

Water Department Monthly Report
July, 2024

Operations

1. During monthly operations, the Water Plant remained in compliance with both federal and state water quality and reporting requirements.
2. Distribution systems pressures and flows met the needs of fire suppression and consumer needs.
3. We continue to gather information to identify service lines for the Lead Service Line Inventory.

Maintenance and Improvements

1. Water Plant and Distribution staff performed required maintenance tasks throughout the month.
2. Staff performed tasks at Elkhead Reservoir that include routine maintenance as well as controlled release changes to accommodate run-off.
3. Distribution staff replaced 360 feet of water main on Cooper Street due to an increasing number of water main breaks. This also necessitated performing 5 new water taps along the stretch.
4. A sizable water main break was repaired along a stretch above US Tractor and Harvest. It required replacing a lengthy stretch of problematic of aging water main.

Water Production Statistics

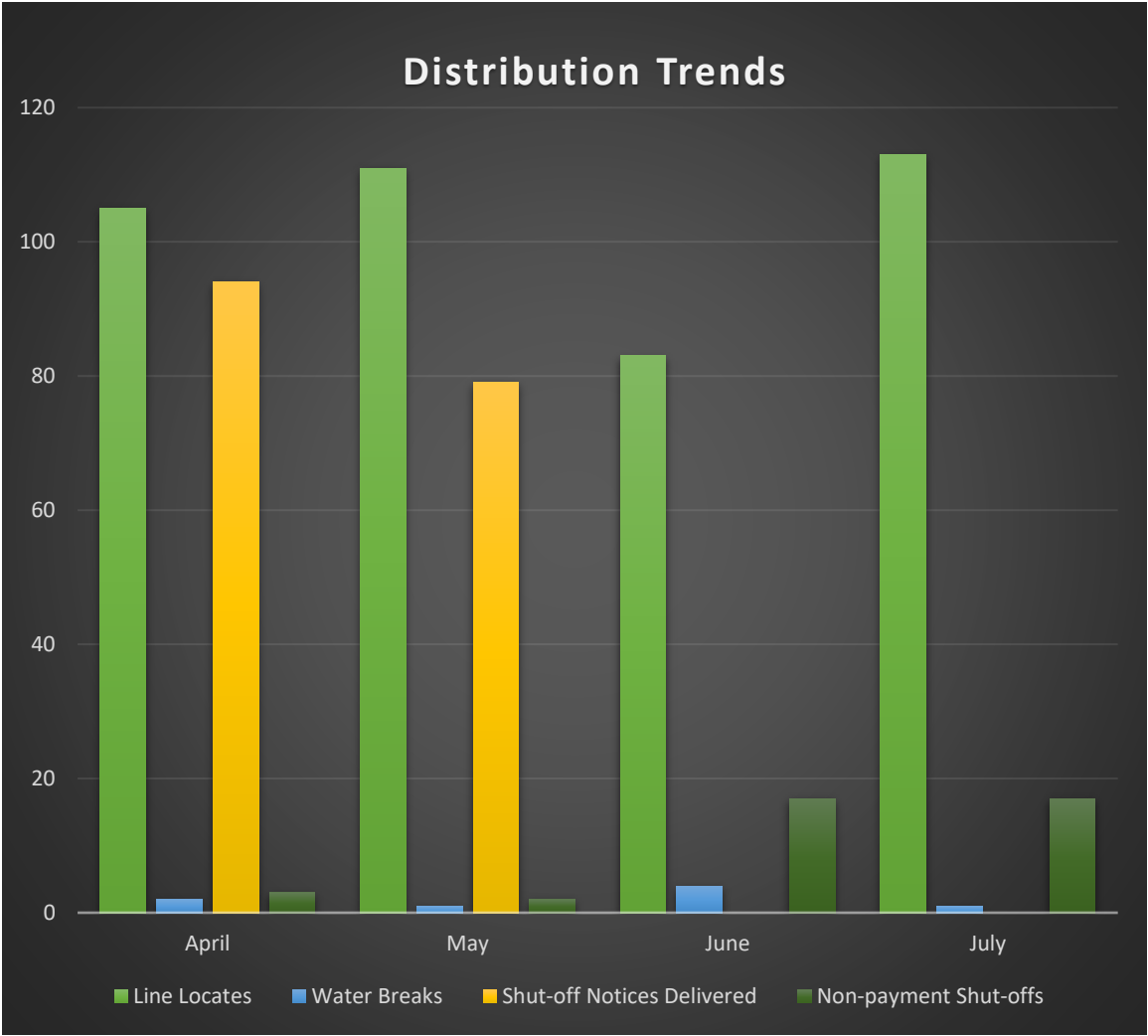
Effluent Total Flow (gallons)	98,222,000
Backwash Total Flow (gallons)	2,317,500
Total Gallons	100,539,500

