, entrings), site, luther, etc.):0 Bey Will0 Bey Will0 Bey Will0 Bey Will0 Bey Willac op unp (ou fit, distribution, etc.):0 Bey Will0 Bey Will0 Bey Will0 Bey Will0 Bey Will0 Bey Will0 Bey Willa Capacity (gallons per minde):0 Galgon0 Sign0 Bey Will0 B	Instruction under or description woll or other sources A-2883. WSWELL 1740. A-08072. A-08072. Ising by oth hyper is connected. 10 Weil 11 Weil 12 Weil <t< td=""><td></td><td></td><td></td><td></td><td></td></t<>					
Appendiagneement upper displacement opper displ	Automation Submersible Submersible Submersible Submersible Submersible Submersible Submersible Submersible see op upp (jow lift, distribution, etc.): Deep Well Gen Well	And equipament certification of the submers	dentification number or description of well or other source	A-128853	PWS WELL 17440	A-008472	A-008972
Angoa of pump (ow lift, distbutton, etc.): Jarpose of pump (ow lift, distbutton, etc.): Manufacturer: Atade Capacity (galons per minute): Atade Capacity (g	ace of purp (low life, distribution, etc.): dece of purp (low life, distribution, etc.): dece of purp (low life, distribution, etc.): dece of purp (low life, distribution, etc.): dece of galaxies etc.): ber of Stages: low of Stages:	hypen of purp (ow lift, darburd, ed.): hypen	dentification number, description, etc of each pump:	#10 Well	#11 Well	#12 Well	#13 Well
Audidation of the second of th	Adversion of the second of the	Andrefer and a former of a for	Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible	Submersible	Submersible
Add Capacity (gallons per minute):Song pmSong	dopanet (galons per minute): ange Head (in feet): har per Mender ber of Stages: ber of Sta	Alac Capacity Galons per minubesSo granSo gr	Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well	Deep Well	Deep Well
Interview Interview Interview Interview Interview Speakage Head (in feet): 50 feet 756 feet 369 feet unknown kevolutions or Strokes Per Minute: 1,770 rpm 1,770 rpm 1,760 rpm unknown kumber of Stages: 13 stage 16 stage 9 stage unknown connection (belt, gear or direct, etc.): Direct Direct Direct Direct kumber of Hours Operated During Year: 2,233 3,310 0 0 Power For Pump (steam, gas or oil engine, electric motor, or water turbine): Felectric motor Electric motor Electric motor Electric motor Electric motor Electric motor unknown Manufacturer Rated Horsepower NA NA NA NA NA Ype (water tube, tube vertical, tube horizontal) NA NA NA NA NA Manufacturer NA NA NA NA NA NA NA Ype (water tube, tube vertical, tube horizontal) NA NA NA NA NA Ype (water tube, gas or oil, hydratal) NA NA NA NA NA Ype (water tube, gas or oil, hydratal) NA NA NA NA NA	rage Head (refe): ,	Index of the second s	lanufacturer:	Grundfos	Grundfos	Grundfos	Crown
Joint of Stroke Per Minute: 1,770 rpm 1,770 rpm 1,760 rpm unknown Jumber of Stages: 13 stage 16 stage 9 stage unknown Joinection (belt, gear or direct, etc.): Direct Direct Direct Direct Jumber of Pours (Dearning Year: 2,233 3,310 Immediation of Stroke Power for Pours (steam, gas or oil engine, electric motor, or water turbine): Electric motor Electric motor Electric motor Electric motor Electric motor Electric motor Immediation of Stroke Power Im	labora of Shages: labora of Sha	And and a service of the service of	Rated Capacity (gallons per minute):	500 gpm	750 gpm	360 gpm	360 gpm
DateDateDateDateDateNumber of Stages:13 stage16 stage9 stageunknownLonnection (belt, gear or direct, etc.):DirectDirectDirectDirectNumber of Hours Operated During Year:2,2333,31000Lotive Power for Pump (steam, gas or dilengine, electric motor, or water turbine):Electric motorElectric motorElectric motorTypeManufacturerGrundfosGrundfosunknownunknownAditor Power for Pump (steam, gas or dilengine, electric motor, or water turbine):NANANATypeGrundfosUnknownunknownunknownIdentification Number or DescriptionNANANANAManufacturerNANANANAType (water tube, tube vertical, tube horizontal)NANANANARated HorsepowerNANANANANARated HorsepowerNANANANANAStattic Generators:NANANANANAIdentification Number or DescriptionNANANANANAManufacturerNANANANANANAManufacturerNANANANANANAManufacturerNANANANANANAManufacturerNANANANANANAManufacturerNANANANANANA <t< td=""><td>IndexIndexIndexIndexIndexIndexbeed of Slagespisedpisedpisedpisedpisedpisedbeed on (bel, gear or direct, etc.):pisedpisedpisedpisedpisedpisedber of Hours Operated During Year:2,2333,3100pisedpisede Power for Pump (steam, gas or oil engine, electric motor, or water turbine): rgeElectric motor GrundfosElectric motor GrundfosElectric motor GrundfosElectric motor unknown unknown unknownElectric motor unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknown unknownElectric motor unknown unknown unknown unknown unknown unknownNANANANAr Data: er (feath tube, tube vertical, tube horizontai) andfacturer taled horspowerNANANANANANAr Data: er (feath gas or oil, hydraulic) on police plot of electric motor NA</td><td>Jac Jac <thjac< th=""> <thjac< th=""> <thjac< th=""></thjac<></thjac<></thjac<></td><td>Discharge Head (in feet):</td><td>750 feet</td><td>756 feet</td><td>369 feet</td><td>unknown</td></t<>	IndexIndexIndexIndexIndexIndexbeed of Slagespisedpisedpisedpisedpisedpisedbeed on (bel, gear or direct, etc.):pisedpisedpisedpisedpisedpisedber of Hours Operated During Year:2,2333,3100pisedpisede Power for Pump (steam, gas or oil engine, electric motor, or water turbine): rgeElectric motor GrundfosElectric motor GrundfosElectric motor GrundfosElectric motor unknown unknown unknownElectric motor unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknownElectric motor unknown unknown unknown unknown unknownElectric motor unknown unknown unknown unknown unknown unknownNANANANAr Data: er (feath tube, tube vertical, tube horizontai) andfacturer taled horspowerNANANANANANAr Data: er (feath gas or oil, hydraulic) on police plot of electric motor NA	Jac Jac <thjac< th=""> <thjac< th=""> <thjac< th=""></thjac<></thjac<></thjac<>	Discharge Head (in feet):	750 feet	756 feet	369 feet	unknown
Dencedion (belt, gear or direct, etc.):DirectDirectDirectDirectNumber of Hours Operated During Year:2,2333,1000Autive Power for Pump (steam, gas or oliengine, electric motor, or water turbine):Image: Steam of the steam of t	endion (belt, gear or direct, etc.):DirectDirectDirectDirect2,2333,10000Power for Pump (steam, gas or oll engine, electric motor, or water turbine): rege anufacturer ated HorsepowerElectric motor GrundfosElectric motor ManchonElectric motor ManchonManchonManchonManchonManchonManchonManchonManchonManchonManchonManchonManchonManchon <td>Denection (belt, gear or direct, etc.): Direct Direct Direct Aumber of Hours Operated During Year: 2,233 3,10 0 0 Educe Equipment Image: Company (and prime) Image: Company (and prime) Image: Company (and prime) Image: Company (and prime) Moute Power for Purung (ateam, gas or oil engine, electric motor, or water turbine): Electric motor Image: Company (and prime) Image: Company (and prime) Electric motor Image: Company (and prime) Image: Company (and prim) Image: Co</td> <td>Revolutions or Strokes Per Minute:</td> <td>1,770 rpm</td> <td>1,770 rpm</td> <td>1,760 rpm</td> <td>unknown</td>	Denection (belt, gear or direct, etc.): Direct Direct Direct Aumber of Hours Operated During Year: 2,233 3,10 0 0 Educe Equipment Image: Company (and prime) Image: Company (and prime) Image: Company (and prime) Image: Company (and prime) Moute Power for Purung (ateam, gas or oil engine, electric motor, or water turbine): Electric motor Image: Company (and prime) Image: Company (and prime) Electric motor Image: Company (and prime) Image: Company (and prim) Image: Co	Revolutions or Strokes Per Minute:	1,770 rpm	1,770 rpm	1,760 rpm	unknown
Number of Hours Operated During Year: 2,233 3,310 0 0 Power Equipment Manufacturer Rated Horsepower Electric motor, or water turbine): Electric motor Electric motor Grundfos Electric motor unknown Electric motor Electric motor unknown Electric motor NA	Power Equipment 2,233 3,310 0 Power Equipment	Low of during Year: 2,233 3,10 Output Lower For Pump (steam, gas or oil engine, electric motor, or water turbine): Image: Controp of Section of Controp of Sectin Controp of Controp of Section of Controp of Controp of Controp	Number of Stages:	13 stage	16 stage	9 stage	unknown
Dower Equipment Power Equipment Relectic motor Electric motor Mantfacturer NA	Dover Equipment Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric motor Electric motor Electric motor anufacturer Grundfos Grundfos Grundfos unknown unknown ated Horsepower 125 hp 150 hp unknown unknown unknown ated Horsepower NA NA NA NA NA anufacturer NA NA NA NA NA anufacturer NA NA NA NA NA anufacturer NA NA NA NA NA NA	Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric motor Electric motor Electric motor Manufacturer Rated Horsepower Grundfos grundfos unknown unknown Identification Number or Description NA NA NA NA Manufacturer NA NA NA NA NA Manufacturer NA NA NA NA NA Manufacturer NA NA NA NA NA Type (vater tube, tube vortical, tube horizontal) NA NA NA NA NA Rated Horsepower NA NA NA NA NA NA Identification Number or Description NA	Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric motor Electric motor Electric motor Type Grundfos Grundfos unknown unknown Manufacturer Grundfos unknown unknown Solier Data: Image: Solier Data:	ie Powr for Pump (steam, gas or oil engine, electric motor, or water turbine): ppe Electric motor Electric motor Control Cont	Index Inspected Type Mandacturer Rated HorsepowerIndex Inspected CoundIos CoundIos<	Number of Hours Operated During Year:	2,233	3,310	0	0
Type Electric motor Electric motor Electric motor Electric motor Manufacturer Grundfos Grundfos unknown unknown unknown Boiler Data: IS hp 150 hp In Known In Known In Known Identification Number or Description NA NA NA NA NA NA NA Manufacturer NA N	ppeLectric motorElectric motorElectric motorElectric motorElectric motorElectric motorUnknownUnknownaturdaturerGrundfosGrundfosUnknownUnknownUnknownUnknownUnknownr Data:	TypeTypeElectric motorElectric motorElectric motorElectric motorElectric motorElectric motorElectric motorMentorManufacturerGrundfosGrundfosunknownunknownunknownunknownUnknownbolier Data:NaNaNaNaNaNaNaIdentification Number or DescriptionNANANANANANAManufacturerNANANANANANAType (water tube, tube vertical, tube horizontal)NANANANANAIdentification Number or DescriptionNANANANANANAManufacturerNANANANANANANAIdentification Number or DescriptionNANANANANANAMalufacturerNANANANANANANAMolive Power (steam, gas or oil, hydraulic)NANANANANANAConnection (beit, gear or direct)NANANANANANAGroupersors:Identification Number or DescriptionNANANANANAir Compresors:Identification Number or DescriptionNANANANANAir Compresors:Identification NaNANANANANAis Compresor of Air Lift Head (in fiet when not pumping)NANANANANASubmergenco of Air Lift Head	Power Equipment				
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Type (water tube, tube vertical, tube horizontal) NA NA NA NA NA Rated Horsepower NA NA NA NA NA Electric Generators: NA NA NA NA Identification Number or Description NA NA Well 12 NA Manufacturer NA NA Cummins NA Motive Power (steam, gas or oil, hydraulic) NA NA Diesel NA Connection (belt, gear or direct) NA NA NA NA Ated Capacity (in kilowatt-amperes) NA NA NA NA	pe (water tube, tube vertical, tube horizontal)NANANANAated HorsepowerNANANANAated HorsepowerNANANANAric Generators:entification Number or DescriptionNANAWell 12NAanufacturerNANACumminsNAotive Power (steam, gas or oil, hydraulic)NANANANAonnection (belt, gear or direct)NANANANAated Capacity (in kilowatt-amperes)NANANANAompressors:ore or StokeNANANANANANAze or Air Discharge HeadNANANANANAubmergence of Air Lift Head (infeet when not pumping)NANANANANAbitmated Average Draw-Down During OperationNANANANANA	Type (water tube, tube vertical, tube horizontal) Rated HorsepowerNANANANARated HorsepowerNANANANANAidentification Number or DescriptionNANAWell 12NAManufacturerNANACumminsNAMotive Power (steam, gas or oil, hydraulic)NANADieselNAConnection (belt, gear or direct)NANADirectNARated Capacity (in kilowat-ampres)NANASol kwNAvir Compressors:NANANANAIdentification Number or DescriptionNANANANASteo or StrokeNANANANANABore or StrokeNANANANANASteo or StrokeNANANANANASteo or StrokeNANANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANANA<	Identification Number or Description				
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Air Compressors: Identification Number or Description NA NA NA NA NA	ompressors: entification Number or Description anufacturer or or Stroke ze or Air Discharge Head ubmergence of Air Lift Head (in feet when not pumping) Stimated Average Draw-Down During Operation NA NA NA NA NA NA NA NA NA NA NA NA NA	ir Compresors: Identification Number or Description NA NA NA NA NA NA NA Manufacturer NA NA NA NA NA NA NA Bore or Stroke NA NA NA NA NA NA NA Size or Air Discharge Head NA NA NA NA NA NA Submergence of Air Lift Head (in feet when not pumping) NA NA NA NA NA NA NA Estimated Average Draw-Down During Operation NA NA NA NA NA NA NA NA NA NA NA NA Pounds of Pressure Required to Blow Well	Connection (belt, gear or direct)	NA	NA	Direct	NA
Identification Number or Description NA NA NA NA	entification Number or Description NA NA NA NA NA NA NA anufacturer NA NA<	Identification Number or DescriptionNANANANAManufacturerNANANANABore or StrokeNANANANASize or Air Discharge HeadNANANANASubmergence of Air Lift Head (in feet when not pumping)NANANANAEstimated Average Draw-Down During OperationNANANANAPounds of Pressure Required to Blow WellNANANANA		NA	NA	80 kw	NA
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	ze or Air Discharge Head NA NA NA NA NA ubmergence of Air Lift Head (in feet when not pumping) NA NA NA NA NA stimated Average Draw-Down During Operation NA NA NA NA NA	Size or Air Discharge Head NA NA NA NA Submergence of Air Lift Head (in feet when not pumping) NA NA NA NA Estimated Average Draw-Down During Operation NA NA NA NA Pounds of Pressure Required to Blow Well NA NA NA NA	Manufacturer	NA	NA	NA	NA
	ubmergence of Air Lift Head (in feet when not pumping) NA NA NA NA NA Strated Average Draw-Down During Operation NA NA NA NA NA	Submergence of Air Lift Head (in feet when not pumping) NA NA NA NA NA Estimated Average Draw-Down During Operation NA NA NA NA NA Pounds of Pressure Required to Blow Well NA NA NA NA NA					
	stimated Average Draw-Down During Operation NA NA NA NA	Estimated Average Draw-Down During Operation NA NA NA NA Pounds of Pressure Required to Blow Well NA NA NA	Size or Air Discharge Head Submergence of Air Lift Head (in feet when not numping)				
Estimated Average Draw-Down During Operation NA NA NA NA			Estimated Average Draw-Down During Operation	NA	NA	NA	NA
Pounds of Pressure Required to Blow Well NA NA NA		Pounds of Pressure Required After Air Lift Bedins Uperating		NA	NA	NA	NA
Pounds of Pressure Required After Air Lift Begins Operating	bunds of Pressure Required After Air Lift Begins Operating						
	bunds of Pressure Required Alter Air Lift Begins Operating						
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For the calendar year of January 1 - December 31, 2022
Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.				
Particulars (a)	(b)	(c)	(d)	(e)
Pumping Equipment Identification number or description of well or other source				
of supply to which pump is connected:	Distribution System - Main Press. Zone	Distribution System - Main Press. Zone		
Identification number, description, etc of each pump:	#1 Deer/Dakota Station	#2 Deer/Dakota Station		
Type (displacement, centrifugal, air life, turbine, etc.):	Split Case Centrifugal	Split Case Centrifugal		
Purpose of pump (low lift, distribution, etc.):	Distribution Booster	Distribution Booster		
Manufacturer:	Aurora	Aurora		
Rated Capacity (gallons per minute):	350 gpm	350 gpm		
Discharge Head (in feet):	141 feet	141 feet		
Revolutions or Strokes Per Minute:	1,750 rpm	1,750 rpm		
Number of Stages:	1 stage	1 stage		
Connection (belt, gear or direct, etc.):	Direct	Direct		
Number of Hours Operated During Year:	3,548	3,456		
Dever Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Biow Well Pounds of Pressure Required After Air Lift Begins Operating	Electric motor US 25 hp NA NA NA NA NA NA NA NA NA NA NA NA NA	Electric motor US 25 hp NA NA NA NA NA NA NA NA NA NA NA NA NA		

PUMPING STATION EQUIPMENT Lake Carmel Operations Jake Carmel Operations Jake Carmel Operations Jake Carmel Operations Jake Carmel Operations Operations Particulars (a) (b) (c) (d) (e)				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:				
Identification number, description, etc of each pump:	Lake Carmel	Lake Carmel		
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	turbine		
Purpose of pump (low lift, distribution, etc.):	Booster Station	Well Pump		
Manufacturer:	Flowserve	Grundfos mod#62575BP		
Rated Capacity (gallons per minute):		60		
Discharge Head (in feet):	278	278'		
Revolutions or Strokes Per Minute:				
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:	6,392	3,202		
Bower Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Electric Baldor 5	Electric Hitacha 7.5		

Use separate columns for each pump and associated power equipment. Use additional sheets if I	Tri County District - Lakewood necessary. For pumps, use only those lin	d Manor Operations		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO5036020	MO5036020	MO5036020	
Identification number, description, etc of each pump:	Lakewood Manor	Lakewood #1 Booster	Lakewood #1 Booster	
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Centrifugal	Centrifugal	
Purpose of pump (low lift, distribution, etc.):	Deep Well	High Service	High Service	
Manufacturer:		St-Rite	St-Rite	
Rated Capacity (gallons per minute):	70 gpm			
Discharge Head (in feet):				
Revolutions or Strokes Per Minute:				
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:				
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower	Electric Motor Franklin 7.5 hp	5 hp	5 hp	
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating				

PUMPING STATION EQUIPMENT

PUMPING STATION EQUIPMENT Lawson Jase separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars Particul				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	EFI water pump station	EFI water pump station	EFI water pump station	
Identification number, description, etc of each pump:	G030603	G030603	(spare pump & motor used) 001A12T	
Type (displacement, centrifugal, air life, turbine, etc.):	mod. B3TPMS	mod. B3TPMS	mod. B3TPMS	
Purpose of pump (low lift, distribution, etc.):	distribution	distribution	distribution	
Manufacturer:	Berkly	Berkly	Berkly	
Rated Capacity (gallons per minute):	400	400	400	
Discharge Head (in feet):	125	125	125	
Revolutions or Strokes Per Minute:	3,600	3,600	3,600	
Number of Stages:				
Connection (belt, gear or direct, etc.):	direct	direct	direct	
Number of Hours Operated During Year:				
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	electric TDR Marathon 20	electric TDR Marathon 20	electric Baldor 20	

PUMPING STATION EQUIPMENT Tri County District - Lake Taneycomo Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Image: Column of the column of the					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO5036198	MO5036198			
Identification number, description, etc of each pump:	LTA #1	LTA #2			
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible			
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well			
Manufacturer:	Grundfos	Grundfos			
Rated Capacity (gallons per minute):	60 gpm	62 gpm			
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:					
Number of Stages:					
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:					
End Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Electric Motor Hitachi 7.5	Electric Motor Franklin 10			

PUMPING STATION EQUIPMENT Maplewood Juse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Image: Color of the color				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO3036131	MO3036131		
Identification number, description, etc of each pump:	Maplewood #1	Maplewood #2		
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible		
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well		
Manufacturer:		Grundfos		
Rated Capacity (gallons per minute):	65 gpm	245 gpm		
Discharge Head (in feet):		378'		
Revolutions or Strokes Per Minute:		3,450 rpm		
Number of Stages:		3		
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:	0	2,683		
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators:	Engine Red Jacket 7.5 hp	Engine Hitachi 30 hp		
Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	80REOZJF Kohler Direct Phase 480 125 Amps 83 KW			

PUMPING	STATIO	N EQUIPMENT
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PUMPING STATION EQUIPMENT Mexico Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well #2	Well #3	Well #4	Well #5
Identification number, description, etc of each pump:	2673341	2474349	2584584	3522389
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine	Turbine	Turbine	Turbine
Purpose of pump (low lift, distribution, etc.):	Plant supply	Plant supply	Plant supply	Plant supply
Manufacturer:	Goulds	Grundfos	Christensen/Layne	Gould
Rated Capacity (gallons per minute):	735	280	615	950
Discharge Head (in feet):	522	621	587	501
Revolutions or Strokes Per Minute:	1785	3450	1780	1780
Number of Stages:	10	17	14	8
Connection (belt, gear or direct, etc.):	Direct	Direct/Submersible	Direct	Direct
Number of Hours Operated During Year:	4,052	3,538	1,518	3,610
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Well #2 Electric Motor US Electric 125 N/A	Well #3 Electric Motor Hitachi 60 N/A N/A	Well #4 Electric Motor US Electric 125 N/A	Well #5 Electric Motor US Electric 150 N/A
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Well #2 Craftsman 1.8 HP 550 40	Well #3 Craftsman 1.8 HP 665 90	Well #4 Craftsman 1.8 HP 600 70	Well #5 Craftsman 1.7 HP 540 30

