2023 FISCAL REPORT WATER UTILITY



WATER TREATMENT PLANT, MCBAINE

Water supplied to Columbia's Distribution System

Total: 4886.41 million gallons

Average Daily Pumpage: 13.39 million gallons

Maximum Daily Pumpage: 19.90 million gallons

Pumpage from eighteen gravel-packed wells near McBaine:

Total: 5016.87 million gallons

Average Daily Pumpage: 13.74 million gallons

WATER DEPARTMENT WORK

		Water Facility Adjus	tments						
	Work dor	ne by or at the expense of our Department due to	street an	d highw	ay cons	truction	:		
				Length of Completed Water Lines					
Engr#	Date Completed	Project Name	2"	4"	6"	8"	12"	16"	24
202206	13-Oct-22	Bray Ave Relocation			95				+
	•	Totals :	0	0	95	0	0	0	0
		Total Mains Adjusted:			95	L.F.			
		(Not added to system)							
		Water Facility Replac	ements	5					
				L	ength of	Comple	ted Water L	ines	
Engr#	Date Completed	Project Name	2"	4"	6"	8"	12"	16"	20
201530 202015	3-Aug-23	Brown Station Rd 16"- Route B to Peabody		40	050	126	14	562	_
202013	2-Dec-22	Walnut St, Melbourne - William Totals :	0	10 10	959 959	12 138	14	562	0
							_		
		Total Mains Replaced: (Not added to system)			1683	L.F.	J		
		Water Facility Instal	lations						
				Length of Completed Water Lines					
Engr#	Date Completed	Project Name	2"	4"	6"	8"	12"	16"	24
									+
	l	I Totals :	0	0	0	0	0	0	0
					_		1		-
		Total Mains Installed: (Added to system)			0	L.F.	_		
	•	Loop Closures	5						
					ength	of Cou	mnleted \	Vater Line	
					-crigui	01 001	npicted	vater Enr	
ork Ord	ler Date Comple	tec Project Name		4"		6"	8"	12"	16
			Totals :	. 0		0	0	0	0
					-		1		
		Total Mains In				0	L.F.		
		(Added to	system))					
tal Den	partment Work (Including Adjustments and Installations)				1778	L.F.		
		5 .,	tractors				L.F.		

DEVELOPER WORK

Public Mains

Length of Completed Water Lines

Engr#	Date Completed	Project Name	2"	4"	6"	8"	12"	Est. Cost	Est. Payment
202306	27-Sep-23	Forest Hills Plat No 3	537		832			\$73,561.54	
202303	2-Jun-23	Hydrant Install			2			\$125.48	
202304	18-Apr-23	Vandiver South - 2100 Lake Ridgeway Rd					544	\$69,724.48	\$21,303.50
202225	27-Feb-23	Greenville Subdivision				465		\$36,497.85	\$19,056.91
202216	16-Feb-23	Vintage Falls Plat 3	599		1531			\$119,883.16	
202231	5-Jan-23	The Villages At Arbor Pointe- Plat 6			1379	307		\$110,614.89	
202105	1-Dec-22	Cottages at Evergreen Place			1292			\$81,060.08	
•	<u> </u>	Totals:	1136	0	5036	772	544	\$491,467.48	\$40,360.41

Total Developer Installed Mains: (Added to system)

7488 L.F.

Total Estimated Cost of Differential Payments:

\$40,360.41

Private Mains

Length of Completed Water Lines

Engr#	Date Completed	Project Name	2"	4"	6"	8"	12"
		Christian Fellowship School-4600 Christian					
202322	25-Sep-23	Fellowship Rd.			290		
202314	12-Jun-23	Club Car Wash - 505 Conley Rd		99	144		
		Quaker Oats Wastewater Bldg- 4501 Paris					
202313	12-Jun-23	Road (Bldg 2)			59	8	
		Food Pantry - 705 W Business Loop 70-					
202303	2-Jun-23	Fire Hydrant Install			4		
202304	18-Apr-23	Vandiver South - 2100 Lake Ridgeway Rd			26		
202230	1-Dec-22	5000 Artemis Drive			106		
202215	12-Nov-22	U-Haul- 900 I70 Dr SW & 738 Sexton Rd				488	
202210	19-Sep-23	Russell Blvd Elementary School			170		
201905	3-Aug-23	ISLAMIC CENTER GYM			212	18	
202228	12-Jun-23	3621 Discovery Parkway			142		
202224	12-Jun-23	Quaker Oats Line 8 - 4501 Paris Road				414	
202218	12-Jun-23	The Kitchen - 3711 Discovery Pkwy			703	18	
202309	17-Apr-23	Circle of Love Daycare - 1010 Fay Street		61			
202201	17-Apr-23	1201 N College Ave		38			
202227	14-Feb-23	Rock Bridge Business Park			592		
202217	17-Oct-22	3614 & 3618 Endeavor Avenue			73		
202219	13-Oct-22	Plaza Tire, Westbury - 4312 Faurot Drive			70		
202205	13-Oct-22	Freedom House- 107 N William		22	36		
202221	3-Oct-22	Club Car Wash 1591 E Prathersville Road			426		
		Totals :	0	220	3053	946	0

Total Developer Installed Private Mains:

4219 L.F.

(Not added to system)

WATER DISTRIBUTION SYSTEM

Fire Hydrants	
34 New locations	
0 Removed hydrants	
17 Replaced obsolete or damaged hydrants	
6360 Total Hydrants in the System as of 9-30-23	
Water Services	
342 Meters Changed	
768 New Meters Added	
67 Meters were removed	

Current Columbia Water Services

47025 Residential Meters

4899 Commercial meters

51924 Meters in system as of 9-30-23

Water Distribution System Statistics

Total footage of distribution system as of September 30, 2022	3705400 feet
	701.78 miles
Total Footage of main installed during FY 2023	7488 feet
	1.42 miles
Total footage of distribution system as of September 30, 2023	3712888 feet
	703.20 miles
Total number of fire hydrants as of September 30, 2023	6360
Total number of water meters as of September 30, 2023	51924
Total Footage of main adjusted during FY 2023	95 feet
Total Footage of main replaced during FY 2023	1683 feet
Total Service Area	89.18 sq. miles