Total Chemical Cost	\$31,078.99
Total Chemical Cost/MG	\$309.12
ACH and Soda Ash Cost/MG*	\$167.56

Backwash % of Total Flow = 2.310%

Average Daily Production = 3,243,210

ACTIVITY	July, 2024	YTD
Distribution System Operation		
Line Locates	113 (56.5 Man Hrs)	484 (242 Man Hrs)
Hydrants Flushed	7	76
Valves Worked	30	149
Service Turn On/Offs	21	111
Distribution System Maintenance		
Water Breaks	1 - Behind John Deere	10
Service Line Repairs		7
Meters Replaced	4 Upgrade / 1 Frozen	31 Upgrades / 11 Frozen
MXUs Replaced	3	28
Hydrant Repairs	0	6
Taps	5 - Cooper St	6
Other		
Final Reads	20	118
Shut Off Notices Delivered	0	346 (17.3 Man Hrs)
Non-Payment Shut Offs	8	42
Cooper St Main Replace	360ft / 5 services	
AY McDonald Training		
Alice Pleasant Park Service		



Monthly Report

Wastewater

July, 2024

A. Treatment – Operation:

1. Operated treatment plant to comply with State and Federal regulations.
2. Performed daily, weekly, and monthly maintenance as recommended in the manufacturer's manuals.
3. Treated average of 919,000 gallons/day of wastewater.
4. Received and treated 200 gallons of hauled waste.
5. Biosolids are drying in preparation of land application.

B. Collection – Operation:

1. 56 hours used to perform 113 locates.
2. 36 man hours used to hydraulically clean 0.75 miles of sewer main as part of routine (every 5 weeks) maintenance.
3. 77 man hours used to hydraulically clean 4.95 miles of sewer main as part of an annual cleaning program.
4. 9 man hours used to apply herbicide to 0.49 miles of sewer main as part of an annual application program for root-congested areas in the sewer main.

c. Collection – Correction

1. 1 man hour used to respond to a backup complaint at 909 Ranney St. Homeowner stated that sewer backed up into lower drain while they were away. Operator inspected main and found it to be flowing well. For good measure, operator hydraulically cleaned the line and encountered no obstructions. No reported damage in home. Determined to be homeowner's issue.

D. Other:

1. Assisted other departments, local plumbers, and contractors as needed.
2. Analyzed Maybell's Wastewater Plant monthly samples.