PUMPING STATION EQUIPMENT Mexico Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well #6	Well #7	High Service #1	High Service #3
Identification number, description, etc of each pump:	2979937	3218347		19-2570083
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine	Turbine	Centrifugal	Centrifugal
Purpose of pump (low lift, distribution, etc.):	Plant supply	Plant supply	Distribution	Distribution
Manufacturer:	Christensen/Layne	Goulds	Patterson	Pentair-Aurora
Rated Capacity (gallons per minute):	1040	1030	1090	1700
Discharge Head (in feet):	573	570	190	182
Revolutions or Strokes Per Minute:	1780	1780	3560	1800
Number of Stages:	9	10	1	1
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	1,196	962	1,114	597
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal)	Well #6 Electric Motor US Electric 200 N/A	Well #7 Electric Motor US Electric 200 N/A	High Service #1 Electric Motor Baldor 75 N/A	High Service #3 Electric Motor WEG 125 N/A
Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation	N/A Cummins Natural Gas Direct 350 kW Well #6 Craftsman 1.8 HP 550 30	Well #7 Baldor Diesel Direct 250 kW Well #7 Craftsman 1.8 HP 610 50	Plant Cummins Diesel Direct 450 kW	Plant Cummins Diesel Direct 450 KW
Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

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PUMPING STATION EQUIPMENT Mexico Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)				
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	High Service #5	High Service #6	Highway 54 Booster #1	Highway 54 Booster #2
Identification number, description, etc of each pump:				
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal
Purpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution	Distribution
Manufacturer:	Aurora	Aurora	Cornell	Cornell
Rated Capacity (gallons per minute):	975	1700	800	800
Discharge Head (in feet):	185	185	175	175
Revolutions or Strokes Per Minute:	1775	1750	1775	1775
Number of Stages:	1	1	1	1
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	3,740	4,713	4,813	3,915
Dever Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	High Service #5 Electric Motor WEG Electric Corp. 75 N/A Plant Cummins Diesel Direct 450 KW	High Service #6 Electric Motor Toshiba 100 N/A Plant Cummins Diesel Direct 450 KW	Highway 54 Booster #1 Electric Motor Baldor 60 N/A N/A	Highway 54 Booster #2 Electric Motor Baldor 60 N/A N/A

PUMPING STATION EQUIPMENT Mexico Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:	Backwash Pump				
Identification number, description, etc of each pump:					
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine				
Purpose of pump (low lift, distribution, etc.):	Filter backwash				
Manufacturer:	Ingersoll- Dresser				
Rated Capacity (gallons per minute):	5400				
Discharge Head (in feet):	41				
Revolutions or Strokes Per Minute:	1180				
Number of Stages:	1				
Connection (belt, gear or direct, etc.):	Direct				
Number of Hours Operated During Year:	70				
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description	Backwash Pump Electric motor Allis Chalmers 100 N/A Plant Cummins Diesel Direct 450 kW				
Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

PUMPING STATION EQUIPMENT Monsees Lake Estates Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well 1	well 2			
Identification number, description, etc of each pump:	M50432	submersible 5 HP pump			
Type (displacement, centrifugal, air life, turbine, etc.):	turbine	turbine			
Purpose of pump (low lift, distribution, etc.):	well pump	well pump			
Manufacturer:	Goulds	Unknown			
Rated Capacity (gallons per minute):	50 GPM	50 GPM			
Discharge Head (in feet):	150 psi	150 psi			
Revolutions or Strokes Per Minute:					
Number of Stages:	unknown	unknown			
Connection (belt, gear or direct, etc.):	Direct	Direct			
Number of Hours Operated During Year:					
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Hydro Tank compressor 5KH33GNB130x Marathon 1/6 HP N/A N/A N/A N/A N/A				

PUMPING STATION EQUIPMENT Orrick Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	N/A no pumps				
Identification number, description, etc of each pump:					
Type (displacement, centrifugal, air life, turbine, etc.):					
Purpose of pump (low lift, distribution, etc.):					
Manufacturer:					
Rated Capacity (gallons per minute):					
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:					
Number of Stages:					
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:					
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors:					
Identification Number or Description Manufacturer Bore or Stoke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

PUMPING STATION EQUIPMENT <u>Tri County District - Ozark Mountain #1 Operations</u> Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> dentification number or description of well or other source of supply to which pump is connected:	MO5036177	MO5036177	MO5036177		
dentification number, description, etc of each pump:	Ozark Mtn #1	Ozark Mtn #1 Booster	Ozark Mtn #1 Booster		
ype (displacement, centrifugal, air life, turbine, etc.):	Submersible	Centrifugal	Centrifugal		
Purpose of pump (low lift, distribution, etc.):	Deep Well	High Service	High Service		
/anufacturer:					
Rated Capacity (gallons per minute):	150 gpm				
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:					
Number of Stages:					
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:					
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Electric Motor Franklin 30 hp				
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

Formerice STATION Equipments Tri County District - Ozark Mountain #2 and #3 Operations Jase separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO5036163	MO5036163	MO5036162		
Identification number, description, etc of each pump:	Ozark Mtn #2	Ozark Mtn #2 Backup	Ozark Mtn #3		
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible	Submersible		
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well	Deep Well		
Manufacturer:	Gundfos		Gundfos		
Rated Capacity (gallons per minute):			40 gpm		
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:	3,450 rpm				
Number of Stages:	12 Stage				
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:			344		
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower			Electric Motor Franklin		
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower					
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)					
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

Use separate columns for each pump and associated power equipment.	Use additional sheets if necessary. F	For pumps, use only those lines applicable to the unit.

PUMPING STATION EQUIPMENT Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. 200 (d) (e) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:	See Pg W-17 Attachment				
Identification number, description, etc of each pump:					
Type (displacement, centrifugal, air life, turbine, etc.):					
Purpose of pump (low lift, distribution, etc.):					
Manufacturer:					
Rated Capacity (gallons per minute):					
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:					
Number of Stages:					
Connection (belt, gear or direct, etc.):					
Number of Hours Operated During Year:					
Environment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

For the calendar year of January 1 - December 31, 2022

MISSOURI-AMERICAN WATER COMPANY For the calendar year of January 1 - December 31, 2022 PUMPING STATION EQUIPMENT

CENTRIFUGAL PUMPS	MAKE	CAPACITY GPM	FEET HEAD	RPM	NO. STAGES	CONNECTION	SOURCE OF SUPPLY	DRIVEN BY	PURPOSE OF PUMP	HOURS
CENTRI OGAE FOMFS		OF M	TILAD		STAGES	CONNECTION	JUFFEI	BRIVEINBI		HOURS
TURBINE PUMPS	GOULDS	2,205	30	1,725	3	DIRECT	WELL #8	125 HP VERTICAL ELECTRIC MOTOR	Source Water Pump	0
TURBINE PUMPS	LAYNE-BOWLER	1,111	30	1,750	2	DIRECT	WELL #4	40 HP VERTICAL ELECTRIC MOTOR	Source Water Pump	7,003
TURBINE PUMPS	GOULDS	2,100	60	1,750	4	DIRECT	WELL #7	150 HP VERTICAL ELECTRIC MOTOR	Source Water Pump	102
TURBINE PUMPS	LAYNE-BOWLER	1,950	30	1,750	2	DIRECT	WELL #6	60 HP VERTICAL ELECTRIC MOTOR	Source Water Pump	8,676
High Service #1	CHRISTENSEN	1,530	481	1,780	4	DIRECT	Clearwell	150 HP VERTICAL ELECTRIC MOTOR	Plant Effluent Pump	0
High Service #2	CHRISTENSEN	1,010	481	1,780	4	DIRECT	Clearwell	100 HP VERTICAL ELECTRIC MOTOR	Plant Effluent Pump	7,246
High Service #3	CHRISTENSEN	1,490	481	1,780	4	DIRECT	Clearwell	150 HP VERTICAL ELECTRIC MOTOR	Plant Effluent Pump	8,351
Bell Road #1	GOULDS	1,250	180	VARIABLE	1	DIRECT	Distribution	75 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	126
Bell Road #2	GOULDS	1,250	180	VARIABLE	1	DIRECT	Distribution	75 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	461
Park University #1	GOULDS	750	235	VARIABLE	1	DIRECT	Distribution	75 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	4,470
Park University #2	GOULDS	750	235	VARIABLE	1	DIRECT	Distribution	75 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	4,466
Park University #3	GOULDS	1,500	280	VARIABLE	1	DIRECT	Distribution	125 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	0
Riss Lake #1	LAYNE BOWLER	750	251	3,600	1	DIRECT	Distribution	50 HP VERTICAL ELECTRIC MOTOR	Distribution Booster Pump	1,213
Riss Lake #2	LAYNE BOWLER	750	251	3,600	1	DIRECT	Distribution	50 HP VERTICAL ELECTRIC MOTOR	Distribution Booster Pump	75
Thousand Oaks #1	CORNELL	1,440	225	VARIABLE	1	DIRECT	Distribution	125 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	142
Thousand Oaks #2	CORNELL	1,440	225	VARIABLE	1	DIRECT	Distribution	125 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	521
Thousand Oaks #3	CORNELL	1,440	225	VARIABLE	1	DIRECT	Distribution	125 HP HORIZONTAL ELECTRIC MOTOR	Distribution Booster Pump	0
									Distribution Booster Pump	
North Congress #1	GOULDS	75	75	1,750	1	DIRECT	Distribution	25 HP HORIZONTAL ELECTRIC MOTOR	(Kansas City Interconnection) Distribution Booster Pump	0
North Congress #2	GOULDS	125	95	VARIABLE	1	DIRECT	Distribution	50 HP HORIZONTAL ELECTRIC MOTOR	(Kansas City Interconnection)	0

PumPing STATION EQUIPMENT Pevely Farms Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Low Lift Pump 1	Low Lift Pump 2	High Service Pump 1	High Service Pump 2 75 hp Centrifugal High Service Pentair Aurora 450 gpm	
Identification number, description, etc of each pump:	7.5 hp	7.5 hp	75 hp	75 hp	
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal	
Purpose of pump (low lift, distribution, etc.):	Low Lift	Low Lift	High Service	High Service	
Manufacturer:	Pentair Aurora	Pentair Aurora	Pentair Aurora	Pentair Aurora	
Rated Capacity (gallons per minute):	450 gpm	450 gpm	450 gpm	450 gpm	
Discharge Head (in feet):	38 ft	38 ft	371 ft	371 ft	
Revolutions or Strokes Per Minute:	1,800 rpm	1,800 rpm	3,600 rpm	3,600 rpm	
Number of Stages:	1	1	1	1	
Connection (belt, gear or direct, etc.):	direct	direct	direct	direct	
Number of Hours Operated During Year:	588	588	588	588	
Bower Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	N/A				

PUMPING STATION EQUIPMENT Pom-O-Sa Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:					
Identification number, description, etc of each pump:	Booster Pump	Well #1 Pump	Well #2 Pump		
Type (displacement, centrifugal, air life, turbine, etc.):	centrifugal	centrifugal	centrifugal		
Purpose of pump (low lift, distribution, etc.):	distribution pump	well pump	well pump		
Manufacturer:	Goulds				
Rated Capacity (gallons per minute):					
Discharge Head (in feet):					
Revolutions or Strokes Per Minute:					
Number of Stages:	1	unknown	unknown		
Connection (belt, gear or direct, etc.):	direct	direct	direct		
Number of Hours Operated During Year:	Approx 365	Approx 730	0		
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Electric Baldor 7.5 HP	Electric Unknown Unknown	Electric Unknown Unknown		

PUMPING STATION EQUIPMENT Purcell Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.					
Particulars (a)	(b)	(c)	(d)	(e)	
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:	Well #2 Alba/Purcell Well Well #2 ID# for Well RAW = WL 13009 ID# for Well Treatment = TP 13009 Submersible Pump	Well #3 Park Well Well #3 ID# for Well RAW = WL 16762 ID# for Well Treatment = TP 16762 Vertical Vertica Durant = TP			
Identification number, description, etc of each pump:	Active Submersible To pull water from acquifer so it can be treated and sent to the customers of	Vertical Turbine Pump Inactive Vertical Turbine To pull water from acquifer so it can be treated and sent to the customers of			
Type (displacement, centrifugal, air life, turbine, etc.):	Purcell	Purcell			
Purpose of pump (low lift, distribution, etc.):					
Manufacturer:					
Rated Capacity (gallons per minute):	500	400			
Discharge Head (in feet):	500	400			
Revolutions or Strokes Per Minute:	60	10			
Number of Stages:					
Connection (belt, gear or direct, etc.):	DIRECT	DIRECT			
Number of Hours Operated During Year:					
<u>Power Equipment</u> Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower	Electric Submersible	Electric Vertical Turbine			
Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	NA NA NA NA	NA NA NA NA			
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	NA NA NA NA	NA NA NA NA			
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	NA NA NA NA NA NA NA	NA NA NA NA NA NA NA			

PUMPING STATION EQUIPMENT <u>Tri County District -Rankin Acres & Spring Valley Operations</u> Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.						
Particulars (a)	(b)	(c)	(d)	(e)		
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO5036147	MO5036248	MO5036248			
Identification number, description, etc of each pump:	Rankin Acres	Spring Valley Booster #1	Spring Valley Booster #2			
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Centrifugal	Centrifugal			
Purpose of pump (low lift, distribution, etc.):	Deep Well	Distribution	Distribution			
Vanufacturer:						
	Grundfos	Goulds Pumps Inc.	Goulds Pumps Inc.			
Rated Capacity (gallons per minute):	74 gpm	-	-			
Discharge Head (in feet):	-	-	-			
Revolutions or Strokes Per Minute:	3,450 rpm	3,450 rpm	3,450 rpm			
Number of Stages:		1 stage	1 stage			
Connection (belt, gear or direct, etc.):		Direct	Direct			
Number of Hours Operated During Year:		-	-			
Ever Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric Motor Franklin 15 hp	Electric Motor Franklin Electric 2hp	Electric Motor Franklin Electric 2 hp			

PUMPING STATION EQUIPMENT Redfield Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.					
Particulars (a)	(b)	(c)	(d)	(e)	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Redfield Well				
Identification number, description, etc of each pump:	001				
Type (displacement, centrifugal, air life, turbine, etc.):	Turbine				
Purpose of pump (low lift, distribution, etc.):	Distribution				
Manufacturer:	Na				
Rated Capacity (gallons per minute):	300				
Discharge Head (in feet):	104				
Revolutions or Strokes Per Minute:	Na				
Number of Stages:	NA				
Connection (belt, gear or direct, etc.):	Direct				
Number of Hours Operated During Year:	173				
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head					
Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating					

Use separate columns for each pump and associated power equipment. Use additional sheets if	PUMPING STATION EQ Tri County District - Riverside I necessary. For pumps, use only those line	Estates Operations		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO5036210		MO5036210	MO5036210 Riverside #2 Booster Distribution booster St-Rite 18 gpm
Identification number, description, etc of each pump:	Riverside Estates #2		Riverside #1 Booster	Riverside #2 Booster
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible			
Purpose of pump (low lift, distribution, etc.):	Deep Well		Distribution booster	Distribution booster
Manufacturer:	Grundfos		St-Rite	St-Rite
Rated Capacity (gallons per minute):	300 gpm		18 gpm	18 gpm
Discharge Head (in feet):	462 ft		120 feet	120 feet
Revolutions or Strokes Per Minute:	3,450 rpm			
Number of Stages:	10 stage			
Connection (belt, gear or direct, etc.):	Direct			
Number of Hours Operated During Year:				
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors:	Electric Motor Franklin 40 hp		1.5 hp	1.5 hp
Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

Use separate columns for each pump and associated power equipment. Use additional she	PUMPING STATION EC <u>Rogue Cree</u> ets if necessary. For pumps, use only those line	<u>k</u>		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Deep-well pump			
Identification number, description, etc of each pump:	Submersible pump			
Type (displacement, centrifugal, air life, turbine, etc.):	turbine			
Purpose of pump (low lift, distribution, etc.):	groundwater supply			
Manufacturer:				
Rated Capacity (gallons per minute):	25			
Discharge Head (in feet):				
Revolutions or Strokes Per Minute:				
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:				
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	N/A			
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	N/A			
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Requiret to Blow Well Pounds of Pressure Requiret a Blow Well Pounds of Pressure Requiret After Air Lift Begins Operating	N/A			

Particular Mode Dot (c) (d) (d) (d) Annual Signment drampt or decorption of mill or strate accurate drampt of works (segment of carbon parge drampt of works) parge (scontace) 503 (053 Type (scatabornemit, centrifique, at life, luthire, etc.): Schematile 503 (053 Type (scatabornemit, centrifique, at life, luthire, etc.): Delty fording 504 (053 Parses of purp (scatabornemit, centrifique, at life, luthire, etc.): Delty fording 504 (054 Rode Capacity (safetors per minute): 105 Delty fording Rode Capacity (safetors per minute): 105 Delty fording Number of Stages: 1 Considence of Stratege for Multe: Number of Stages: Number of Stages: 1 Considence of Stratege for Multe: Number of Stages: 1 Type, for how of stages: 1 Reade Stratege for Multe: Number of Stages: 1 Type, for how of stages for Multe: 105 Number of Stages: 1 Type, for how of Stages for Multe: 10 Number of Stages for Multe: 10 Type, for how of Stages for Multe: 10 Number of Stages for Multe: 10	Use separate columns for each pump and associated power equipment. Use additional sheet	PUMPING STATION EQU Tri County District - Spokan s if necessary. For pumps, use only those lines	ne Operations		
Justical preserver for Pump (slearning related in here); Number of Stages: Connection (bet, gear or direct, etc.); Number of Stages: Number of Pump (slearning, gas or oil engine, electric motor, or water turbine); Type for Pump (slearning, gas or oil engine, electric motor, or water turbine); Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Bor or Obscription Manufacturer Bor or Obscri		(b)	(c)	(d)	(e)
Justicity 401 Revolutions or Strokes Per Minute: 1 Number of Stages: 1 Connection (bet, gear or direct, etc.): 584 Number of Hours Operated During Year: 584 Notive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric Type Filectric Manufacturer Tipe (water tube, tube vertical, tube horizontal) Rated Horsepower 15 Boiler Data:: Iventification Number or Description Manufacturer Hitchini Rated Horsepower 15 Electric Generators: Iventification Number or Description Manufacturer Iventification Number or Description	Identification number or description of well or other source	5031093			
Justicity 401 Revolutions or Strokes Per Minute: 1 Number of Stages: 1 Connection (bet, gear or direct, etc.): 584 Number of Hours Operated During Year: 584 Notive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric Type Filectric Manufacturer Tipe (water tube, tube vertical, tube horizontal) Rated Horsepower 15 Boiler Data:: Iventification Number or Description Manufacturer Hitchini Rated Horsepower 15 Electric Generators: Iventification Number or Description Manufacturer Iventification Number or Description	Identification number, description, etc of each pump:	Spokane			
Duscharge read (in heel): 401 Revolutions or Strokes Per Minute: 1 Revolutions or Strokes Per Minute: 1 Connection (leit, gear or direct, etc.): 584 Number of Hours Operated During Year: 584 Stokes Per Minute: Electric Manufacturer Rated Horsepower Electric Hilechtin Hilechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin	Type (displacement, centrifugal, air life, turbine, etc.):	Submersible			
Duscharge read (in heel): 401 Revolutions or Strokes Per Minute: 1 Revolutions or Strokes Per Minute: 1 Connection (leit, gear or direct, etc.): 584 Number of Hours Operated During Year: 584 Stokes Per Minute: Electric Manufacturer Rated Horsepower Electric Hilechtin Hilechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin	Purpose of pump (low lift, distribution, etc.):	Distribution			
Duscharge read (in heel): 401 Revolutions or Strokes Per Minute: 1 Revolutions or Strokes Per Minute: 1 Connection (leit, gear or direct, etc.): 584 Number of Hours Operated During Year: 584 Stokes Per Minute: Electric Manufacturer Rated Horsepower Electric Hilechtin Hilechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin	Manufacturer:	Grounfos			
Duscharge read (in heel): 401 Revolutions or Strokes Per Minute: 1 Revolutions or Strokes Per Minute: 1 Connection (leit, gear or direct, etc.): 584 Number of Hours Operated During Year: 584 Stokes Per Minute: Electric Manufacturer Rated Horsepower Electric Hilechtin Hilechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin Hillechtin Hilechtin	Rated Capacity (gallons per minute):	105			
Number of Stages: 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Discharge Head (in feet):	401			
Connection (kelt, gear or direct, etc.): Number of Hours Operated During Year: Set Dower Faujpment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Mandacturer Type (water florsepower 15 Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (beft, gear or direct) Rated Capsers Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (beft, gear or direct) Rated Capsers Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (beft, gear or direct) Rated Capsers Identification Number or Description Manufacturer Stroke or AV Diff Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Praw-Down During Operation Part of Praw-Down During Operation Pounds of Praw-Down During Operation Pounds of Praw-Down During Operation Pounds of Praw-Down During Operation Pounds of Praw-Down During Operation Pounds of Praw-Down During Operation P	Revolutions or Strokes Per Minute:				
Number of Hours Operated During Year: 584 Power Equipment Electric Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric Type Hitachi Boiler Data: Electric Identification Number or Description 15 Boiler Data: Identification Number or Description Manufacturer Rated Horsepower Electric Generators: Identification Number or Description Manufacturer NumVergeneration Type (water tube, tube vertical, tube horizontal) Electric Generators: Identification Number or Description Identification Number or Description Manufacturer Solier Otas: Identification Number or Description Identification Number or Description Manufacturer Solier Otas: Identification Number or Description Identification Number or Description Manufacturer Solier Otas: Identification Number or Description Identification Sumber or Description Manufacturer Identification Onumber or Description Manufacturer Identification Onumber or Description Manufacturer Identification Onumber or Description	Number of Stages:	1			
Dower Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Flectric Type Manufacturer Rated Horsepower 15 Boiler Data; Identification Number or Description Manufacturer Type (water tube, tube vertical, tube vertica	Connection (belt, gear or direct, etc.):				
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Electric Type Electric Hitachi 15 Boiler Data: Iternification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Electric Generators: Iternification Number or Description Montracturer Montracturer Montracturer Size or Obscription Montracturer Baser of the structure) Rated Horsepower Electric Generators: Identification Number or Description Iternification Number or Description Montracturer Size or direct) Rated Capacity (in kilowatt-amperes) Iternification Number or Description Air Compressors: Iternification Number or Description Manufacturer Iternification Number or Description Manufa	Number of Hours Operated During Year:	584			
	Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Biow Well	Hitachi			

2022

Use separate columns for each pump and associated power equipment. Use additional sheet	<u>PUMPING STATION EC</u> <u>St. Charles Oper</u> s if necessary. For pumps, use only those lin	rations		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source				
of supply to which pump is connected:	See Pg W-17 Attachment			
Identification number, description, etc of each pump:				
Type (displacement, centrifugal, air life, turbine, etc.):				
Purpose of pump (low lift, distribution, etc.):				
Manufacturer:				
Rated Capacity (gallons per minute):				
Discharge Head (in feet):				
Revolutions or Strokes Per Minute:				
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:				
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal)				
Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)				
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

MISSOURI-AMERICAN WATER COMPANY FOR THE CALENDAR YEAR OF JANUARY 1 - DECEMBER 31, 2022 PUMPING STATION EQUIPMENT

CENTRIFUGAL PUMPS	MAKE	CAPACITY GPM		RPM	NO. STAGES	CONNECTION	SOURCE OF SUPPLY	DRIVEN BY	PURPOSE OF PUMP	HOURS PER YEAR
HARVESTER RD - PUMP #1	AURORA	2,300	50	1,550	1	DIRECT	DISTRIBUTION		Distribution Pressure	186
HARVESTER RD - PUMP #2	CORNELL	5,000	46	1,200	1	DIRECT		75 HP US ELECTRIC MOTOR	Distribution Pressure	1171
HARVESTER RD - PUMP #3	ITT A-C	4,000	75	1,780	1	DIRECT	DISTRIBUTION	1 100 HP US ELECTRIC MOTOR	Distribution Pressure	688
EHLMAN RD - PUMP #1	CORNELL	500	185	3,525	1	VARIABLE	DISTRIBUTION	40 HP BALDOR ELECTRIC MOTOR	Distribution Pressure	925
EHLMAN RD - PUMP #2	CONNELL	1,000	195	1,780	1	VARIABLE	DISTRIBUTION	I 75 HP BALDOR ELECTRIC MOTOR	Distribution Pressure	518
WELDON SPRING - PUMP #1	INGERSOLL-RAND	3,500	75	1,800	1	DIRECT		200 HP WESTINGHOUSE ELECTRIC MOTOR	Distribution Pressure	0
WELDON SPRING - PUMP #2	INGERSOLL-RAND	3,500	75	1,775	1	DIRECT		1 200 HP WESTINGHOUSE ELECTRIC MOTOR	Distribution Pressure	0
WELDON SPRING - PUMP #3	AURORA	9,600	90	1,200	1	DIRECT		1 350 HP US ELECTRIC MOTOR	Distribution Pressure	1
WELDON SPRING - PUMP #4	AURORA	500			1	DIRECT		1 20 HP US ELECTRIC MOTOR	Distribution Pressure	4118
WELDON SPRING - PUMP #5	AURORA	500			1	DIRECT	DISTRIBUTION	I 20 HP US ELECTRIC MOTOR	Distribution Pressure	3979
TOWERS RD - PUMP #1	GARDENER DENVER	2,000	95	1,750	1	DIRECT	DISTRIBUTION	60 HP CENTURY ELECTRIC MOTOR	Distribution Pressure	1224
TOWERS RD - PUMP #2	AURORA	1,600	55	1,800	1	DIRECT	DISTRIBUTION	I 30 US ELECTRIC MOTOR	Distribution Pressure	455
WHITMOOR - PUMP #1	AURORA	400	48	1,750	1	DIRECT	DISTRIBUTION	7.5 HP MARATHON ELECTRIC MOTOR	Distribution Pressure	4408
WHITMOOR - PUMP #2	AURORA	400	48	1,750	1	DIRECT	DISTRIBUTION	1 7.5 HP MARATHON ELECTRIC MOTOR	Distribution Pressure	4569
WHITMOOR - PUMP #3	PEERLESS	850	75	1,800	1	DIRECT	DISTRIBUTION	I 20 HP GE ELECTRIC MOTOR	Distribution Pressure	37
GREENS BOTTOM - PUMP #2	AURORA	5,208	260	1,800	1	DIRECT	DISTRIBUTION	A 450 HP US ELECTRIC MOTOR	Distribution Pressure	0
GREENS BOTTOM - PUMP #3	AURORA	3,472	80	1,200	1	DIRECT	DISTRIBUTION	I 100 HP US ELECTRIC MOTOR	Distribution Pressure	0
CAMELOT - PUMP #1	AURORA	70	55	3,500	1	DIRECT	DISTRIBUTION	3 HP MARATHON ELECTRIC MOTOR	Distribution Pressure	6080
CAMELOT - PUMP #2	PEERLESS	1,250	75	1,800	1	DIRECT	DISTRIBUTION	I 25 HP BALDOR ELECTRIC MOTOR	Distribution Pressure	846
CAMELOT - PUMP #3	PEERLESS	1,250	75	1,800	1	DIRECT	DISTRIBUTION	I 25 HP BALDOR ELECTRIC MOTOR	Distribution Pressure	2446
KNAUST ROAD #1	AURORA	900	70	1,750	1	DIRECT	DISTRIBUTION	20 HP US ELECTRIC MOTOR	Distribution Pressure	219
KNAUST ROAD #2 KNAUST ROAD (SPARE MOTOR)	AURORA	400	68	1,800	1	DIRECT	DISTRIBUTION	I 10 HP US ELECTRIC MOTOR 20 HP US ELECTRIC MOTOR	Distribution Pressure	8160

 St. Joseph Operations

 Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

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				(e)
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	ID # 1010714101 Alluvial Well	ID # 1010714102 Alluvial Well	ID # 1010714103 Alluvial Well	ID # 1010714104 Alluvial Well # 4 Vertical Well Vertical Turbine Pump Raw Water Pump Flowway 2600
Identification number, description, etc of each pump:	# 1 Vertical Well	# 2 Vertical Well	# 3 Vertical Well	# 4 Vertical Well
Type (displacement, centrifugal, air life, turbine, etc.):	Vertical Turbine Pump	Vertical Turbine Pump	Vertical Turbine Pump	Vertical Turbine Pump
Purpose of pump (low lift, distribution, etc.):	Raw Water Pump	Raw Water Pump	Raw Water Pump	Raw Water Pump
Manufacturer:	Flowway	Flowway	Flowway	Flowway
Rated Capacity (gallons per minute):	2600	2600	2600	2600
Discharge Head (in feet):	340	340	340	340
Revolutions or Strokes Per Minute:	1,800 RPM	1,800 RPM	1,800 RPM	1,800 RPM
Number of Stages:	4	4	4	4
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct
Number of Hours Operated During Year:	4,269	6,071	5,023	3,486
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA
Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	NA NA NA	NA NA NA	NA NA NA	NA NA NA
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Well Field # 1& 2 Caterpiller Diesel Direct 725 Each	Well Field # 1& 2 Caterpiller Diesel Direct 725 Each	Well Field # 1& 2 Caterpiller Diesel Direct 725 Each	1290 Caterpiller Diesel Direct 725 Each
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	NA NA NA NA NA NA NA	NA NA NA NA NA NA NA	NA NA NA NA NA NA NA	NA NA NA NA NA NA NA

For the calendar year of January 1 - December 31, 2022

Compai

Use separate columns for each pump and associated power equipment. Use additional she	PUMPING STATION <u>St. Joseph O</u> ets if necessary. For pumps, use only tho	perations		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	ID # 1010714105 Alluvial Well	ID # 1010714106 Alluvial Well	ID # 1010714107 Alluvial Well	
Identification number, description, etc of each pump:	# 5 Vertical Well	# 6 Vertical Well	# 7 Vertical Well	
Type (displacement, centrifugal, air life, turbine, etc.):	Vertical Turbine Pump	Vertical Turbine Pump	Vertical Turbine Pump	
Purpose of pump (low lift, distribution, etc.):	Raw Water Pump	Raw Water Pump	Raw Water Pump	
Manufacturer:	Flowway	Flowway	Flowway	
Rated Capacity (gallons per minute):	2600	2600	2600	
Discharge Head (in feet):	340	340	340	
Revolutions or Strokes Per Minute:	1,800 RPM	1,800 RPM	1,800 RPM	
Number of Stages:	4	4	4	
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	
Number of Hours Operated During Year:	1,993	1,620	1,446	
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA NA NA NA Well Field # 1& 2 Caterpiller Diesel Direct 725 Each NA NA NA NA NA NA NA NA NA NA NA NA	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA NA NA NA Well Field # 1& 2 Caterpiller Direct 725 Each NA NA NA NA NA NA NA NA NA NA NA NA	Electric Motor Vertical Pump Motor 3 phase US Motor 300 NA NA NA NA Well Field # 1& 2 Caterpiller Disesel Direct 725 Each NA NA NA NA NA NA NA NA NA NA NA NA	

Use separate columns for each pump and associated power equipment. Use additional she	<u>St. Louis County Open</u> tets if necessary. For pumps, use only those lines			
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	See Pg W-17 Attachment			
dentification number, description, etc of each pump:				
Гуре (displacement, centrifugal, air life, turbine, etc.):				
Purpose of pump (low lift, distribution, etc.):				
Manufacturer:				
Rated Capacity (gallons per minute):				
Discharge Head (in feet):				
Revolutions or Strokes Per Minute:				
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:				
Dewer Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating				

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
				CENTRA	L PLANT					
No. 9	Intake	Johnston	20,000	60	509	Elec.	U.S.	400	Intake	3,476
No. 10	Intake	Johnston	20,000	60	509	Elec.	U.S.	400	Intake	4,464
No. 11	Intake	Johnston	20,000	60	509	Elec.	U.S.	400	Intake	3,478
No. 12	Intake	Johnston	20,000	60	509	Elec.	U.S.	400	Intake	3,125
No. 13	Intake	Empty	20,000	00	509	Elec.	0.3.	400	IIIdke	5,125
No. 14	Intake	Johnston	20,000	60	509	Elec.	U.S.	400	Intake	2,971
NO. 14	IIIIake	JUNISION	20,000	00	509	Elec.	0.3.	400	IIIdke	2,971
No. 6	Filter	A-C	13,500	34	588	Elec.	A-C	150	Low Lift	0
NO. 0	2-Speed	A-0	9,000	15	392	LICC.	A-0	55	Low Lift	0
No. 7	Filter	A-C	13,500	34	588	Elec.	A-C	150	Low Lift	2,186
110.1	2-Speed	<i>N</i> -0	11,600	25	500	LICO.	7.0	100	Low Lift	2,100
No. 8	Filter	A-C	13,500	34	588	Elec.	A-C	150	Low Lift	6,011
No. 9	Filter	B-J	14,200	35	585	Elec.	G.E.	150	Low Lift	163
No. 13	Filter	A-C	10,000	25	495	Elec.	A-C	75	Low Lift	4,257
No. 14	Filter	A-C	10,000	25	495	Elec.	A-C	75	Low Lift	4,654
No. 15	Filter	A-C A-C	17,000	30	495 585	Elec.	A-C A-C	150	Low Lift	8,068
NU. 15	Filler	A-C	17,000	30	565	Elec.	A-0	150	LOW LIII	0,000
No. 1	Wash W.	Worth	1,600	60	1,750	Elec.	Wagner	30	Wash Water	Not tracked
No. 2	Wash W.	A-C	13,000	55	690	Elec.	G.E.	200	Wash Water	Not tracked
No. 3	Wash W.	F-M	3,937	60	1,185	Elec.	U.S.	75	Wash Water	Not tracked
	Sewer	Flygt	50	70	3,455	Elec.	Submer.	5	Sewer	Not tracked
	Sewer	Flygt	50	70	3,455	Elec.	Submer.	5	Sewer	Not tracked
No. 2	Sewer	Flygt	10,000	48	705	Elec.	Submer.	170	Sewer	Not tracked
No. 3	Sewer	Flygt	10,000	48	705	Elec.	Submer.	170	Sewer	Not tracked
No. 1	High Serv.	Flowserve	12,500	400	1,200	Elec.	U.S.	1,500	High Service	3,022
No. 2	High Serv.	Flowserve	12,500	400	900	Elec.	U.S.	2,250	High Service	1,071
No. 10	High Serv.	A-C	17,500	405	1,200	Elec.	G.E 2 stage	2,000	High Service	5,734
No. 11	High Serv.	Worth	11,000	405	1,200	Elec.	G.E 2 stage	1,400	High Service	3,722
No. 12	High Serv.	Worth	8,700	405	1,200	Elec.	G.E 2 stage	1,200	High Service	4,946
No. 3	High Serv.	Flowserve	5,500	400	1,200	Elec.	U.S.	1,500	High Service	4,253
No. 4	High Serv.	Flowserve	3,100	400	900	Elec.	U.S.	2,250	High Service	858
No. 5	High Serv.	Peer	8.800	405	900	Elec.	U.S.	1.000	High Service	θ

PUMP	USE	MFR.	CAPACITY	HEAD	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours			
FOMP	USE	WIFK.	gpm	(FT.)	RPIN	WOVER	WIFK.	POWER	Purpose of Pump	Hours			
	NORTH PLANT												
No. 1	Intake	Johnston	9,500	52	575	Elec.	U.S.	200	Intake	5,321			
No. 2	Intake	Peer	8,500	52	587	Elec.	U.S.	200	Intake	345			
No. 3	Intake	Peer	8,500	52	575	Elec.	G.E.	150	Intake	1,689			
No. 4	Intake	Johnston	8,500	52	575	Elec.	U.S.	150	Intake	2,322			
No. 5	Intake	I-R	14,800	54	710	Elec.	U.S.	250	Intake	1,603			
No. 6	Intake	L-B	16,000	60	711	Elec.	U.S.	300	Intake	3,055			
No. 7	Intake	L-B	16,000	60	710	Elec.	G.E.	300	Intake	3,151			
No. 8	Intake	I-R	14,800	54	711	Elec.	U.S.	250	Intake	2,064			
No. 1	High Serv.	Peer	8,333	405	Ea 1,180	Elec.	ıiba: 1st &G.E.: 2nd s	1,000	High Service	2,244			
No. 2	High Serv.	Peer	8,333	405	1,180	Elec.	ba: 1st & TECO: 2nd	1,000	High Service	1,935			
No. 3	High Serv.	Peer	8,333	405	1,180	Elec.	ba: 1st &TECO: 2nd	1,000	High Service	4,037			
No. 4	High Serv.	Peer	8,333	405	1,180	Elec.	iba: 1st &G.E.: 2nd s	1,000	High Service	1,569			
No. 7	High Serv.	I-R	7,639	405	1,185	Elec.	G.E.	1,000	High Service	696			
No. 8	High Serv.	I-R	7,639	405	1,185	Elec.	G.E.	1,000	High Service	467			
No. 9	High Serv.	I-R	7,639	405	1,185	Elec.	G.E.	1,000	High Service	2,801			
No. 10	High Serv.	I-R	7,639	405	1,185	Elec.	G.E.	1,000	High Service	1,615			
No. 11	High Serv.	I-R	7,639	405	1,185	Elec.	G.E.	1,000	High Service	1,983			
No. 12	High Serv.	I-R	TBD	270	1,180	Elec.	G.E.	700	High Service	2,115			
No. 1	Wash W.	I-R	2,000	90	1,750	Elec.	G.E.	60	Wash Water	2,501			
No. 2	Wash W.	Worth	2,000	88	1,750	Elec.	U.S.	60	Wash Water	2,603			
No. 1	Sewer	A-C	2,000	22	1,160	Elec.	A-C	15	Sewer	Not Tracked			
W.	Chem D(2)	Floway	1,430	22	880	Elec.	G.E.	15	Chemical Distribution	Not Tracked			
E.	Chem D(1)	Johnston	1,140	22	900	Elec.	U.S.	15	Chemical Distribution	Not Tracked			

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours				
				001171					· · ·					
	SOUTH PLANT													
No. 1	Intake	I-R	5,700	113	1,185	Elec.	U.S.	200	Intake	1,797				
No. 2	Intake	I-R	5,700	113	1,185	Elec.	U.S.	200	Intake	3,184				
No. 3	Intake	I-R	5,700	113	1,185	Elec.	U.S.	200	Intake	0				
No. 4	Intake	I-R	5,700	113	1,185	Elec.	U.S.	200	Intake	6,260				
No. 5	Intake	Goulds	5,300	118	1,190	Elec.	G.E variable speed	200	Intake	8,131				
No. 6	Intake	Goulds	5,300	118	1,190	Elec.	G.E.	200	Intake	1,240				
No. 7	Intake	Goulds	5,300	118	1,190	Elec.	G.E.	200	Intake	684				
No. 1	High Serv.	Worth	4,950	340	1,775	Elec.	GE	500	High Service	603				
No. 2	High Serv.	Worth	4,950	340	1,775	Elec.	U.S variable speed	500	High Service	4,997				
No. 3	High Serv.	Worth	4,950	340	1,775	Elec.	U.S.	500	High Service	1,401				
No. 4	High Serv.	Worth	4,950	340	1,775	Elec.	G.E.	500	High Service	2,165				
No. 5	High Serv.	Worth	4,950	340	1,775	Elec.	G.E.	500	High Service	551				
No. 6	High Serv.	Worth	4,950	340	1,775	Elec.	G.E.	500	High Service	3,261				
No. 7	High Serv.	Worth	4,950	340	1,775	Elec.	Siemens	500	High Service	1,789				
No. 8	High Serv.	Goulds	4,865	370	1,780	Elec.	G.E variable speed	600	High Service	6,047				
No. 1	Wash W.	I-R	2,500	91	1,770	Elec.	G.E.	75	Wash Water	1,865				
No. 2	Wash W.	I-R	2,500	91	1,770	Elec.	G.E.	75	Wash Water	1,923				
No. 1	Chem. Dist.	Johnston	1,000	15	1,150	Elec.	G.E.	8	Chemical Distribution	Not Tracked				
No. 2	Chem. Dist.	Peer 2-Sp.	3,000	8	870	Elec.	G.E 2 speed	10/4.5	Chemical Distribution	Not Tracked				

	ROSS TRANSMISSION BOOSTER STATION											
No. 1	Booster	I-R	15,000	55	690	Elec.	U.S.	250	Distribution Booster	2,056		
No. 2	Booster	I-R	15,000	55	690	Elec.	U.S.	250	Distribution Booster	1,977		
No. 3	Booster	I-R	15,000	55	690	Elec.	U.S.	250	Distribution Booster	1,344		
No. 4	Booster	I-R	2,400	80	1,160	Elec.	Toshiba	60	Distribution Booster	θ		

	PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
		002	MI IX.	9911	(11)		MOVER	Wii IV.	TOWER		nouis
					CENTRAL	PLANT 3					
	No. 1	Intelse	labratan	17,500	50	585	Elec.	U.S.	300	Intoleo	4,073
	No. 2	Intake Intake	Johnston Aurora	17,500	50 50	585	Elec.	U.S. U.S.	300 250	Intake Intake	4,073
	No. 3	Intake	Johnston	10,250	50 50	585	Elec.	U.S. West	250 150	Intake	4,186
	No. 4	Intake	Aurora	17,500	50 50	585	Elec.	U.S.	250	Intake	3,237
	No. 5	Intake	Aurora	17,500	50	585	Elec.	U.S.	250	Intake	3,497
	No. 6 No. 7	Intake Intake	Johnston	10,250	50	585	Elec.	West	150	Intake	3,552
		Intake	Aurora	17,500	50 50	585	Elec.	U.S. U.S.	250	Intake Intake	1,264
	No. 8	птаке	Layne	20,000	50	585	Elec.	0.5.	300	Intake	2,951
	No. 1	High Serv.	Johnston	6,200	375	1,180	Elec.	G.E.	700	High Service	4,028
	No. 2	High Serv.	Johnston	6,200	375	1,180	Elec.	G.E.	700	High Service	2,963
	No. 3	High Serv.	Johnston	6,200	375	1,180	Elec.	G.E.	700	High Service	2,603
	No. 4	High Serv.	Goulds	8,400	455	1,180	Elec.	S.A.	1,200	High Service	4,576
	No. 5	High Serv.	Layne	8,450	455	1,180	Elec.	U.S.	1,250	High Service	4,593
	No. 6	High Serv.	Goulds	8,400	455	1,180	Elec.	S.A.	1,200	High Service	4,475
	No. 7	High Serv.	Johnston	6,200	375	1,180	Elec.	G.E.	700	High Service	1,846
	No. 8	High Serv.	Johnston	6,200	375	1,180	Elec.	G.E.	700	High Service	2,601
	No. 9	High Serv.	Johnston	6,200	375	1,180	Elec.	G.E.	700	High Service	2,072
	No. 10	High Serv.	Layne	8,400	450	1,180	Elec.	U.S.	1,250	High Service	2,144
	No. 11	High Serv.	Layne	8,400	450	1,180	Elec.	U.S.	1,250	High Service	2,497
	No. 12	High Serv.	Layne	8,400	450	1,180	Elec.	U.S.	1,250	High Service	2,408
	No. A	High Serv.	Goulds	8,300	440	1,220	Diesel	Caterpillar	1,200	High Service	104
	No. B	High Serv.	Goulds	8,300	440	1,220	Diesel	Caterpillar	1,200	High Service	63
	No. 1	Wash W.	Worth	4,000	55	1,180	Elec.	U.S.	75	Wash Water	Not Tracked
	No. 2	Wash W.	Goulds	4,000	55	1,180	Elec.	G.E.	75	Wash Water	Not Tracked
	No. 1	Chem Dist.	Johnston	2,400	15	1,200	Elec.	G.E.	15	Chemical Distribution	Not Tracked
	No. 2	Chem Dist.	Johnston	2,400	15	1,200	Elec.	G.E.	15	Chemical Distribution	Not Tracked
	No. 3	Chem Dist.	Johnston	2,400	15	1,200	Elec.	West	15	Chemical Distribution	Not Tracked
	No. 4	Chem Dist.	Johnston	2,400	15	1,170	Elec.	G.E.	15	Chemical Distribution	Not Tracked
1	No. 1	Sewer	Flygt	10,000	48	705	Elec.	Submersible	170	Sewer	Not Tracked
	No. 1	Sewer		10,000	48	705	Elec.	Submersible	170	Sewer	Not Tracked
	INU. I	Sewer	Flygt	10,000	40	705	Elec.	Submersible	170	Sewer	NOT TACKED
	No. 1	" Recirculator	Johnston	400	20	1,200	Elec.	West	3	Circulation	Not Tracked
1	No. 2	" Recirculator	Johnston	400	20	1,200	Elec.	West	11	Circulation	Not Tracked

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
				MERAME	C PLANT					
No. 1	Intake	Johnston	8,200	98	885	Elec.	G.E.	300	Intake	2,924
No. 2	Intake	Johnston	8,200	98	885	Elec.	U.S.	300	Intake	4,456
No. 3	Intake	Johnston	8,200	98	885	Elec.	G.E.	300	Intake	1,981
No. 4	Intake	I-R	8,200	95	1,190	Elec.	G.E.	300	Intake	1,227
No. 5	Intake	I-R	8,200	95	1,190	Elec.	G.E.	300	Intake	3,379
No. 6	Intake	I-R	8,200	95	1,190	Elec.	G.E.	300	Intake	1,187
			-,		.,					.,
No. 1	Wash W.	A.C.	1,200	70	1,750	Elec.	A.C.	25	Wash Water	1,782
No. 2	Wash W.	A.C.	820	60	1,750	Elec.	A.C.	15	Wash Water	1,945
No. 3	Wash W.	Goulds	1,150	50	1,760	Elec.	S.A.	25	Wash Water	1,802
										,
No. 1	Chem Dist.	Johnston	1,000	15	1,150	Elec.	G.E.	8	Chemical Distribution	Not Tracked
No. 2	Chem Dist.	Johnston	1,000	15	1,150	Elec.	G.E.	8	Chemical Distribution	Not Tracked
No. 3	Chem Dist.	Johnston	1,000	15	1,150	Elec.	G.E.	8	Chemical Distribution	Not Tracked
No. 4	Chem Dist.	Goulds	1,000	15	1,170	Elec.	G.E.	8	Chemical Distribution	Not Tracked
			0.000	0.40	1 100		0.5	000		4 770
No. 1	High Serv.	Johnston	2,800	340	1,180	Elec.	G.E.	300	High Service	1,772
No. 2	High Serv.	Johnston	2,800	340	1,180	Elec.	G.E.	300	High Service	1,283
No. 3	High Serv.	Johnston	2,800	340	1,180	Elec.	G.E.	300	High Service	912
No. 4	High Serv.	Johnston	2,800	340	1,180	Elec.	G.E.	300	High Service	2,013
No. 5	High Serv.	Johnston	2,950	340	1,180	Elec.	G.E.	300	High Service	1,825
No. 6	High Serv.	Johnston	2,950	340	1,180	Elec.	G.E.	300	High Service	2,558
No. 7	High Serv.	Johnston	2,950	340	1,180	Elec.	G.E.	300	High Service	2,404
No. 8	High Serv.	Johnston	2,950	340	1,180	Elec.	G.E.	300	High Service	2,090
No. 9	High Serv.	I-R	2,950	340	1,180	Elec.	U.S.	300	High Service	2,334
No. 10	High Serv.	I-R	2,950	340	1,180	Elec.	U.S.	300	High Service	2,339
No. 11	High Serv.	I-R	2,950	340	1,180	Elec.	U.S.	300	High Service	4,405
No. 12	High Serv.	I-R	2,950	340	1,180	Elec.	U.S.	300	High Service	1,332
No. 13	High Serv.	I-R	2,950	340	1,180	Elec.	G.E.	300	High Service	2,198
No. 14	High Serv.	I-R	2,950	340	1,180	Elec.	U.S.	300	High Service	1,986
No. 15	High Serv.	I-R	2,950	340	1,180	Elec.	G.E.	300	High Service	1,942
No. 16	High Serv.	I-R	2,950	340	1,180	Elec.	G.E.	300	High Service	2,013

			LACKLAN	ND TRANSMIS	SION BOOSTE	R STATION				
No. 1	Booster	Peer	8.800	100	900	Diesel	G-M	260	Distribution Booster	0
No. 2	Booster	Peer	8,800	100	900	Diesel	G-M	260	Distribution Booster	0
No. 3	Booster	Peer	8,800	100	900	Diesel	G-M	260	Distribution Booster	0
No. 4	Booster	Peer	8,800	100	900	Diesel	G-M	260	Distribution Booster	0

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
				STRATMA	N STATION					
No. 1	Booster	Patterson	9,722	109	705	Elec.	U.S. Motor	350	Distribution Booster	3,625
No. 2	Booster	Patterson	9,722	109	705	Elec.	U.S. Motor	350	Distribution Booster	3,606
No. 3	Booster	Patterson	9,722	109	705	Elec.	U.S. Motor	350	Distribution Booster	3,669
No. 4	Booster	Patterson	9,722	109	705	Elec.	U.S. Motor	350	Distribution Booster	3,500
No. 5	Booster	Patterson	9,722	109	705	Elec.	U.S. Motor	350	Distribution Booster	3,523
No. 6	Booster	Patterson	9,722	109	705	Elec.	U.S. Motor	350	Distribution Booster	3,603

			НС	OG HOLLOW B	OOSTER STAT	ION				
No. 1	Booster	F-M	6,950	200	1,780	Elec.	TICO	450	Distribution Booster	155
No. 2	Booster	F-M	6,950	200	1,780	Elec.	TICO	450	Distribution Booster	92
No. 3	Booster	F-M	6,950	200	1,780	Elec.	TICO	450	Distribution Booster	139
No. 4	Booster	F-M	6,950	200	1,780	Elec.	TICO	450	Distribution Booster	291

			ADD	ITIONAL DIST	RIBUTION STAT	TIONS				
AFTN No. 1	Booster	A.C.	2,500	100	1,770	Elec.	A.C.	75	Distribution Booster	43
AFTN No. 2	Booster	A.C.	2,500	100	1,770	Elec.	A.C.	75	Distribution Booster	1,16
AFTN No. 3	Booster	A.C.	2,500	100	1,770	Elec.	A.C.	75	Distribution Booster	1,16
AFTN No. 4	Booster	A.C.	2,500	100	1,770	Elec.	A.C.	75	Distribution Booster	1,3
AFTN No. 5	Booster	A.C.	2,500	97	1,770	Elec.	A.C.	75	Distribution Booster	
AFTN No. 6	Booster	A.C.	2,500	97	1,770	Elec.	A.C.	75	Distribution Booster	
AIRP No. 1	Booster	A.C.	3,850	103	1,770	Elec.	Siemens	125	Distribution Booster	2,4
AIRP No. 2	Booster	A.C.	3,850	103	1,770	Elec.	Toshiba	125	Distribution Booster	2,3
AIRP No. 3	Booster	F-M	5,900	132	1,770	Elec.	Emerson	250	Distribution Booster	26
BXBS No. 1	Booster	Franklin	3,250	53	1,200	Elec.	ODP	75	Distribution Booster	29
BXBS No. 2	Booster	Franklin	3,250	53	1,200	Elec.	ODP	60	Distribution Booster	60
BXBS No. 3	Booster	Weinman	2,500	150	1,750	Elec.	U.S	125	Distribution Booster	3
BXBS No. 4	Booster	Franklin	3,250	53	1,200	Elec.	ODP	75	Distribution Booster	30
BXTK No. 1	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	1,0
BXTK No. 2	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	1,2
BXTK No. 3	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	1,2
BXTK No. 4	Booster	Weinman	2,200	150	1,770	Elec.	U.S.	150	Distribution Booster	1,1
BOHM No. 1	Booster	I-R	2,500	95	1,770	Elec.	G.E.	75	Distribution Booster	(
BOHM No. 2	Booster	I-R	2,500	95	1,770	Elec.	G.E.	75	Distribution Booster	(
BOHM No. 3	Booster	I-R	2,500	95	1,770	Elec.	G.E.	75	Distribution Booster	0
BOHM No. 4	Booster	I-R	2,500	95	1,770	Elec.	G.E.	75	Distribution Booster	(
CARM No. 1	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	16
CARM No. 2	Booster	A.C	2,500	140	1,770	Elec.	Marathon	125	Distribution Booster	1,2
CARM No. 3	Booster	A.C	2,500	140	1,770	Elec.	U.S.	125	Distribution Booster	1,0
CARM No. 4	Booster	A.C	2,500	140	1,770	Elec.	U.S.	125	Distribution Booster	1,1

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
CHRY No. 1	Booster	F-M	2,000	113	1,770	Elec.	Lincoln	75	Distribution Booster	840
CHRY No. 2	Booster	F-M	2,000	113	1,770	Elec.	Lincoln	75	Distribution Booster	967
CHRY No. 3	Booster	F-M	2,000	113	1,770	Elec.	Lincoln	75	Distribution Booster	944
CHRY No. 4	Booster	F-M	2,000	113	1,770	Elec.	Lincoln	75	Distribution Booster	944
CHINT NO. 4	DOOSIEI	1 -101	2,000	115	1,770	LIEC.	LINCOIN	75	Distribution Dooster	905
CFLD No. 1	Booster	Aurara	4,500	170	1,775	Elec.	Emerson	250	Distribution Booster	4,673
CFLD No. 2	Booster	F-M	7,000	230	1,785	Elec.		500	Distribution Booster	1
CFLD No. 3	Booster	Aurara	4,500	170	1,775	Elec.	Emerson	250	Distribution Booster	4,203
CLAM No. 1	Booster	Weinmann	2,800	94	1,770	Elec.	U.S.	100	Distribution Booster	1.427
CLAM No. 2	Booster	Weinmann	2,800	94	1,770	Elec.	U.S.	100	Distribution Booster	1,436
GLAWINO. 2	BOOSIEI	Weininann	2,800	94	1,770	Elec.	0.3.	100	Distribution Booster	1,430
CLAT No. 1	Booster	A.C.	2,050	150	1,770	Elec.	A.C.	100	Distribution Booster	684
CLAT No. 2	Booster	A.C.	2,050	150	1,770	Elec.	A.C.	100	Distribution Booster	654
CLAT No. 3	Booster	A.C.	2,050	150	1,770	Elec.	A.C.	100	Distribution Booster	643
CLAT No. 4	Booster	A.C.	2,050	150	1,770	Elec.	A.C.	100	Distribution Booster	562
FEFE No. 1	Booster	A.C.	2,900	175	1,770	Elec.	A.C.	150	Distribution Booster	550
			,		,					
FEFE No. 2	Booster	A.C.	2,900	175	1,770	Elec.	A.C.	150	Distribution Booster	542
FEFE No. 3	Booster	A.C.	2,900	175	1,770	Elec.	A.C.	150	Distribution Booster	585
FEFE No. 4	Booster	A.C.	2,900	175	1,770	Elec.	A.C.	150	Distribution Booster	539
FLOR No. 1	Booster	Fairbanks	2,100	160	1,800	Elec.	U.S.	125	Distribution Booster	335
FLOR No. 2	Booster	Fairbanks	2,100	160	1,800	Elec.	U.S.	125	Distribution Booster	340
FLOR No. 3	Booster	Fairbanks	2,100	160	1,800	Elec.	U.S.	125	Distribution Booster	335
FLOR No. 4	Booster	Peer	2,100	205	1,780	Elec.	Lincoln	150	Distribution Booster	0
	D	10	0.400	045	4 770	-		450		0
FOER No. 1	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	0
FOER No. 2	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	0
FOER No. 3	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	0
FOER No. 4	Booster	A.C.	2,100	215	1,770	Elec.	A.C.	150	Distribution Booster	0
GRVR No. 1	Booster	Aurora	750	50	1,760	Elec.	Marathon	15	Distribution Booster	746
GRVR No. 2	Booster	Aurora	750	50	1,760	Elec.	Marathon	15	Distribution Booster	1,218
	Dooster	Adrona	100	00	1,700	Eleo.	Marathon	10	Distribution Dooster	1,210
HAWK No. 1	Booster	A.C.	2,400	1,400	1,775	Elec.	U.S.	100	Distribution Booster	357
HAWK No. 2	Booster	A.C.	2,400	1,400	1,775	Elec.	A.C.	100	Distribution Booster	47
HAWK No. 3	Booster	Cornell	2,275	85	1,775	Elec.	U.S	60	Distribution Booster	1,942
	Depoter	A C	2 800	140	1 770	ГIee	A.C.	125	Distribution Depater	0
HAZL No. 1	Booster Reporter	A.C.	2,800 2,800	140	1,770 1,770	Elec.	A.C. A.C.	125 125	Distribution Booster	0
HAZL No. 2	Booster	A.C.		140	1,770	Elec.			Distribution Booster	0
HAZL No. 3	Booster	A.C.	2,800	140	1,770	Elec.	U.S.	125	Distribution Booster	1,331
HAZL No. 4	Booster	A.C.	2,800	140	1,770	Elec.	U.S.	125	Distribution Booster	1,304
HAZL No. 5	Booster	A.C.	3,400	130	1,770	Elec.	U.S.	125	Distribution Booster	209
HAZL No. 6	Booster	A.C.	3,400	130	1,770	Elec.	U.S.	125	Distribution Booster	197
KEHR No. 1	Booster	Franklin	2,800	77	1,750	Elec.	ODP	75	Distribution Booster	376
KEHR No. 2	Booster	Franklin	2,800	77	1,750	Elec.	ODP	75	Distribution Booster	702
KEHR No. 3	Booster	Franklin	2,800	77	1,750	Elec.	ODP	75	Distribution Booster	610
KEHR No. 4	Booster	Franklin	2,800	77	1,750	Elec.	ODP	75	Distribution Booster	609
LIND No. 1	Booster	Flowserve	8,800	100	1,185	Elec.	Tatung	250	Distribution Booster	740
MISSOURI-AMERICAN WATER COMPANY FOR THE YEAR ENDED DECEMBER 31, 2022 PUMPING STATION EQUIPMENT

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
LUCS No. 1	Booster	Cornell	2,100	136	1,780	Elec.	U.S.	100	Distribution Booster	626
LUCS No. 2	Booster	Cornell	2,100	136	1,780	Elec.	U.S.	100	Distribution Booster	276
MEHL No. 1	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	693
MEHL No. 2	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	741
MEHL No. 3	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	670
MEHL No. 4	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	562
NORW No. 1	Booster	A.C.	2,400	140	1,770	Elec.	A.C.	100	Distribution Booster	446
NORW No. 2	Booster	A.C.	2,400	140	1,770	Elec.	A.C.	100	Distribution Booster	335
NORW No. 3	Booster	A.C.	2,400	140	1,770	Elec.	A.C.	100	Distribution Booster	456
NORW No. 4	Booster	A.C.	2,400	140	1,770	Elec.	U.S.	100	Distribution Booster	582
OAKV No. 1	Booster	Aurora	1,200	106	1,750	Elec.	WEG	50	Distribution Booster	795
OAKV No. 2	Booster	Aurora	1,200	106	1,750	Elec.	WEG	50	Distribution Booster	295
OAKV No. 3	Booster	A.C.	1,020	95	1,775	Elec.	U.S.	40	Distribution Booster	1,481
OHLF No. 1	Pasatar	VV/arth	2,500	155	1,780	Floo	U.S.	125	Distribution Booster	961
-	Booster	Worth				Elec.				
OHLF No. 2	Booster	Worth	2,500	155	1,780	Elec.	U.S.	125	Distribution Booster	942
OHLF No. 3	Booster	Worth	2,500	155	1,780	Elec.	U.S.	125	Distribution Booster	940
OHLF No. 4	Booster	Worth	2,500	155	1,780	Elec.	Lincoln	125	Distribution Booster	951
PDVB No. 1	Booster	Goulds	235	180	1,765	Elec.	Baldor	20	Distribution Booster	1,386
PDVB No. 2	Booster	Goulds	235	180	1,765	Elec.	Baldor	20	Distribution Booster	610
PDVT No. 1	Booster	Peer	300	60	1,760	Elec.	WEG	7.5	Distribution Booster	6,939
PRIN No. 1	Booster	A.C.	5,500	67	1,185	Elec.	S-A	125	Distribution Booster	606
PRIN No. 2	Booster	A.C.	5,500	67	1,185	Elec.	S-A	125	Distribution Booster	601
REMO No. 1	Booster	Peer	70	116	1,750	Elec.	U.S.	40.0	Distribution Booster	1
REMO No. 2	Booster	Aurora	700	157	1,770	Elec.	Marathon	7.5	Distribution Booster	57
REMO No. 3	Booster	I-R	1,000	116	1,800	Elec.	U.S.	50	Distribution Booster	1
RKHL No. 1	Booster	Peer	6.000	105	1.780	Elec.	U.S.	200	Distribution Booster	192
RKHL No. 2	Booster	Peer	6,000	105	1,780	Elec.	Lincoln	200	Distribution Booster	182
ROSE No. 1	Booster	Mueller	1,400	135	1.760	Elec.	Baldor	75	Distribution Booster	0
ROSE No. 2	Booster	Mueller	1,400	135	1,760	Elec.	Baldor	75	Distribution Booster	0
ROSE No. 2 ROSE No. 3	Booster	Mueller	1,000	135	1,760	Elec.	Baldor	50	Distribution Booster	0
ROSE No. 3 ROSE No. 4	Booster	Mueller	1,000	135	1,760	Elec.	Baldor	50	Distribution Booster	0
	Desete		0.500	04	4 770	F 1	0.5	75		4 000
SAPP No. 1	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	1,099
SAPP No. 2	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	1,133
SAPP No. 3	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	1,133
SAPP No. 4	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	1,125
STRK No. 1	Booster	Fairbanks	5,800	120	1,785	Elec.	Reliance	250	Distribution Booster	2,926
STRK No. 2	Booster	Fairbanks	5,800	120	1,800	Elec.	Tatung	200	Distribution Booster	100
TLFR No. 1	Booster	Peer	1,040	105	1,775	Elec.	G.E.	40	Distribution Booster	88
TLFR No. 2	Booster	Peer	1,040	105	1,775	Elec.	G.E.	40	Distribution Booster	103
TESN No. 1	Booster	A.C.	2,500	92	1,770	Elec.	A.C.	75	Distribution Booster	1,313

MISSOURI-AMERICAN WATER COMPANY FOR THE YEAR ENDED DECEMBER 31, 2022 PUMPING STATION EQUIPMENT

PUMP	USE	MFR.	CAPACITY gpm	HEAD (FT.)	RPM	PRIME MOVER	MFR.	HORSE POWER	Purpose of Pump	Hours
TESN No. 2	Booster	A.C.	2,500	92	1,770	Elec.	A.C.	75	Distribution Booster	1,280
TESN No. 3	Booster	A.C.	2,500	92	1,770	Elec.	A.C.	75	Distribution Booster	1,062
TESN No. 4	Booster	A.C.	2,500	92	1,770	Elec.	A.C.	75	Distribution Booster	1,063
VLLY No. 1	Booster	Mueller	2,800	94	1,770	Elec.	U.S.	100	Distribution Booster	4
VLLY No. 2	Booster	Weinmann	2,800	94	1,770	Elec.	U.S.	100	Distribution Booster	1
VLLY No. 3	Booster	Weinmann	3,750	135	1,780	Elec.	U.S.	200	Distribution Booster	1
VLLY No. 4	Booster	Weinmann	3,750	135	1,780	Elec.	U.S.	200	Distribution Booster	18
VLGV No. 1	Booster	Peer	1,000	50	1,770	Elec.	Baldor	20	Distribution Booster	4,438
VLGV No. 2	Booster	Peer	1,000	50	1,770	Elec.	Baldor	20	Distribution Booster	4,094
WALT. No. 1	Booster	Aurora	2,011	112	1,800	Elec.	WEG	75	Distribution Booster	558
WALT. No. 2	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	557
WALT. No. 3	Booster	I-R	2,500	91	1,770	Elec.	G.E.	75	Distribution Booster	566
WALT. No. 4	Booster	Aurora	2,011	112	1,800	Elec.	WEG	75	Distribution Booster	587
WARS. No. 1	Booster	Peer	6,000	105	1,780	Elec.	Lincoln	200	Distribution Booster	193
WARS. No. 2	Booster	Peer	6,000	105	1,780	Elec.	Lincoln	200	Distribution Booster	192
WILD No. 1	Booster	Layne	480	118	1,760	Elec.	U.S.	30	Distribution Booster	2,147
WILD No. 2	Booster	Layne	480	118	1,760	Elec.	U.S.	30	Distribution Booster	355

PUMPING STATION EQUIPMENT <u>Tri County District - Stonebridge Operations</u> Jee separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)						
Particulars (a)	(b)	(c)	(d)	(e)		
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO5031086	MO5031086	MO5031086	MO5031086 #2 Booster Distribution booster Goulds		
Identification number, description, etc of each pump:	Forest Lake Well #2	Stonebridge Well #1	#1 Booster	#2 Booster		
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible				
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well	Distribution booster	Distribution booster		
Manufacturer:	Grundfos	Grundfos	AY Mcdonald	Goulds		
Rated Capacity (gallons per minute):	320	480				
Discharge Head (in feet):	705	780				
Revolutions or Strokes Per Minute:						
Number of Stages:	18	10				
Connection (belt, gear or direct, etc.):		Direct				
Number of Hours Operated During Year:						
Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric Motor Hitachi 75	Electric Motor Franklin 125	Electric Motor Emerson	Electric Motor Emerson		

PUMPING STATION EQUIPMENT Tri County District - Stonebridge Operations

Table Rock Estates Operations ise separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Image: Column State Col							
Particulars (a)	(b)	(c)	(d)	(e)			
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:							
Identification number, description, etc of each pump:	TRE Well 1	TRE Well 2					
ype (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible					
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well					
Manufacturer:	Groundfos	Groundfos					
Rated Capacity (gallons per minute):	35 GPM	35 GPM					
Discharge Head (in feet):							
Revolutions or Strokes Per Minute:							
Number of Stages:							
Connection (belt, gear or direct, etc.):							
Number of Hours Operated During Year:							
Power Equipment Notive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Molive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Stroke	Electric Franklin 2hp	Electric Franklin Shp					
Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating							

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PUMPING STATION EQUIPMENT <u>Tri County District - Tri-State Operations</u> se separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.						
Particulars (a)	(b)	(c)	(b)	(e)		
<u>Pumping Equipment</u> ntification number or description of well or other source supply to which pump is connected:	5024601104	5024601105				
ntification number, description, etc of each pump:	Well #4	Well #5	Well #6			
pe (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible	Submersible			
rpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution			
nufacturer:	Grundfos	Goulds	Grundfos			
ted Capacity (gallons per minute):	700	871	1000			
charge Head (in feet):	708	904				
volutions or Strokes Per Minute:						
mber of Stages:	7	6	6			
nnection (belt, gear or direct, etc.):						
mber of Hours Operated During Year:						
tive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower lier Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower ctric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	Electric Franklin 150 Hp	Electric Hitachi 250 Hp	Electric Hitachi 250 Hp			

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PUMPING STATION EQUIPMENT

PUMPING STATION EQUIPMENT Wardsville Ise separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.						
Particulars (a)	(b)	(c)	(d)	(e)	Company Name	
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well 1	Well 2	Booster 1	Booster 2	Missouri-American Water Company	
Identification number, description, etc of each pump:	Webtrol WS300500-14	WS3005004C3	Ser No. C1010110688	Ser No. C1010110693	ıri-Am	
Type (displacement, centrifugal, air life, turbine, etc.):	submersible turbine centrifugal	submersible turbine centrifugal	centrifugal	centrifugal	ierica	
Purpose of pump (low lift, distribution, etc.):	dist.	ground storage	dist	dist.	n Wa	
Manufacturer:	Franklin	Franklin	Aurora	Aurora	ter C	
Rated Capacity (gallons per minute):	300 GPM	300 GPM	300GPM	300GPM	ompa	
Discharge Head (in feet):					iny	
Revolutions or Strokes Per Minute:	1,725	1,725	1,725	1,725		
Number of Stages:	1	1	1	1		
Connection (belt, gear or direct, etc.):	direct 3000	direct 3000	direct 1500	direct 1500		
Number of Hours Operated During Year:	3000	3000	1500	1500		
Power for Power for Power (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Commection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	electric water turbine Franklin 50 N/A N/A	electric water turbine Franklin 50 N/A Booster Station Generator Kohler 150 Model No. 150REOZJD Ser No. 2288052	electric motor Baldor 50 N/A Booster Station Generator Kohler 150 Model No. 150REOZJD Ser No. 2288052	electric motor Baldor 50 N/A Booster Station Generator Kohier 150 Model No. 150REOZJD Ser No. 2288052		

For the calendar year of January 1 - December 31, 2022

Company Name Missouri-American Water Company

For the calendar year of January 1 - December 31, 2022

PUMPING STATION EQUIPMENT

Use separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit.

Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:		Warren County Booster Pump #2 Tank	Warren County Booster Pump #3 Tank	Warren County Well Pump Groundwater
Identification number, description, etc of each pump:				
Type (displacement, centrifugal, air life, turbine, etc.):				
Purpose of pump (low lift, distribution, etc.):	Back up pump	Back up pump	Back up pump	Primary well pump
Manufacturer:	Gould Model	Gould Model	Gould Model	Grundfos
Rated Capacity (gallons per minute):	132	132	132	260
Discharge Head (in feet):	70 TDH	70 TDH	70 TDH	450 TDH
Revolutions or Strokes Per Minute:	3,600	3,600	3,600	3,450
Number of Stages:	1	1	1	10
Connection (belt, gear or direct, etc.):	Variable Speed	Variable Speed	Variable Speed	
Number of Hours Operated During Year:	0	0	0	1887
Bower Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating	TESC Motors	Electric TESC Motors 10 HP	Electric TESC Motors 10 HP	Electric Franklin 40 HP

PUMPING STATION EQUIPMENT

PUMPING STATION EQUIPMENT Warrensburg Operations						
Particulars (a)	(b)	(c)	(d)	(e)	Company Name	
Pumping Equipment Identification number or description of well or other source of supply to which pump is connected:	Well #5	Well #6	Well #7	Well #8	Missouri-American Water Company	
Identification number, description, etc of each pump:	9THC-7	8000S750	1100S1000-3AA	1100S1000-3AA	i-Am	
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal	Centrifugal	Centrifugal	Centrifugal	erica	
Purpose of pump (low lift, distribution, etc.):	Well/Production	Well/Production	Well/Production	Well/Production	n Wat	
Manufacturer:	Goulds	Goulds	Grungfros	Grundfos	ter Co	
Rated Capacity (gallons per minute):	750	800	1,120	1,100	ompa	
Discharge Head (in feet):	260	289	288	250	iny	
Revolutions or Strokes Per Minute:	1,770	3,510	3,510	3,510		
Number of Stages:	7	8	3	3		
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct		
Number of Hours Operated During Year:	1,856.01	2,655.98	3,061.89	3,276.40		
Power Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric US 75 Plant Model SR4B Caterpillar Diesel Direct 480 VAC 3 Phase 350 KVA	Electric GE 75	Electric Hitachi 100	Electric US 75		

PUMPING STATION EQUIPMENT Warrensburg Operations Jse separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Image: Column State Column						
Particulars (a)	(b)	(c)	(d)	(e)		
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	Well #9					
Identification number, description, etc of each pump:	11CS1C					
Type (displacement, centrifugal, air life, turbine, etc.):	Centrifugal					
Purpose of pump (low lift, distribution, etc.):	Well/Production					
Manufacturer:	Goulds					
Rated Capacity (gallons per minute):	1,100					
Discharge Head (in feet):	215					
Revolutions or Strokes Per Minute:	3,510					
Number of Stages:	1					
Connection (belt, gear or direct, etc.):	Direct					
Number of Hours Operated During Year:	3,194.85					
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Electric Centri-Pro 75 Model 200REOZJF Kohler Diesel Direct 200 KW/250 KVA 60HZ 277/480V, Wye	2. 3ph 4w				
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating						

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PUMPING STATION EQUIPMENT

PUMPING STATION EQUIPMENT Warrensburg Operations Jase separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)						
Particulars (a)	(b)	(c)	(d)	(e)		
<u>Pumping Equipment</u> dentification number or description of well or other source of supply to which pump is connected:	High Service Pump Room					
dentification number, description, etc of each pump:	Distribution Pump #1	Distribution Pump #2	Distribution Pump #3	Distribution Pump #4		
「ype (displacement, centrifugal, air life, turbine, etc.):	Vertical Turbine	Vertical Turbine	Vertical Turbine	Vertical Turbine		
Purpose of pump (low lift, distribution, etc.):	Distribution	Distribution	Distribution	Distribution		
Manufacturer:	National	National	National	Floway		
Rated Capacity (gallons per minute):	1,600	1,600	1,600	1,600		
Discharge Head (in feet):	215	215	215	215		
Revolutions or Strokes Per Minute:	1,800	1,800	1,800	1,775		
Number of Stages:	6	6	6	4		
Connection (belt, gear or direct, etc.):	Direct	Direct	Direct	Direct		
Number of Hours Operated During Year:	2,151.20	2,788	3,025	667		
Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower	US 150	150	US 150	US 150		
Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes)	Plant Generator same as Well #5 Plant Model SR4B Caterpillar Diseel Direct 480 VAC 3 Phase 350 KVA	Plant Generator same as Well #5 Plant Model SR4B Caterpillar Diesel Direct 480 VAC 3 Phase 350 KVA	Plant Generator same as Well #5 Plant Model SR4B Caterpillar Diesel Direct 480 VAC 3 Phase 350 KVA	Plant Generator same as Well #5 Plant Model SR4B Caterpillar Diesel Direct 480 VAC 3 Phase 350 KVA		
Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating						

PUMPING STATION EQUIPMENT Whitebranch Operations lese separate columns for each pump and associated power equipment. Use additional sheets if necessary. For pumps, use only those lines applicable to the unit. Particulars (a) (b) (c) (d) (e)						
Particulars (a)	(b)	(c)	(d)	(e)		
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:	MO3036113	MO3036113				
Identification number, description, etc of each pump:	Whitebranch #1	Whitebranch #5				
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible				
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well				
Manufacturer:	Grundfos					
Rated Capacity (gallons per minute):	200 gpm	11 gpm				
Discharge Head (in feet):	294'					
Revolutions or Strokes Per Minute:	3,450 rpm					
Number of Stages:	5	1				
Connection (belt, gear or direct, etc.):						
Number of Hours Operated During Year:	607	No meter				
Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Sizber of Stroke Sizber of Lift Head (in feet when not pumping)	Engine Franklin 20 hp 50REOZJD Kohler Direct 204 Amperes					
Estimated Average Draw-Down During Operation Pounds of Pressure Required to Blow Well Pounds of Pressure Required After Air Lift Begins Operating						

Use separate columns for each pump and associated power equipment. Use additional shee		n d Manor nose lines applicable to the unit.		
Particulars (a)	(b)	(c)	(d)	(e)
<u>Pumping Equipment</u> Identification number or description of well or other source of supply to which pump is connected:				
Identification number, description, etc of each pump:	Woodland Manor Well 2	Woodland Manor Well 3		
Type (displacement, centrifugal, air life, turbine, etc.):	Submersible	Submersible		
Purpose of pump (low lift, distribution, etc.):	Deep Well	Deep Well		
Manufacturer:	Groundfos	Groundfos		
Rated Capacity (gallons per minute):	50 gpm	150 gpm		
Discharge Head (in feet):				
Revolutions or Strokes Per Minute:				
Number of Stages:				
Connection (belt, gear or direct, etc.):				
Number of Hours Operated During Year:				
Dever Equipment Motive Power for Pump (steam, gas or oil engine, electric motor, or water turbine): Type Manufacturer Rated Horsepower Boiler Data: Identification Number or Description Manufacturer Type (water tube, tube vertical, tube horizontal) Rated Horsepower Electric Generators: Identification Number or Description Manufacturer Motive Power (steam, gas or oil, hydraulic) Connection (belt, gear or direct) Rated Capacity (in kilowatt-amperes) Air Compressors: Identification Number or Description Manufacturer Bore or Stroke Size or Air Discharge Head Submergence of Air Lift Head (in feet when not pumping) Estimated Average Draw-Down During Operation Pounds of Pressure Required After Air Lift Begins Operating	Electric Unknown 5 hp	Electric Hitachi 15HP		

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For the calendar year of January 1 - December 31, 2022

PUMPING STATION EQUIPMENT

		Anna Meadows	Operations			^o
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Name:
3	Franklin motor on Grundfos pump - Submersible well pump	380 gpm	2006	N/A	N/A	
4						Missou
5						ıri-Am
6						merican
7						Water
8						
9						Company
10						
11 12						

PUMPS

WELLS

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep Well #1			
15	Year Constructed	2006			
16	Type of Construction	Rock Hole			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	1,540 ft depth; 12 inch diameter			
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None			
21	Туре -				
) 22	Cost -				
23	Quantity -				

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	PUMPS Brunswick Operations									
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement					
3	Well 1 - Webtrol 3 stage submersible	180	September 9, 1951	March 16, 2016	March 23, 2022					
4	Well 2 - Webtrol 3 stage submersible	180	November 3, 1951	October 21, 2016	March 6, 2020					
5	Well 3 - Sulzer 3 stage submersible	368	July 21, 1982	April 16, 2007	April 16, 2007					
6	High Service #1 - Layne 7CHC 10 stage	221	April 17, 1952	March 16, 2005	March 16, 2005					
7	High Service #2 - Layne 8RKLC 11 stage	216	April 17, 1952	December 23, 2015	June 15, 1988					
8	High Service #3 - Layne 8RKLC 11 stage	237	April 24, 1989	April 24, 1989	April 24, 1989					
9										
10										
11										
12										

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Shallow #1	Shallow #2	Shallow #3	
15	Year Constructed	1951	1951	1982	
16	Type of Construction	Drilled	Drilled	Drilled	
17	Type of Casing	•		25 ft SS wirewound screen 68 ft steel casing	
18		62 ft x 12 in. relined w/10 inch	65 ft 7in X 12 in relined w/10 inch	93 ft X 16 inch	
19	Yield of Well in Gallons per day	259,200	259,200	529,920	
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	N/A	N/A	N/A	
21	Туре -				
22	Cost -				
23	Quantity -				

For the calendar year of January 1 - December 312022

PUMPS
Tri County District - Emerald Pointe Operations

	Tri County District - Emerald Pointe Operations							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan		
3	Emerald Pointe Well 1	300 gpm	11/04/14	2021	2021	ne:		
4	Emerald Pointe Well 2	500 gpm	02/16/18			Misso		
5						uri-An		
6						merica		
7						in Wate		
8						1		
9						company		
10						Ÿ		
11								
12								

13		Emeral Pointe		Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep		
15	Year Constructed	1994	2018		
16	Type of Construction	Drilled	Drilled		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	1500' x 12"	1500' x 12"		
19	Yield of Well in Gallons per day	432,000	720,000		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine	Liquid Chlorine		
22	Cost -				
23	Quantity -	541 lbs	541 lbs		

For the calendar year of January 1 - December 312022

	PUMPS Eureka Operations								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan			
3	See Attached (Pg W-18 Eureka)					ne: N			
4						Missou			
5						ıri-Ame			
6						ıerican			
7						n Water			
8						0			
9						ompany			
10						~			
11									
12									

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Well #1 - Howerton	Well #5 - Drewel Park	Well #6 - Legends	Well #8 - Viola
15	Year Constructed	1977	1989	1996	2003
16	Type of Construction	Deep	Deep	Deep	Deep
17	51 - 5			1 2 -	Stainless Steel 865' Deep
18	Depth and Diameter of Well				12" Diameter
19	Yield of Well in Gallons per day	1.4	1.4	0.86	0.86
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	N/A	N/A	N/A	N/A
21	Туре -				
22	Cost -				
23	Quantity -				

	PUMPS Eureka Operations									
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan				
3	See Attached (Pg W-18 Eureka)					ne:				
4						Missou				
5						ri-A				
6						merican				
7						n Water				
8						0				
9						company				
10						~				
11										
12										

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Well #9 - Arbors	Well #10 - West Main		
15	Year Constructed	2016	2006		
16	Type of Construction	Deep	Deep		
17	51 0		Epoxy Coated		
18		635' Deep 12" Diameter	695' Deep 12" Diameter		
19	Yield of Well in Gallons per day	1.15	0.72		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	N/A	N/A		
21	Type -				
22	Cost -				
23	Quantity -				

Date of Last Pump

Pg W-18 Eureka Attachment - Pumps January 1 - December 31, 2022

Type (i.e., High Service, Rated Capacity

Identification number, description, etc of each	pump: Manufacturer	Well, Standby, etc.)		Date Installed	Date of Last Motor Replacement	Replacement
		Old Viola	Booster			
¥1	Peerless	Booster	600	2000	Never	Never
#2	Peerless	Booster	600	2000	Never	Never
≠2 ¢3 - High Flow	Peerless	Booster	1,000	2000	Never	Never
	F CCIIC33	DOOSIEI	1,000	2000	INEVEI	INEVEI
		New Viola				
Jockey Pump	Peerless	Booster	50	1996	Never	Never
¥1	Peerless	Booster	250	1996	Never	Never
#2	Peerless	Booster	250	1996	Never	Never
≠3 - High Flow	Peerless	Booster	600	1996	Never	Never
		Legends	Booster			
#1 - Jockey Pump	Cornell	Booster	250	1996	Never	Never
¥2	Cornell	Booster	1,100	1996	2018	2018
#3	Cornell	Booster	1,100	1996	2018	2018
#4 - High Flow	Cornell	Booster	1,100	1996	Never	2016
		Arbors I	Boostor			
¥1	Grundfos	Booster	140	2016	Never	Never
+1	Grundfos		140	2016		
#2		Booster			Never	Never
#3	Grundfos	Booster	490	2016	Never	Never
#4	Grundfos	Booster	490	2016	Never	Never
¥5	Cornell	Booster	1,500	2016	Never	Never
		Forby B	Booster			
¥1	Peerless	Booster	80	2006	Never	Never
¥2	Peerless	Booster	80	2006	Never	Never
≴3 - High Flow	Peerless	Booster	1,000	2006	Never	Never
		Neihoff I	Booster			
¥1	Grundfos	Booster	339	2011	Never	Never
#2	Grundfos	Booster	339	2011	Never	Never
≠3 - High Flow	Grundfos	Booster	339	2011	Never	Never
		Brock B	a a a tar			
#1 Joskov Rump	Grundfoo		20	2002	Novor	Novor
#1 - Jockey Pump	Grundfos	Booster			Never	Never
#2 #3	Peerless	Booster	75	2002	Never	Never
	Peerless	Booster	75	2002	Never	Never
#4 - High Flow	Peerless	Booster	1,050	2002	Never	Never
		Emerald For	rest Booster			
#1 - Jockey Pump	Grundfos	Booster	13	1998	Never	Never
#2	Grundfos	Booster	60	1998	Never	Never
#3	Grundfos	Booster	60	1998	Never	Never
			1,000	1998		

	PUMPS Garden City							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement			
3	Intake WEG / Carver 40 HP	300 GPM	1998	2022	2022			
4	Intake WEG / Carver 40 HP	300 GPM	1998	2022	2022			
5	UF Feed Pumps 20 HP	471 GPM	1998					
6	UF Backwash Pump 30 HP	650 GPM	1998					
7	Transfer Well Baldor 7.5 HP PACO Imp Dia 7.38		1957					
8	Transfer Well US Motor 10 HP PACO Imp Dia 7.38							
9	High Service Baldor 25 HP PACO Imp Dia 7.38	400 GPM	1957					
10	High Service WEG 25 HP	400 GPM						
11								
12								

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)				
15	Year Constructed				
16	Type of Construction				
17	Type of Casing				
18	Depth and Diameter of Well				
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

	PUMPS Golden Acres						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na	
3	Well 1	100 gpm	1990	2021		me:	
4	Well 2	50 gpm	1990			Missouri-	
5						ıri-An	
6						American	
7						n Water	
8						er Co	
9						Company	
10							
11							
12							

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Well 1	Well 2		
15	Year Constructed	1968	1963		
16	Type of Construction	Deep	Deep		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	441' x unknown	340' x unknown		
19	Yield of Well in Gallons per day	100 gpm	50 gpm		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine	Liquid Chlorine		
22	Cost -				
23	Quantity -	152 lb	152 lb		

_	HICKORY HILLS OPERATIONS						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan	
3	Well Pump	30	1975	2018	2018	ne: N	
4						Missou	
5						ıri-Am	
6						ericar	
7						1 Wate	
8						-	
9						Company	
10							
11							
12							

PUMPS

WELLS

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	TP14149			
15	Year Constructed	1975			
16	Type of Construction	Hard Rock			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	605' / 6"			
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

	<u>PUMPs</u> Jaxson Estates						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na	
3	Grundfos submersible well pump	510	01/01/07	NA	NA	me: N	
4						Missou	
5						ri-Am	
6						ıerican	
7						n Water	
8						er Cor	
9						Company	
10							
11							
12							

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep well #1			
15	Year Constructed	2007			
16	Type of Construction	Rock Hole			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	1,550			
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None			
21	Туре -				
22	Cost -				
23	Quantity -				

PUMPS JEFFERSON CITY OPERATIONS

	JEFFERSON CITY OPERATIONS						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement		ompany Nai	
	L.S # 1 tag # RW-PVD-110	1,965 gpm	2011	2011	2011	me	
3	L.S # 2 tag # RW-PVD-120	1,965 gpm	2011	2011	2011		
	L.S # 1 tag # RW-PVD-130	1,965 gpm	2011	2011	2011	Miss	
4	L.S # 4 tag # RW-PVD-140	1,965 gpm			2011	SS	
		2,100 gpm			2020	er -	
	H.S. # 2	2,100 gpm			2020	÷	
	H.S. # 3	2,100 gpm			2020	me	
6		2,100 gpm			2020	ň.	
		300 gpm			1993	an	
7		300 gpm			1993	Water	
	Schellridge # 3	300 gpm	1993		1993	te	
8		900 gpm			2002		
		900 gpm			2002 2002 2020	ŝ	
		900 gpm			2002	Da	
		300 gpm	1954			Ŷ	
10		500 gpm			2003		
		600 gpm			2002		
11	Ellis # 2	600 gpm	2002	2002	2002		
12							

WELLS

13		Number:	Number:	Number:	Number:
14 D	Description (i.e., Deep, Artisian, Spring, etc.)				
15 Y	/ear Constructed				
16 T	ype of Construction				
17 T	ype of Casing				
18 D	Depth and Diameter of Well				
19 Y	field of Well in Gallons per day				
20 C	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

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	<u>PUMPs</u> Joplin Operations					
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last	
4 5 7 8 9	Intake Pump #1 Intake Pump #2 Intake Pump #3 Intake Pump #6 High Service #6 High Service #8 High Service #9 High Service #11 High Service #12 Well #1 Well #3 Well #4 Well #5 Well #6 Well #7 Well #8	4,170 gpm 2,780 gpm 2,780 gpm 5,550 gpm 4,200 gpm 2,800 gpm 2,800 gpm 6,250 gpm 550 gpm 500 gpm 500 gpm 600 gpm 1,050 gpm	April, 2007 April, 2007 April, 2007 April, 2007 April, 2007 August, 1949 March, 1982 March, 1982 March, 1982 November, 2008 January, 2009 November, 1989 August, 1991 March, 1997 May, 2000 October, 2002 June, 2003 October, 2014	N/A N/A N/A December, 1992 N/A November, 2005 N/A April, 2018 May, 2004 December, 2019 October, 2018 N/A December, 2005 N/A	N/A N/A N/A N/A N/A N/A December , 2008 November, 2020 N/A N/A May, 2004 December, 2019 November, 2006 N/A December, 2019 November, 2006 N/A	
11 12		-				

13		Number: 1 (A-05144)	Number: 3 (A-13157)	Number: 4 (A-62273)	Number: 5 (A-89974)
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	1988	1989	1996	2000
16	Type of Construction	Deep Rock Well	Deep Rock Well	Deep Rock Well	Deep Rock Well
17	Type of Casing	Steel	Steel	Steel	Steel
18	Depth and Diameter of Well	1,255' d X 10" dia	1,610' d X 10" dia	1,875' d X 12.25" dia	1,445' d X 12" dia
19	Yield of Well in Gallons per day	750,000 gpd	700,000 gpd	715,000 gpd	940,000 gpd
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	JI , J	Gas chlorine 19% aqueous ammonia	Gas chlorine 19% aqueous ammonia	Gas chlorine 19% aqueous ammonia
22 23	Cost - Hypochlorite Chlorine Ammonia Fluoride Quantity - Hypochlorite Chlorine Ammonia Fluoride	0 N/A 0 N/A N/A 0 #	N/A 2,715.66 722.05 0 N/A 1269# 2063#	23% hydrofluorosilicic acid N/A 3,578.08 975.1 0 N/A 1672# 2786# 0 #	N/A 4,181.56 1,157.45 N/A N/A 1954# 3307# N/A

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	<u>РИМРS</u> Joplin Operations						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement		
	Well #9 Well #10 Well #11	790 gpm 640 gpm	December, 2014 July, 2006	September, 2020	December, 2014 November, 2015 April, 2015		
		500 gpm	1989		Unknown Unknown 12/19/13		
	Grundfos - Well 8	700 gpm 500 gpm	10/20/14	05/30/18	05/30/18 12/29/14		
7							
8							
9							
10 11							
12							

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13		Number: 6 (A-109430)	Number: 7 (A-121711)	Number: 8 (A-121712)	Number: 9 (A-126427)
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	2002	2003	2003	2004
16	Type of Construction	Deep Rock Well	Deep Rock Well	Deep Rock Well	Deep Rock Well
17	Type of Casing	Steel	Steel	Steel	Steel
18	Depth and Diameter of Well	1,500' d X 12.5" dia	1,504' d X 12.25" dia	1,550' d X 12.25" dia	1,495' d X 12.25" dia
19	Yield of Well in Gallons per day	690,000 gpd	1,070,000 gpd	750,000 gpd	1,300,000 gpd
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Gas chlorine 19% aqueous ammonia	Gas chlorine 19% aqueous ammonia	Gas chlorine 19% aqueous ammonia	Gas chlorine 19% aqueous ammonia
	Cost -	23% hydrofluorosilicic acid			
	Chlorine Ammonia Fluoride	1,086.40	1,418.20	894.25	3,997.52 1,082.90 N/A
22 23	Quantity - Chlorine Ammonia Fluoride	3104#	4052#	2555#	1868# 3094# N/A

For the calendar year of January 1 - December 31 2022

Company Name: Missouri-American Water Company

	PUMPS Joplin Operations							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement			
3								
4								
5								
6					enca			
7					Water			
8								
9								
10								
11								
12								

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13		Number: 10 (A-128853)	Number: 11 PWS WELL 17440	Number: 12 (A-008472)	Number: 13 (A-008972)
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	2005	2006	1977	1989
16	Type of Construction	Deep Rock Well	Deep Rock Well	Deep Rock Well	Deep Rock Well
17	Type of Casing	Steel	Steel	Steel	Steel
18	Depth and Diameter of Well	1,350' d X 12.25" dia	1,580' d X 12" dia	1,650' x 10" dia	1,205' x 10" dia
19	Yield of Well in Gallons per day	780,000 gpd	900,000 gpd		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	-	Gas chlorine 19% aqueous ammonia		
	Cost -		23% hydrofluorosilicic acid		
	Chlorine Ammonia Fluoride	961.8	1,964.20	N/A	N/A N/A N/A
	Quantity -				
22 23	Chlorine Ammonia Fluoride	2748#	5612#	N/A	N/A N/A N/A

For the calendar year of January 1 - December 31 2022

Company Name: Missouri-American Water Company

	PUMPS Lake Carmel Operations								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan			
3						me: N			
4						Missou			
5						ri-Am			
6						erican			
7						ו Wate			
8						12			
9						Sompany			
10									
11									
12									

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Lake Carmel - Deep Well			
15	Year Constructed	1973			
16	Type of Construction	Drilled			
17	Type of Casing	Galvanized			
18	Depth and Diameter of Well	345' x 6"			
19	Yield of Well in Gallons per day	86,400			
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	Liquid Chlorine			
21	Туре -	Bleach 12.5%			
22	Cost -	.091/lb			
23	Quantity -	300			

PUMPS Tri County District - Lake Taneycomo & Lakewood Manor Operations

	Tri County District - Lake Taneycomo & Lakewood Manor Operations							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement			
3	Lake Taneycomo Well # 1	70 gpm	1973	2022	2021			
4	Lake Taneycomo Well # 2	70 gpm	1977	2022	2022			
5	Lakewood Manor Well # 1	70 gpm	1988					
6								
7								
8								
9								
10								
11								
12								

13		Lake Taneycomo Number: 1 (WL:10827) MO5036198	Lake Taneycomo Number: 2 (WL:10828) MO5036198	Lakewood Manor Number: 1 (WL: 10865) MO5036020	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	
15	Year Constructed	1973	1977	1988	
16	Type of Construction	Drilled	Drilled	Drilled	
17	Type of Casing	Steel	Steel	Steel	
18	Depth and Diameter of Well	570' d X 6" dia	580' d X 6" dia	860' d x 12" dia	
19	Yield of Well in Gallons per day	100,800	100,800	100,800	
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine			
22	Cost -				
23	Quantity -	152 lbs			

For the calendar year of January 1 - December 31 2022

	PUMPS Lawson District							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement			
3	Marathon 20 HP / Berkeley mod.B3TPMS	400 GPM	08/01/03	12/15/20	12/15/20			
4	Marathon 20 HP / Berkeley mod. B3TPMS	400 GPM	08/01/03	12/15/20	12/15/20			
5	Baldor 20 HP / Berkeley mod B3TPMS	400 GPM	unknown	unkown	unknown			
6								
7								
8								
9								
10								
11								
12								

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)				
15	Year Constructed				
16	Type of Construction				
17	Type of Casing				
18	Depth and Diameter of Well				
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Type -				
22	Cost -				
23	Quantity -				

	PUMPS Maplewood						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na	
3	Maplewood Well # 1	65 gpm	1971			me:	
4	Maplewood Well # 2	245 gpm	1974	2019		Missouri-	
5						ıri-An	
6						American	
7						n Water	
8						er Cor	
9						Company	
10							
11							
12							

13		Maplewood Number: 1 (WL: 14137) MO3036131	Maplewood Number: 2 (WL: 14136) MO3036131	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep		
15	Year Constructed	1971	1974		
16	Type of Construction	Drilled	Drilled		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	520' x 6" dia	810' x 6" dia		
19	Yield of Well in Gallons per day	0	267,840		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

PUMPS MEXICO OPERATIONS							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement		
3	Well #2	720 gpm	1924	04/27/18	04/23/18		
4	Well #3	260 gpm	1947	09/01/21	09/01/21		
5	Well #4	550 gpm	1948	10/15/16	04/01/10		
3	Well #5	792 gpm	1958	03/28/18	11/01/17		
,	Well #6	1022 gpm	1984	12/01/18	11/01/19		
3	Well #7	1026 gpm	2000	05/01/20	05/01/20		
,	High Service #1	1,090 gpm	1969	12/01/10	12/01/10		
0	High Service #3	1,700 gpm	1969	10/01/21	11/01/19		
1	High Service #5	975 gpm	1969	12/22/22	12/22/22		
2	High Service #6	1,700 gpm	1969	10/01/12	03/01/00		

13		Number: 2	Number: 3	Number: 4	Number: 5
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	1924	1947	1948	1958
16	Type of Construction	Rock/Concrete	Rock/Concrete	Rock/Concrete	Rock/Concrete
17	Type of Casing	Steel	Steel	Steel	Steel
18	Depth and Diameter of Well	1,150' x 16"	1,200' x 16"	1,400' x 16"	1,500' x 16"
19	Yield of Well in Gallons per day	1,054,000 gpd	403,000 gpd	806,000 gpd	1,145,000 gpd
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None	None	None	None
21	Type -				
22	Cost -				
23	Quantity -				

	MEXICO OPERATIONS								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan			
3	Highway 54 Booster #1	800 gpm	1996	12/22/22	12/22/22	me: N			
4	Highway 54 Booster #2	800 gpm	1996	12/22/22	12/22/22	Missou			
5	Backwash Pump	5,400 gpm	2000	08/01/08	08/01/08	ri-A			
6						merican			
7						in Water			
8									
9						company			
10						Ÿ			
11									
12									

PUMPS

WELLS

13		Number: 6	Number: 7	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep		
15	Year Constructed	1984	2000		
16	Type of Construction	Rock/Concrete	Rock/Concrete		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	1,500' / 20" - 16"	1,500' / 20" - 16"		
19	Yield of Well in Gallons per day	1,497,000 gpd	1,480,000 gpd		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None	None		
21	Type -				
22	Cost -				
23	Quantity -				

	<u>PUMPS</u> Monsees Lake Estates							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Name:		
3	Well 1	540 gpm	1968	2012				
4	Well 2	1750 gpm	1980	unknown		Missouri-		
5								
6						American		
7						n Water		
8						er Cor		
9						Company		
10								
11								
12								

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Well 1	Well 2		
15	Year Constructed	1968	1980		
16	Type of Construction	Deep	Deep		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	550' x 6"	810' x 8"		
19	Yield of Well in Gallons per day	50 gpm	175 gpm		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine	Liquid Chlorine		
22	Cost -				
23	Quantity -	152 lb	152 lb		

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PUMPS
Tri County District - Ozark Mountain 1, 2 and 3 Operations

	Tri County District - Ozark Mountain 1, 2 and 3 Operations							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nar		
3	Ozark Mountain 1	150 gpm	1971	2013	2013	ne:		
4	Ozark Mountain 2	320 gpm	2004	2021	2021	Misso		
5	Ozark Mountain 2 (Backup)	75 gpm	1974	2018	2018	uri-An		
6	Ozark Mountain 3 - Groundfos, electric (backup)	40 gpm	2017			nerica		
7	Ozark Mountain 3 - Groundfos, electric	310 gpm	2017			an Wate		
8						ter Co		
9						ompany		
10						γ		
11								
12								

13		Ozark Mtn #1 Number: 1 (WL:13150) MO5036177	Ozark Mtn #2 Number: 1 (WL:13148) MO5036163	Ozark Mtn #2 (Backup) Number: 2 (WL: 16980) MO5036163	Ozark Mtn #3 Number: 3 (WL: 13149) MO5036162
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	1971	2004	1974	1974
16	Type of Construction	Drilled	Drilled	Drilled	Drilled
17	Type of Casing	Steel	Steel	Steel	Steel
18	Depth and Diameter of Well	553' d X 6" dia	1010' X 10" dia	750' x unknown	404' d X 6" dia
19	Yield of Well in Gallons per day	216,000	576,000	720,000	864,000
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine	Liquid Chlorine		Liquid Chlorine
22	Cost -				
23	Quantity -	152 lbs	152 lbs		152 lbs

For the calendar year of January 1 - December 312022

PUMPS
Tri County District - Ozark Mountain 1, 2 and 3 Operations

-	Tri County District - Ozark Mountain 1, 2 and 3 Operations						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nam	
3						e:	
4						Misso	
5						ıri-An	
6						nerica	
7						in Wat	
8						ter Co	
9						mpany	
10						ÿ	
11							
12							

13		Ozark Mtn #3 Number: 3 (WL:) MO5036162	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep			
15	Year Constructed	2017			
16	Type of Construction	Drilled			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	1200' x 6" dia			
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine			
22	Cost -				
23	Quantity -	152 lbs			

For the calendar year of January 1 - December 312022

		PUMPS Orrick Date of Last Date of Last							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Na			
3	N/A no pumps					me: N			
4						Missouri			
5									
6						American			
7						n Water			
8						er Cor			
9						Company			
10									
11									
12									

13		Number:	Number:	Number:	Number:		
14	Description (i.e., Deep, Artisian, Spring, etc.)						
15	Year Constructed						
16	Type of Construction						
17	Type of Casing						
18	Depth and Diameter of Well						
19	Yield of Well in Gallons per day						
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):						
21	Туре -						
22	Cost -						
23	Quantity -						
	PUMPS Parkville Operations						
----------	---	-----------------------------------	-----------------------------	------------------------------------	--	--	--
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement		
3	Well #3	RETIRED	1951	N/A	1,990 62ft of 10" liner installed		
4	Well #4	1,111 GPM	1967	N/A	Treatment in 1997		
5	Well #5	RETIRED	1975	03/01/11	Failed rehab in 2015		
6	Well # 6	1,950 GPM	1992	2009	Rehab and treatment in 2009		
7	Well # 7	2,100 GPM	2017	N/A	N/A		
8	NEW - Well # 8	2,100 GPM	2019	N/A	N/A		
10 11	NĔW PLANT-High Service #1 High Service #2 NEW PLANT-High Service #2	1,736 GPM RETIRED 1,736 GPM	2017 1969 2017 N/A	N/A 12/01/13 N/A 03/01/11	42064 N/A Rehab Pump Dec-13 N/A 34700 N/A		

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep Well 3 Retired		Deep Well 5 Retired	Deep Well 6
15	Year Constructed	1951	1967		1992
16	Type of Construction	Drilled	Drilled	Drilled	Drilled
17	Type of Casing	Steel	Steel	Steel	Steel
18	Depth and Diameter of Well	87' x 12"	98.5' x 18"	99' x 18"	100' x 24"
19	Yield of Well in Gallons per day	720,000	1,599,840	2,160,000	2,808,000
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None	None	None	None
21	Туре -				
22	Cost -				
23	Quantity -				

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For the calendar year of January 1 - December $31\frac{2022}{2}$

_	PUMPS Parkville Operations							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan		
3						ne:		
4						Missou		
5						ıri-Am		
6						merica		
7						n Wate		
8						er Com		
9						mpany		
10								
11								
12								

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep Well 7	Deep Well 8		
15	Year Constructed	2017	2019		
16	Type of Construction	Drilled	Drilled		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	82' x 24"	130' x 24"		
19	Yield of Well in Gallons per day	3,024,000	5,000,000		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None	None		
21	Туре -				
22	Cost -				
23	Quantity -				

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For the calendar year of January 1 - December 31 2022

	PUMPS Pevely Farms						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na	
4 5	Low Lift Pump 1 Low Lift Pump 2	450 gpm 450 gpm 450 gpm 250 gpm	2020 2020 2020 2020 2001	N/A N/A N/A 2018	N/A N/A N/A 2018 2018	me: Missouri-American Water Company	
10 11 12						any	

13		Well 1	Well 2	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Alluvial	Alluvial		
15	Year Constructed	2001	2001		
16	Type of Construction	Reverse rotary drilling	Reverse rotary drilling		
17	Type of Casing		steel 60' deep		
18	Depth and Diameter of Well		8" diameter		
19	Yield of Well in Gallons per day	0.36	0.36		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	N/A	N/A		
21	Туре -				
22	Cost -				
23	Quantity -				

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For the calendar year of January 1 - December 31 2022

	PUMPS Pom-O-Sa Operations						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan	
3	Goulds 98F1KDO 5 HP Booster pump					ne:	
4	Wello #1 Pump, unknown type	50 GPM				Missou	
5	Well #2, unknown type	50 GPM				ri-A	
6						merican	
7						n Water	
8						0	
9						company	
10						Y	
11							
12							

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep		
15	Year Constructed	1954	2007		
16	Type of Construction				
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	418 FT - 6" Dia.	420 FT - 6" Dia		
19	Yield of Well in Gallons per day	unknown	250 GPM		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	N/A			
21	Туре -		12.5% NaOCI		
22	Cost -				
23	Quantity -		Apprx. 1 gallon per week		

	PUMPS Purcell						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na	
3	Well #2 Alba/Purcell Well Active	500 gpm	1979			me: N	
4	Well #3 Park Well Inactive	400 gpm	2000			Missouri-	
5						ıri-An	
6						American	
7						n Water	
8							
9						Company	
10						У	
11							
12							

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Well 2	Well 3		
15	Year Constructed	1979	2000		
16	Type of Construction	Deep	Deep		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	1,100' x 10"	1,100' x 10"		
19	Yield of Well in Gallons per day	100 gpm	50 gpm		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	12.5% Sodium Hypochlorite (Bleach)	Not at this time		
22	Cost -	\$0.327/lb	\$0.327/lb		
23	Quantity -	152 lb	152 lb		

For the calendar year of January 1 - December 312022

PUMPS Tri County District - Rankin Acres & Riverside Estates Operations

Tri County District - Rankin Acres & Riverside Estates Operations								
1 2 Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement				
3 Rankin Acres Well # 1	80 gpm	1965	2021	2021				
4 Riverside Estates Well # 2	450 gpm	2004						
5								
6								
7								
8								
9								
10								
11								
12								

13		Rankin Acres Number: 1 (WL: 14800) MO5036147	Riverside Estates Number: 2 (WL: 16869) A124784	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	
15	Year Constructed	1965	2004	
16	Type of Construction	Drilled	Drilled	
17	Type of Casing	Steel	Steel	
18	Depth and Diameter of Well	550' d X 6" dia	1,110' x unknown	
19	Yield of Well in Gallons per day	115,200	1,440,000	
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):			
21	Туре -	Liquid Chlorine	Liquid Chlorine	
22	Cost -			
23	Quantity -	152 lbs	558 lbs	

For the calendar year of January 1 - December 31

	PUMPS Redfield Operations								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement				
3	Unknown	300	08/15/00	acquired	acquired				
4									
5									
6									
7									
8					-				
9									
10									
11 12									

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep			
15	Year Constructed	2000			
16	Type of Construction	Steel			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	925 / 6"			
19	Yield of Well in Gallons per day	Na			
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Bleach 12.5%			
22	Cost -				
23	Quantity -	.081 /gal			

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For the calendar year of January 1 - December 31 2022

	PUMPS Rogue Creek								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na			
3	Submersible pump	25 gpm	2016			me: N			
4	GrundFROS HYDRO MPC-EC Booster Pump	30 GPM	2020			Missou			
5	GrundFROS HYDRO MPC-EC Booster Pump	30 GPM	2020			uri-Ame			
6						nerican			
7						ın Water			
8						0			
9						ompany			
10						Y			
11									
12									

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep			
15	Year Constructed	1972			
16	Type of Construction	drilled			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	284' X 42'			
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	salt			
22	Cost -				
23	Quantity -				

PUMPS Tri County District - Saddlebrooke Operations

	Tri County District - Saddlebrooke Operations								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan			
3	Saddlebrook Well # 1	750 gpm	2003	2015	2015				
4						Missouri-			
5									
6						American			
7						n Water			
8									
9						Company			
10									
11						1			
12									

WELLS

13		Saddlebrooke MO5031375	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep			
15	Year Constructed	2003			
16		Deep Rock Well Steel			
17	Type of Casing				
18	Depth and Diameter of Well	1,400' x 10" dia			
19	Yield of Well in Gallons per day	1,080,000			
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid chlorine			
22	Cost -				
23	Quantity -	558 lbs			

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For the calendar year of January 1 - December 31 2022

PUMPS				
Tri County District - Spokane Operations				

	Tri County District - Spokane Operations								
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan			
3	Spokane Well	105 gpm	01/01/94	2020	2020	ne:			
4						Missou			
5						ri-A			
6						merica			
7						an Water			
8						0			
9						ompany			
10						٧٢			
11									
12									

13		Saddlebrooke MO5031375	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep			
15	Year Constructed	1994			
16		Deep Steel			
17	Type of Casing	Sleel			
18	Depth and Diameter of Well	1,500' x 12"			
19	Yield of Well in Gallons per day	115,200			
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Liquid Chlorine			
22	Cost -				
23	Quantity -	152 lbs			

PUMPS ST. CHARLES OPERATIONS

1 2 Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement
AURORA-HARVESTER RD - PUMP #1	2,300			
3 AURORA-HARVESTER RD - PUMP #2	5,000			
A.CHARVESTER RD - PUMP #3	4,000			
4 CORNELL-EHLMAN RD - PUMP #1	5,00			
CONNELL-EHLMAN RD - PUMP #2	1,000			
5 INGERSOLL-RAND-WELDON SPRING - PUMP #1	3,500			
INGERSOLL-RAND-WELDON SPRING - PUMP #2	3,500			
6 AURORA-WELDON SPRING - PUMP #3	9,600			
AURORA-WELDON SPRING - PUMP #4	500			
7 AURORA-WELDON SPRING - PUMP #5	500		09/18/18	09/18/19
GARDENER DENVER-TOWERS RD - PUMP #1	2,000			
8 AURORA-TOWERS RD - PUMP #2	1,600			
AURORA-WHITMOOR - PUMP #1	400			
9 AURORA-WHITMOOR - PUMP #2	400			
PEERLESS-WHITMOOR - PUMP #3	850			
10 AURORA-GREENS BOTTOM - PUMP #2	5,208			
AURORA-GREENS BOTTOM - PUMP #3	3472			
11 AURORA-CAMELOT - PUMP #1	70			
PEERLESS-CAMELOT - PUMP #2	1,250			
12 PEERLESS-CAMELOT - PUMP #3	1,250			
AURORA-KNAUST ROAD - PUMP #1	900			
12 AURORA-KNAUST ROAD - PUMP #2	400			

WELLS

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	None			
15	Year Constructed				
16	Type of Construction				
17	Type of Casing				
18	Depth and Diameter of Well				
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

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Company Name: Missouri-American Water Company

PUMPS					
ST. JOSEPH OPERATIONS					

ST. JOSEPH OPERATIONS							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan	
	VERTICAL WELL PUMPS PUMPS 1 -7	2,600 GPM	2000	Well# 5 2022	Well#5 2022	ne: Mis	
4 5	HORIZONTAL COLLECTOR WELL PUMPS PUMPS 1, 2 & 3	4,400 GPM	2000	Well #9 2020	NA	souri-Am	
6 7	WATER TREATMENT PLANT DISTRIBUTIVE PUMP 1	7,100	2000	2020	2010	erican W	
8	DISTRIBUTIVE PUMP 2 DISTRIBUTIVE PUMP 3 DISTRIBUTIVE PUMP 4	10,393 7,100	2000 2000	NA NA	2009 2008 NA	Water Corr	
9 10						Ipany	
11							
12							

13		Number: 1	Number: 2	Number: 3	Number: 4
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	1999	1999	1999	1999
16	Type of Construction	Drilled	Drilled	Drilled	Drilled
17	Type of Casing	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel
18	Depth and Diameter of Well	84' x 36"	84' x 36"	84' x 36"	83' x 36"
19	Yield of Well in Gallons per day	3.4 MGD	3.4 MGD	3.4 MGD	3.4 MGD
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	NA	NA	NA	NA
21	Туре -	NA	NA	NA	NA
22	Cost -	NA	NA	NA	NA
23	Quantity -	NA	NA	NA	NA

For the calendar year of January 1 - December 31 2022

PUMPS ST. JOSEPH OPERATIONS

		ST. JOSEPH C	PERATIONS			Q
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nam
3						
4						Missou
5						ıri-Am
6						ierica
7						n Wate
8						er Col
9						npany
10						
11						
12						

WELLS

13		Number: 5	Number: 6	Number: 7	Number: 8
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	Deep
15	Year Constructed	1999	1999	1999	1999
16	Type of Construction	Drilled	Drilled	Drilled	Collector well
17	Type of Casing	Carbon Steel	Carbon Steel	Carbon Steel	Concrete
18	Depth and Diameter of Well	79' x 36"	82' x 36"	86' x 36"	110' x 20"
19	Yield of Well in Gallons per day	3.4 MGD	3.4 MGD	3.4 MGD	3.4 MGD
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	NA	NA	NA	NA
21	Туре -	NA	NA	NA	NA
22	Cost -	NA	NA	NA	NA
23	Quantity -	NA	NA	NA	NA

For the calendar year of January 1 - December 31 2022

		<u>РОМ</u> St. Louis Coun	rs ty Operations			ç
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan
3	See Attached (St. Louis Pg W-18)					ne: n
4						Missou
5						ıri-Ame
6						erican
7						n Water
8						
9						Company
10						
11						
12						

PUMPS

WELLS

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)				
15	Year Constructed				
16	Type of Construction				
17	Type of Casing				
18	Depth and Diameter of Well				
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Type -				
22	Cost -				
23	Quantity -				

			Rated Capacity			Date of Last
Identification number, description, etc of each		Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
		Central Pla	ant			•
C/D Intakes - No. 9	Johnston	Intake	20,000	1993	Never	2010
C/D Intakes - No. 10	Johnston	Intake	20,000	1993	Never	2016
C/D Intakes - No. 11	Johnston	Intake	20,000	1993	Never	2007
C/D Intakes - No. 12	Johnston	Intake	20,000	1993	Never	2015
NO PUMP INSTALLED - No. 13	Empty	N/A	N/A	N/A	N/A	N/A
C/D Intakes - No. 14	Johnston	Intake	20,000	1993	Never	2012
Electric Station Pump Room - No. 6	Allis Chalmers	Low Lift	13,500	1937	2021	Never
Electric Station Pump Room - No. 7	Allis Chalmers	Low Lift	13,500	1937	2022	Never
Electric Station Pump Room - No. 7	Allis Chalmers	Low Lift	11,600	1937	Never	Never
Electric Station Pump Room - No. 8	Allis Chalmers	Low Lift	13,500	1937	Never	Never
Shop - No. 9	Byron Jackson	Low Lift	14,200	1950	Never	Never
Filter Plant 2 Pump Room - No. 13	Allis Chalmers	Low Lift	10,000	1954	2022	2022
Filter Plant 2 Pump Room - No. 14	Allis Chalmers	Low Lift	10,000	1954	Never	Never
Filter Plant 2 Pump Room - No. 15	Allis Chalmers	Low Lift	17,000	1954	Never	Never
Filter Plant 1 - No. 1	Weinman	Wash Water	1,600	2021	2021	2021
						Removed from
Filter Plant 2 Pump Room - No. 2	Allis Chalmers	Wash Water	13,000	1954	Never	Service
Filter Plant 2 WW Vault - No. 3	Fairbanks	Wash Water	3,937	1998	Never	Never
MSD Connection - No. 1	Flygt	Sewer	50	1998	Never	Never
MSD Connection - No. 2	Flygt	Sewer	50	1998	Never	Never
Manhole W - No. 1	Flygt	Sewer	10,000	1994	Never	Never
Manhole W - No. 2	Flygt	Sewer	10,000	1994	Never	Never
Electric Station Pump Room - No. 1	Ingersoll Rand	High Service	12,500	1931	Never	Never
Electric Station Pump Room - No. 2	Ingersoll Rand	High Service	12,500	1931	Never	Never
HSL Pump Station - No. 1	Flowserve	High Service	10,410	2015	Never	Never
HSL Pump Station - No. 2	Flowserve	High Service	15,615	2015	Never	Never
HSL Pump Station - No. 3	Flowserve	High Service	10,410	2015	Never	Never
HSL Pump Station - No. 4	Flowserve	High Service	15,615	2015	Never	Never
Filter Plant 2 Pump Room - No. 10	Allis Chalmers	High Service	17,500	1954	2014	1st Stage 2002
Filter Plant 2 Pump Room - No. 11	Worthington	High Service	11,000	1954	2014	2nd Stage 1994
Filter Plant 2 Pump Room - No. 12	Worthington	High Service	8,700	1954	2014	Never

			Rated Capacity	•		Date of Last
Identification number, description, etc of each	•	Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
• •		North Pla	int		•	•
West Intakes - No. 1	Johnston	Intake	9.500	1994	2022	2022
West Intakes - No. 2	Peer	Intake	8,500	1955	2019	2018
West Intakes - No. 3	Peer	Intake	8.500	1955	2019	2018
West Intakes - No. 4	Johnston	Intake	8.500	1955	2007	2007
East Intakes - No. 5	Ingersoll Rand	Intake	14,800	1991	2014	2022
East Intakes - No. 6	Layne-Bowler	Intake	16,000	1991	2018	2019
East Intakes - No. 7	Layne-Bowler	Intake	16,000	1991	2016	2016
East Intakes - No. 8	Ingersol Rand	Intake	14,800	1991	2018	2019
Pump Room - No. 1	Peer	High Service	8,333	1955	1st Stage 2006, 2nd stage 2019	2019
Pump Room - No. 2	Peer	High Service	8,333	1955	1st Stg 2019, 2nd Stg 2019	Rebuilt 2019
Pump Room - No. 3	Peer	High Service	8,333	1955	1st Stage 2006, 2nd Stg 2015	Never
Pump Room - No. 4	Peer	High Service	8,333	1955	1st Stage 2006 2nd Stg 2020	Never
East Basin - No. 7	Ingersoll Rand	High Service	7,639	1991	Never	2008
East Basin - No. 8	Ingersoll Rand	High Service	7,639	1992	2008	2008
East Basin - No. 9	Ingersoll Rand	High Service	7,639	1991	Rewound motor 2018	2010
East Basin - No. 10	Ingersoll Rand	High Service	7,639	1992	Rewound motor 2018	2010
East Basin - No. 11	Ingersoll Rand	High Service	7,639	1991	Never	2010
East Basin - No. 12	Ingersoll Rand	High Service	7,639	1992	2015	2015
Pump Room - No. 1	Ingersoll Rand	Wash Water	2,000	1955	Never	Never
East HS Vault - No. 2	Worthington	Wash Water	2,000	1963	Never	Never
Rewash Pump 1	Weinman	Sewer/Rewash	2,000	2020		Never
Rewash Pump 2	Weinman	Sewer/Rewash	2,000	2020	Never	Never
West Basin - W.	Floway	Chemical Distribution	1,430	1999	Never	Never
West Basin - E.	Pentar	Chemical Distribution	1,140	2015	2015	2015
South Plant	i ciitai	Chemical Distribution	1,140	2010	2013	2010
Intakes Cassion 1 - No. 1	Ingersoll Rand	Intake	5,700	1986	Never	2022
Intakes Cassion 2 - No. 2	Ingersoll Rand	Intake	5,700	1986	Never	2022
Intakes Cassion 3 - No. 3	KSB Submersible	Intake	5,700	2019	2022	2022
Intakes Cassion 4 - No. 4	Ingersoll Rand	Intake	5,700	1986	2019	2022
Intakes Cassion 5 - No. 5	Goulds	Intake	5,300	1988	2021	2013
Intakes Cassion 6 - No. 6	Goulds	Intake	5,300	1988	2022	2022
Intakes Cassion 7 - No. 7	KSB Submersible	Intake	5,700	2020	Never	2022
Pump Room - No. 1	Worthington	High Service	4,950	1956	2010	2009
Pump Room - No. 2	Worthington	High Service	4,950	1956	Never	2005
Pump Room - No. 2 Pump Room - No. 3	Worthington	High Service	4,950	1956	Never	2019
Pump Room - No. 4	Worthington	High Service	4,950	1956	Never	2000
Pump Room - No. 5	Worthington	High Service	4,950	1950	Never	2007
Pump Room - No. 6	Worthington	High Service	4,950	1960	Never	2013
Pump Room - No. 7	Worthington	High Service	4,950	1960	1998	2008
Pump Room - No. 7 Pump Room - No. 8	Goulds	High Service	4,865	1960	Never	2019
Pump Room - No. 1	Ingersoll Rand	Wash Water	2,500	1980	Never	Never
Pump Room - No. 1 Pump Room - No. 2	Ingersoll Rand	Wash Water	2,500	1994	Never	Never
South Basin - No. 1	ing 8D-900 Submer	Chemical Distribution	1,000	2020	Never	Never
North Basin - No. 2	Peer 2-Sp.	Chemical Distribution	3,000	2020 1960	Never	Never

	Pg W-18 St. L	ouis Attachment - Pumps		ember 31, 2022		
			Rated Capacity			Date of Last
Identification number, description, etc of each		Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
		Ross Boos				
Pump Room - No. 1	Ingersoll Rand	Distribution Booster	15,000	1949	2017	Never (rebuilt)
Pump Room - No. 2	Ingersoll Rand	Distribution Booster	15,000	1949	2017	Never (rebuilt)
Pump Room - No. 3	Ingersoll Rand	Distribution Booster	15,000	1949	2017	Never (rebuilt)
Pump Room - No. 4	Ingersoll Rand	Distribution Booster	2,400	1949	2007	Never
Central Plant 3						
A Intakes - No. 1	Johnston	Intake	17,500	1999	Never	2007
A Intakes - No. 2	Aurora	Intake	17,500	1985	2018	2018
A Intakes - No. 3	Johnston	Intake	10,250	1967	2022	2022
A Intakes - No. 4	Aurora	Intake	17,500	2019	2019	2019 (rebowl)
B Intakes - No. 5	Aurora	Intake	17,500	1986	Never	2018
B Intakes - No. 6	Johnston	Intake	10,250	1967	Never	2006
B Intakes - No. 7	Aurora	Intake	17,500	1986	Never	2011
B Intakes - No. 8	Layne	Intake	20,000	1993	2019	2016
A Basin - No. 1	Johnston	High Service	6,200	1971	2021	2021
A Basin - No. 2	Johnston	High Service	6,200	1971	2022	2022
A Basin - No. 3	Johnston	High Service	6,200	1971	2022	2022
A Basin - No. 4	Goulds	High Service	8,400	1982	Never	2006
A Basin - No. 5	Layne	High Service	8,450	1984	1998	1984
A Basin - No. 6	Goulds	High Service	8,400	1982	2020	2006
B Basin - No. 7	Johnston	High Service	6,200	1971	Never	2011
B Basin - No. 8	Johnston	High Service	6,200	1971	2022	2022
B Basin - No. 9	Johnston	High Service	6,200	1971	Never	2008
B Basin - No. 10	Layne	High Service	8,400	1986	Never	2009
B Basin - No. 11	Layne	High Service	8,400	1984	2022	2022
B Basin - No. 12	Layne	High Service	8,400	1986	Never	2009
A Diesel Building - No. A	Goulds	High Service	8,300	1986	2001	Never
B Diesel Building - No. B	Goulds	High Service	8,300	1986	Never	Never
A Basin - B HS Vault - No. 1	Worthington	Wash Water	4,000	1968	2009	Never
B Basin - E HS Vault - No. 2	Weinman	Wash Water	4,000	2018	2018	2018
A Basin - No. 1	Johnston	Chemical Distribution	2,400	1968	Never	Never
A Basin - No. 2	Johnston	Chemical Distribution	2,400	1968	Never	Never
B Basin - No. 3	National Pump Co	Chemical Distribution	2,400	1968	2021	2021
B Basin - No. 4	National Pump Co	Chemical Distribution	2,400	1971	2021	2021
Manhole P - No. 1	Ebara	Sewer	10,000	2015	2015	2015
Manhole P - No. 2	Ebara	Sewer	10,000	2013	2013	2013
A Basin - No. 1	Johnston	Circulation	400	1968	Never	Never
A Basin - No. 2	Johnston	Girculation	400	1968	Never	Never

	Pg W-18 St.	Louis Attachment - Pumps	January 1 - Dec	ember 31, 2022		
	<u> </u>		Rated Capacity			Date of Last
Identification number, description, etc of each		Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
		Meramec P	Plant			
Cassion 2 - No. 1	Johnston	Intake	8,200	1990	2015	2015
Cassion 2 - No. 2	Johnston	Intake	8,200	1990	2013	Never
Cassion 2 - No. 3	Johnston	Intake	8,200	1990	2008	2008
Cassion 1 - No. 4	Ingersoll Rand	Intake	8,200	1989	2020	2007
Cassion 1 - No. 5	Ingersoll Rand	Intake	8,200	2022	2022	2022
Cassion 1 - No. 6	Ingersoll Rand	Intake	8,200	2021	2021	2021
- No. 1	Cornell	Wash Water	1,250	2017	2017	2017
- No. 2	Weinman	Wash Water	1,000	2020	2020	2020
- No. 3	Weinman	Wash Water	1,100	2020	2020	2020
A Basin - No. 1	Johnston	Chemical Distribution	1,000	1974	Never	2008
B Basin - No. 2	Johnston	Chemical Distribution	1,000	1977	Never	Never
C Basin - No. 3	Johnston	Chemical Distribution	1,000	1985	2016	Never
D Basin - No. 4	Goulds	Chemical Distribution	1,000	1989	Never	Never
A Basin - No. 1	Johnston	High Service	2,800	1974	Never	2005
A Basin - No. 2	Johnston	High Service	2,800	1974	2019	2019
A Basin - No. 3	Johnston	High Service	2,800	1974	2019	2019
A Basin - No. 4	Johnston	High Service	2,800	1974	Never	2018
B Basin - No. 5	Johnston	High Service	2,950	1977	Never	2007
B Basin - No. 6	Johnston	High Service	2,950	1977	Never	2014
B Basin - No. 7	Johnston	High Service	2,950	1977	Never	2005
B Basin - No. 8	Johnston	High Service	2,950	1977	Never	2019
C Basin - No. 9	Ingersoll Rand	High Service	2,950	1985	2015	2015
C Basin - No. 10	Ingersoll Rand	High Service	2,950	1985	Never	2013
C Basin - No. 11	Ingersoll Rand	High Service	2,950	1985	2020	2008
C Basin - No. 12	Ingersoll Rand	High Service	2,950	1985	2019	2018
D Basin - No. 13	Ingersoll Rand	High Service	2,950	1989	2019	2015
D Basin - No. 14	Ingersoll Rand	High Service	2,950	1989	2019	2010
D Basin - No. 15	Ingersoll Rand	High Service	2,950	1989	2019	1998
D Basin - No. 16	Ingersoll Rand	High Service	2,950	1989	Never	2016
D Basili - No. 10	ingerson Ranu			1909	Nevel	2010
Pump Room - No. 1	Peer	Distribution Booster	8,800	1954	Never	Never
Pump Room - No. 2	Peer	Distribution Booster	8,800 8,800	1954		
		Distribution Booster			Never	Never
Pump Room - No. 3	Peer		8,800 8,800	1954 1954	Never	Never
Pump Room - No. 4	Peer	Distribution Booster Stratmann S	,	1954	Never	Never
Stratmann - No. 1	Dettersor			2024	2021	2021
	Patterson	Distribution Booster	9,722	2021		
Stratmann - No. 2	Patterson	Distribution Booster	9,722	2021	2021	2021
Stratmann - No. 3	Patterson	Distribution Booster	9,722	2021	2021	2021
Stratmann - No. 4	Patterson	Distribution Booster	9,722	2021	2021	2021
Stratmann - No. 5	Patterson	Distribution Booster	9,722	2021	2021	2021
Stratmann - No. 6	Patterson	Distribution Booster	9,722	2021	2021	2021

	Pg W-18 St.	Louis Attachment - Pumps	January 1 - Dece	mber 31, 2022		
		-	Rated Capacity	·		Date of Last
Identification number, description, etc of each		Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
		Distribution Tank Sites /	Booster Stations			•
AFTN #2 - No. 1	Allis Chalmers	Distribution	2,500	1967	Never	Never
AFTN #2 - No. 2	Allis Chalmers	Distribution	2,500	1967	Never	Never
AFTN #2 - No. 3	Allis Chalmers	Distribution	2,500	1967	Never	Never
AFTN #2 - No. 4	Allis Chalmers	Distribution	2,500	1967	(Rebuilt) 2018	(Rebuilt)2018
AFTN #1 - No. 5	Allis Chalmers	Distribution	2,500	N/A	N/A	N/Á
AFTN #1 - No. 6	Allis Chalmers	Distribution	2,500	N/A	N/A	N/A
AIRP - No. 1	Allis Chalmers	Distribution	3,850	1981	Never	Never
AIRP - No. 2	Allis Chalmers	Distribution	3,850	1981	Never	Never
AIRP - No. 3	Fairbanks Morse	Distribution	5,900	N/A	N/A	N/A
BOHN - No. 2	Ingersoll Rand	Distribution	2,500	1955	Never	Never
BOHN - No. 3	Ingersoll Rand	Distribution	2,500	1955	Never	Never
BOHN - No. 4	Ingersoll Rand	Distribution	2,500	1955	Never	Never
BOHN - No. 5	Ingersoll Rand	Distribution	2,500	1955	Never	Never
BXBS - No. 1	Franklin	Distribution	3,250	2018	2018	2018
BXBS - No. 2	Franklin	Distribution	3,250	2018	2018	2018
BXBS - No. 3	Weinman	Distribution	4,200	2018	2018	2018
BXBS - No. 4	Franklin	Distribution	3,250	2018	2018	2018
BXTK - No. 1	Allis Chalmers	Distribution	2,100	1968	2019	2019
BXTK - No. 2	Allis Chalmers	Distribution	2,100	1968	2019	2019
BXTK - No. 3	Allis Chalmers	Distribution	2,100	1968	2019	2019
BXTK - No. 4	Weinman	Distribution	2,200	2018	2019	2019
CARM - No. 1	Ingersoll Rand	Distribution	2,500	1975	Never	Never
CARM - No. 2	Allis Chalmers	Distribution	2,500	1977	Never	Never
CARM - No. 3	Berkeley	Distribution	2,500	2010	2010	2010
CARM - No. 4	Allis Chalmers	Distribution	2,500	1981	Never	Never
CFLD - No. 1	Aurora	Distribution	4,500	2015	2015	2015
CFLD - No. 2	Fairbanks	Distribution	7,000	1996	2019	N/A
CFLD - No. 3	Aurora	Distribution	4,500	2015	2015	2015
CHRY - No. 1	Fairbanks	Distribution	2,000	1989	Never	Never
CHRY - No. 2	Fairbanks	Distribution	2,000	1989	Never	Never
CHRY - No. 3	Fairbanks	Distribution	2,000	1989	Never	Never
CHRY - No. 4	Fairbanks	Distribution	2,000	1989	Never	Never
CLAM - No. 1	Mueller	Distribution	2,800	1986	1986	1986
CLAM - No. 2	Mueller	Distribution	2,800	1986	1986	1986
CLAT - No. 1	Allis Chalmers	Distribution	2,400	1962	Never	Never
CLAT - No. 2	Allis Chalmers	Distribution	2,400	1962	Never	Never
CLAT - No. 2 CLAT - No. 3	Allis Chalmers	Distribution	2,050	1962	Never	Never
CLAT - No. 4	Allis Chalmers	Distribution	2,050	1962	Never	Never
FEFE - No. 1			2,050	2019	2019	2019
FEFE - INU. I	Allis Chalmers	Distribution	2,900	2019	2019	2019

	Pg W-18 St.	Louis Attachment - Pumps				
			Rated Capacity	/		Date of Last
Identification number, description, etc of each		Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
		Distribution Tank Sites /	Booster Station			
FEFE - No. 2	Allis Chalmers	Distribution	2,900	2019	2019	2019
FEFE - No. 3	Allis Chalmers	Distribution	2,900	2019	2019	2019
FEFE - No. 4	Allis Chalmers	Distribution	2,900	2019	2019	2019
FLOR - No. 1	Fairbanks	Distribution	2,100	2022	2022	2022
FLOR - No. 2	Fairbanks	Distribution	2,100	2022	2022	2022
FLOR - No. 3	Fairbanks	Distribution	2,100	2022	2022	2022
FLOR - No. 4	N/A	Distribution	N/A	N/A	N/A	N/A
FOER - No. 1	Allis Chalmers	Distribution	2,100	N/A	N/A	N/A
FOER - No. 2	Allis Chalmers	Distribution	2,100	N/A	N/A	N/A
FOER - No. 3	Allis Chalmers	Distribution	2,100	N/A	N/A	N/A
FOER - No. 4	Allis Chalmers	Distribution	2,100	N/A	N/A	N/A
GRVR - No. 1	Aurora	Distribution	750	2012	2012	2012
GRVR - No. 2	Aurora	Distribution	750	2011	2011	2011
HAWK - No. 1	Allis Chalmers	Distribution	2,400	N/A	(Rebuilt) 2018	(Rebuilt) 2018
HAWK - No. 2	Allis Chalmers	Distribution	2,400	N/A	N/A	N/A
HAWK - No. 3	Cornell	Distribution	2,275	2012	2012	2012
HAZL - No. 1	Allis Chalmers	Distribution	3,400	1959	1959	N/A
HAZL - No. 2	Allis Chalmers	Distribution	3,400	1959	1959	N/A
HAZL - No. 3	Franklin	Distribution	3,500	2019	2019	2019
HAZL - No. 4	Franklin	Distribution	3,500	2019	2019	2019
HAZL - No. 5	Franklin	Distribution	3,500	2019	2019	2019
HAZL - No. 6	Franklin	Distribution	3,500	2018	2018	2018
KEHR - No. 1	Franklin	Distribution	2,800	2018	2018	2018
KEHR - No. 2	Franklin	Distribution	2,800	2018	2018	2018
KEHR - No. 3	Franklin	Distribution	2,800	2018	2018	2018
KEHR - No. 4	Franklin	Distribution	2,800	2018	2018	2018
LIND - No. 1	Flowserve	Distribution	8,150	2008	Never	Never
LUCS - No. 1	Cornell	Distribution	2,100	2021	2021	2021
LUCS - No. 2	Cornell	Distribution	2,100	2021	2021	2021
MEHL - No. 1	Ingersoll Rand	Distribution	2,500	1957	Never	Never
MEHL - No. 2	Ingersoll Rand	Distribution	2,500	1957	Never	Never
MEHL - No. 3	Ingersoll Rand	Distribution	2,500	1957	Never	Never
MEHL - No. 4	Ingersoll Rand	Distribution	2,500	1961	Never	Never
NORW - No. 1	Allis Chalmers	Distribution	2,100	1963	Never	Never
NORW - No. 2	Allis Chalmers	Distribution	2,100	1963	Never	Never
NORW - No. 3	Allis Chalmers	Distribution	2,100	1963	Never	Never
NORW - No. 4	Allis Chalmers	Distribution	2,100	1963	Never	Never
OAKV - No. 1	Aurora	Distribution	1,200	2014	2014	2014
OAKV - No. 2	Aurora	Distribution	1,200	2014	2014	2014
OAKV - NO. 2 OAKV - No. 3	Allis Chalmers	Distribution	1,020	1991	2014 Never	Never
OHFL - No. 1		Distribution	2,500	N/A	N/A	N/A
OHFL - No. 1 OHFL - No. 2	Worthington	Distribution	2,500	N/A N/A	N/A N/A	N/A N/A
OHFL - No. 2 OHFL - No. 3	Worthington Worthington	Distribution	2,500	N/A N/A	N/A N/A	N/A N/A
	worunnyton		2,300	in/A	in/A	N/A

Pg W-18 St. Louis Attachment - Pumps January 1 - December 31, 2022

-	Pg W-18 St.	Louis Attachment - Pumps				
			Rated Capacity	/		Date of Last
Identification number, description, etc of each		Type (i.e., High Service,	(gallons per			Pump
pump:	Manufacturer	Well, Standby, etc.)	minute):	Date Installed	Date of Last Motor Replacement	Replacement
		Distribution Tank Sites /	Booster Station	S		
OHFL - No. 4	Worthington	Distribution	2,500	N/A	N/A	N/A
PDVB - No. 1	Goulds	Distribution	235	N/A	N/A	N/A
PDVB - No. 2	Goulds	Distribution	235	N/A	N/A	N/A
PDVT - No. 1	Peerless	Distribution	300	2011	2011	2011
PRIN - No. 1	Allis Chalmers	Distribution	5,500	N/A	N/A	N/A
PRIN - No. 2	Allis Chalmers	Distribution	5,500	N/A	N/A	N/A
REMO - No. 1	Aurora	Distribution	700	2022	2022	2022
REMO - No. 2	Peerless	Distribution	70	N/A	N/A	N/A
REMO - No. 3	Ingersoll Rand	Distribution	1,000	N/A	N/A	N/A
RKHL - No. 1	Peerless	Distribution	6,000	N/A	N/A	N/A
RKHL - No. 2	Peerless	Distribution	6,000	N/A	N/A	N/A
ROSE - No. 1	Mueller	Distribution	1,000	N/A	N/A	N/A
ROSE - No. 2	Mueller	Distribution	1,000	N/A	N/A	N/A
ROSE - No. 3	Allis Chalmers	Distribution	1,550	N/A	N/A	N/A
ROSE - No. 4	Allis Chalmers	Distribution	1,550	N/A	N/A	N/A
SAPP - No. 1	Ingersoll Rand	Distribution	2,500	1954	Never	Never
SAPP - No. 2	Ingersoll Rand	Distribution	2,500	1954	Never	Never
SAPP - No. 3	Ingersoll Rand	Distribution	2,500	1954	Never	Never
SAPP - No. 4	Ingersoll Rand	Distribution	2,500	1954	Never	Never
STRK - No. 1	Fairbanks	Distribution	5,800	N/A	N/A	N/A
STRK - No. 2	Fairbanks	Distribution	5,800	N/A	2012	N/A
TESN - No. 1	Allis Chalmers	Distribution	2,500	1967	Never	Never
TESN - No. 2	Allis Chalmers	Distribution	2,500	1967	Never	Never
TESN - No. 3	Allis Chalmers	Distribution	2,500	1967	Never	Never
TESN - No. 4	Allis Chalmers	Distribution	2,500	1967	Never	Never
TLGF - No. 1	Peerless	Distribution	1,040	1982	Never	Never
TLGF - No. 2	Peerless	Distribution	1,040	1982	Never	Never
VLLY - No. 1	Mueller	Distribution	3,750	1987	Never	Never
VLLY - No. 2	Mueller	Distribution	3,750	1987	Never	Never
VLLY - No. 3	Mueller	Distribution	2,800	1987	Never	Never
VLLY - No. 4	Mueller	Distribution	2,800	1987	Never	Never
VLPK - No. 1	Weinman	Distribution	2,800	N/A	N/A	N/A
VLPK - No. 2	Weinman	Distribution	3,750	N/A	N/A	N/A
VLGV - No. 1	Peerless	Distribution	1,000	2018	2018	2018
VLGV - No. 2	Peerless	Distribution	1,000	N/A	N/A	N/A
WALT - No. 1	Aurora	Distribution	2,100	2014	2014	2014
WALT - No. 2	Ingersoll Rand	Distribution	2,500	1976	1976	N/A
WALT - No. 3	Ingersoll Rand	Distribution	2,600	1976	1976	N/A
WALT - No. 4	Aurora	Distribution	2,100	2014	2014	2014
WARS - No. 1	Peerless	Distribution	6,000	N/A	N/A	N/A
WARS - No. 2	Peerless	Distribution	6,000	N/A	N/A	N/A
WILD - No. 1	Layne-Bowler	Distribution	480	N/A	N/A	N/A
WILD - No. 2	Layne-Bowler	Distribution	480	N/A	N/A	N/A

PUMPS Tri County District - Stonebridge Operations including Forest Lake

Tri Cou	Tri County District - Stonebridge Operations including Forest Lake							
1 2 Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement				
3 Stonebridge Well 1	390 gpm	05/01/04						
4 Forest Lake Well 2	325 gpm	2006	2021	2021				
5								
6								
7								
8								
9								
10								
11								
12								

13		Stonebridge MO5031086	Forest Lake MO5036198	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	
15	Year Constructed	1994	2005	
16	21 ·	Drilled 10" ID New Wrought Steel	Drilled Steel	
17	Type of Casing	TO TO New Wrought Steel		
18	Depth and Diameter of Well	1,310 ft x 10" dia	506 ft X 17" dia	
19	Yield of Well in Gallons per day	1,000,000	496,800	
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):			
21	Туре -	Liquid Chlorine	Liquid Chlorine	
22	Cost -			
23	Quantity -	558 lbs	152 lbs	

For the calendar year of January 1 - December 31

		Table Rock Estates Operations					
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan	
3	TRE Well 1	35 gpm	1972	2003	2003	ne: N	
4	TRE Well 2	35 gpm	1981	2013	2013	Missouri-	
5						uri-An	
6						America	
7						an Water	
8							
9						Company	
10						Ÿ	
11							
12							

PUMPS

WELLS

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)				
15	Year Constructed	1972	1981		
16	Type of Construction	Drilled	Drilled		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	245' 6"	467' 6"		
19	Yield of Well in Gallons per day				
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

		Tri County District - Tri-State						
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan		
3	Well 4	600 gpm	1987	2014	2014	me: N		
4	Well 5	1,000 gpm	1994	2018	2018	Missou		
5	Well 6	1,000 gpm	2020			ri-A		
6						merican		
7						n Water		
8						-		
9						Company		
10						~		
11								
12								

PUMPS

WELLS

13		Tri State Well #4 5024601104	Tri State Well #5 5024601105	Tri State Well #6	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep	Deep	
15	Year Constructed	1987	1994	2020	
16	Type of Construction	Drilled	Drilled	Drilled	
17	Type of Casing	Steel	Steel	Steel	
18	Depth and Diameter of Well	1,665' x 12"	1,591' x 14"	1,300' x 14"	
19	Yield of Well in Gallons per day	1,008,000	1,254,240	1,440,000	
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -	Gas chlorine	Gas chlorine	Liquid Chlorine	
22	Cost -				
23	Quantity -	150 lbs	150 lbs	558 lbs	

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For the calendar year of January 1 - December 31

	PUMPS Wardsville					
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	mpany Na
3	high service 1	300 gpm	1991	N/A	N/A	ime: N
4	high service 2	300 gpm	N/A	N/A	N/A	Missouri-American
5						ıri-An
6						ıerica
7						n Water
8						er Co
9						Company
10						
11						
12						

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	deep	deep		
15	Year Constructed	1967	1991		
16	Type of Construction	drilled	drilled		
17	Type of Casing	steel	steel		
18	Depth and Diameter of Well	925' of 8"	1090 8"		
19	Yield of Well in Gallons per day	300	300		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	Bleach	Bleach		
21	Туре -	12.5% bleach	12.5% bleach		
22	Cost -				
23	Quantity -	100 LBS week	100 LBS week		

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For the calendar year of January 1 - December 31

	PUMPS St. Charles Operations (Warren County)							
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan		
3	TESC Motors 10 HP Standby Pump #1	135 gpm	2004	Motor out of service 9/2005	Pump out of service 9/2005	ime:		
4	TESC Motors 10 HP Standby Pump #2	135 gpm	2004	Motor out of service 9/2005	Pump out of service 9/2005	Missouri-American		
5	TESC Motors 10 HP Standby Pump #3	135 gpm	2004	Motor out of service 9/2005	Pump out of service 9/2005	uri-An		
6	Franklin Motor on a Grundfos submersible well pump	260 gpm	1981	NA	NA	nerica		
7						n Water		
8						ter Co		
9						Company		
10						Ÿ		
11								
12								

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep Well #1			
15	Year Constructed	1981			
16	Type of Construction	Rock Hole			
17	Type of Casing	Steel			
18	Depth and Diameter of Well	1,550 FT			
19	Yield of Well in Gallons per day	417,600 gpd			
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):	None			
21	Туре -				
22	Cost -				
23	Quantity -				

	PUMPS Warrensburg Operations					
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nan
4 5 7 8 9	Goulds - Well #6 Pump Grundfros - Well #7 Pump Grundfros - Well #8 Pump Goulds Turbine - Well #9 Pump National - High Service Pump #1 National - High Service Pump #2 National - High Service Pump #3 Floway - High Service Pump #4 Paco - Marr Road Booster Pump #1 Paco - Marr Road Booster Pump #2	750 gpm 800 gpm 1,120 gpm 1,100 gpm 1,000 gpm 1,600 gpm 1,600 gpm 1,600 gpm 1500 gpm 500 gpm 500 gpm 1,200 gpm 1,200 gpm	1963 1963 1963 1972 1972 1963 1963 1963 2000 2006 2006 2006 2006 2006	1998 1998 2017 2021 2021 2000 2008 2000 2000 2000 2006 2006 2006	Replaced 1998-Rebuilt 2012 Replaced 1998-Rebuilt 2010 2017 2019 2014 2008 2008 2008 2000 2000 2006 2006 2006	me: Missouri-American Water Company

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	#5 - Deep Well	#6 - Deep Well	#7 - Deep Well	#8 - Deep Well
15	Year Constructed	1963	1963	1963	1972
16	Type of Construction	Drilled and Cased	Drilled and Cased	Drilled and Cased	Drilled and Cased
17	Type of Casing	Cast Iron	Cast Iron	Cast Iron	Ductile Iron
18	Depth and Diameter of Well	712' x 10"	675' x 10"	705' x 12"	737' x 12"
19	Yield of Well in Gallons per day	0.218 MGD	0.421 MGD	0.624 MGD	0.664 MGD
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

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For the calendar year of January 1 - December 31 2022

		<u>РUМ</u> Warrensburg	<u>PS</u> Operations			ç
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement	ompany Nar
3	N/A					me: N
4						Missou
5						uri-Ame
6						erican
7						ı Wate
8						r Co
9						mpany
10						
11						
12						

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	#9 - Deep Well			
15	Year Constructed	1999			
16	Type of Construction	Drilled and Cased			
17	Type of Casing	Ductile Iron			
18	Depth and Diameter of Well	800' x 12"			
19	Yield of Well in Gallons per day	0.381 MGD			
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
J 22	Cost -				
23	Quantity -				

		<u>РUМ</u> Whitebranch	<u>PS</u> Operations		
1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement
3	Whitebranch Well # 1	245 gpm	1993	2015	2015
4	Whitebranch Well # 5	11 gpm	1971		
5					
6					
7					
8					
9					
10					
11					
12					

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep		
15	Year Constructed	1993	1971		
16	Type of Construction	Drilled	Drilled		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	805' x 8" dia	280' x unknown		
19	Yield of Well in Gallons per day	230,400	14,400		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Туре -				
22	Cost -				
23	Quantity -				

For the calendar year of January 1 - December $31\frac{2022}{2}$

PUMPS
Tri County District -Woodland Manor Operations

1 2	Manufacturer and Type (i.e., High Service, Well, Standby, etc.)	Capacity	Date Installed	Date of Last Motor Replacement	Date of Last Pump Replacement
3	Woodland Manor Well 2	50 gpm	1999		
4	Woodland Manor Well 3	150 gpm	1999	2022	2022
5					
6					
7					
8					
9					
10					
11 12					

13		Number:	Number:	Number:	Number:
14	Description (i.e., Deep, Artisian, Spring, etc.)	Deep	Deep		
15	Year Constructed	1999	1999		
16	Type of Construction	Drilled	Drilled		
17	Type of Casing	Steel	Steel		
18	Depth and Diameter of Well	6"	8"		
19	Yield of Well in Gallons per day	43,200	216,000		
20	Chemicals (i.e., Provide Type, Cost and Quantities of Each):				
21	Type -	Liquid Chlorine	Liquid Chlorine		
22	Cost -				
23	Quantity -	152 lbs	152 lbs		

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Company Name: Missouri-American Water Company

Company Name Missouri-American Water Company

the company. 1	report must be verified b The oath required may t aws of the State in which	y the oath of the President, Trea be taken before any person aut the same is taken.	isurer, General Manag thorized to administe	ger or Receiver of r an oath (Notary
		ОАТН		
State Of		Aissouri }		
County Of	S	t. Louis }	SS:	
		ard Svindland ompany Official/Representative)	makes oath and	says that
s/he is	Officia	President al Title of the Affiant(Company Off	icial/Representative)	
of	Exact Legal T	Missouri American Water C itle or Name of the Respondent (lame)
and is located a	t727 Address and Tel examined the foregoing r	itle or Name of the Respondent (7 Craig Road, St. Louis, MO 6314 Pephone Number of the Affiant(Co report; that to the best of his or h	Certificated Company N 1, (314) 996-2363 Ompany Official/Repress er knowledge, informa	entative) ation, and belief
and is located a hat s/he has 1) Ill statements o business and af Company's cont contacts are cor	t727 Address and Tel examined the foregoing r f fact contained in the sai fairs of the above-named fact information in EFIS; t rect.	itle or Name of the Respondent (7 Craig Road, St. Louis, MO 6314 lephone Number of the Affiant(Co report; that to the best of his or hi id report are true and the said rep respondent, and 2) examined (ar to the best of his or her knowledg	Certificated Company N 1, (314) 996-2363 Ompany Official/Repress er knowledge, informa port is a correct staten nd updated as applica	entative) ation, and belief nent of the ble) the
and is located a hat s/he has 1) Ill statements o business and af Company's cont	t727 Address and Tel examined the foregoing r f fact contained in the sai fairs of the above-named act information in EFIS; t rect. January 1	itle or Name of the Respondent (7 Craig Road, St. Louis, MO 6314 lephone Number of the Affiant(Co report; that to the best of his or he id report are true and the said rep respondent, and 2) examined (ar to the best of his or her knowledg ,2022, to and including	Certificated Company N 1, (314) 996-2363 ompany Official/Represe er knowledge, informa bort is a correct statem nd updated as applica ge, information, and be December 31	entative) ation, and belief nent of the ble) the elief, all listed 2022
and is located a hat s/he has 1) Ill statements o business and af Company's cont contacts are cor	t727 Address and Tel examined the foregoing r f fact contained in the sai fairs of the above-named fact information in EFIS; t rect.	itle or Name of the Respondent (7 Craig Road, St. Louis, MO 6314 lephone Number of the Affiant(Co report; that to the best of his or hi id report are true and the said rep respondent, and 2) examined (ar to the best of his or her knowledg	Certificated Company N 1, (314) 996-2363 ompany Official/Represe er knowledge, informa port is a correct statem nd updated as applica ge, information, and b	entative) ation, and belief nent of the ble) the elief, all listed
and is located a hat s/he has 1) Il statements o business and af company's cont ontacts are cor	t727 Address and Tel examined the foregoing r f fact contained in the sai fairs of the above-named act information in EFIS; t rect. January 1	itle or Name of the Respondent (7 Craig Road, St. Louis, MO 6314 lephone Number of the Affiant(Co report; that to the best of his or his id report are true and the said rep respondent, and 2) examined (ar to the best of his or her knowledg ,, to and including Year Signature of Affiant (Co	Certificated Company N 1, (314) 996-2363 ompany Official/Represe er knowledge, informa bort is a correct statem nd updated as applica ge, information, and be December 31	entative) ation, and belief nent of the ble) the elief, all listed 2022 Year tative)
and is located a hat s/he has 1) all statements o business and af Company's cont contacts are cor from	t	itle or Name of the Respondent (7 Craig Road, St. Louis, MO 6314 lephone Number of the Affiant(Co report; that to the best of his or his id report are true and the said rep respondent, and 2) examined (ar to the best of his or her knowledg ,, to and including Year Signature of Affiant (Co	Certificated Company N 1, (314) 996-2363 pompany Official/Represe er knowledge, information port is a correct stater nd updated as applica ge, information, and be December 31 Month/Day pompany Official/Represen id, you <u>must</u> use '/s/' before the	entative) ation, and belief nent of the ble) the elief, all listed 2022 Year tative) name.)
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See the instructions for more information to complete this page.