RH Borden Priority List

Location	Priority	Corrective Action	Date	Date and Footage Analyzed (RH Borden)	Manhole #s	Man Hours	Operators	Approx Footage
9th/Breeze	Black/ Block	Jetted	7/1/2024	39ft 10/17/23	B736-B77.5	1	JS	50
9th/Breeze	Black/ Block	Jetted	7/1/2024	263ft 10/17/23	B75-B77.5	1	JS	250
5th/Russell	Black/Block	Jetted	7/10/2024	499ft 10/31/23	B26-B32	2	JS/AR/NH/MH	500
Yampa/4th	Red/Poor	Jetted	7/10/2024	499ft 10/31/23	B24-B53	2	JS/AR/MH/NH	500
1st/Juniper	Yellow/Fair	Jetted	7/2/2024	297ft 9/12/23	J86-J88	1	JS/AR	400
Sequoia/Willow	Yellow/Fair	Jetted	7/1/2024	360ft 9/13/23	La45a-La46a	1.5	AR/MH	890
Cottonwood/9th	Yellow/Fair	Jetted	7/1/2024	134ft 9/13/23	La26-La26a	1	AR/MH	150
CR7/Loaf Jug	Yellow/Fair	Jetted	7/2/2024	381ft 10/10/23	L16-L7	1	AR/MH	375
7th ave West/A Street	Yellow/Fair	Jetted	7/1/2024	427ft 10/4/23	H19-H21	1	AR/MH	425
7th ave West/A Street	Yellow/Fair	Jetted	7/1/2024	321ft 10/4/23	H19-H16	1	AR/MH	325
3rd Ave West A Steet	Yellow/Fair	Jetted	7/1/2024	284ft 10/4/23	A72-H2	1	AR/MH	300
4th Ave West/Car Wash	Yellow/Fair	Jetted	7/1/2024	250ft 10/2/23	G42-G43	1	AR/MH	250
Bilising/ West 2nd Street	Yellow/Fair	Jetted	7/2/2024	600ft 9/14/236	G5-G7	1.5	JS/AR	700
Barclay/Hawthorn	Yellow/Fair	Jetted	7/1/2024	287ft 10/16/23	M84-M85	1	MH/AR	420
12th/Breeze	Yellow/Fair	Jetted	7/1/2024	169ft 10/16/23	M68-M69	1	MH/AR	200
10th/School	Yellow/Fair	Jetted	7/1/2024	551ft 10/17/23	B78B-B126	1	MH/AR	500
9th/Yampa	Yellow/Fair	Jetted	7/1/2024	398ft 10/17/23	M1-M4	1	MH/AR	400
10th Ranney	Yellow/Fair	Jetted	7/1/2024	207ft 10/10/23	B106-B107	1	MH/AR	200
9th/Pershing	Yellow/Fair	Jetted	7/1/2024	181ft 10/10/23	B104-B105	1	MH/AR	180
9th/Ledford	Yellow/Fair	Jetted	7/1/2024	321ft 10/10/23	C72A-C72	1	JS	300
6th/Pershing	Yellow/Fair	Jetted/Vac	7/1/2024	327ft 10/31/23	C37-C38	2	MH/AR	620
6th/Steele	Yellow/Fair	Jetted	7/1/2024	541ft 10/11/23	C26-C27-West	1	JS	550
6th/Stout	Yellow/Fair	Jetted	7/1/2024	280ft 10/11/23	C25-C26	1	JS	300

5th/Stout	Yellow/Fair	Jetted	7/1/2024	307ft 10/11/23	C24-C28	1	JS	300
5th/Stout/Green	Yellow/Fair	Jetted	7/1/2024	317ft 11/1/23	C30-C31	1	JS	300
5th/Taylor	Yellow/Fair	Jetted	7/1/2024	160ft 10/11/23	B96-B97	1	JS	150
5th/Taylor	Yellow/Fair	Jet/Vac	7/2/2024	345ft 10/31/23	B39-B96	2	JS/AR	350
5th/School/Breeze	Yellow/Fair	Jetted	7/2/2024	345ft 10/17/23	B37-B71	1	JS/AR	350
4th/Yampa	Yellow/Fair	Jetted/Vac	7/10/2024	657ft 10/31/23	B24-B25-B26-B27	8	JS/AR/MH/NH	800
11th/Legion	Yellow/Fair	Jetted	7/11/2024	591ft 10/9/23	N85-N84.6-N84.7	1	JS/AR	600
Hudak/Van Dorn	Yellow/Fair	Jetted	7/11/2024	153ft 10/9/23	N120-N137	1	JS/AR	153
11th/Kowach	Yellow/Fair	Jetted	7/12/2024	162ft 10/9/23	N125-N126	1	AR	160
Baker/Crockett	Yellow/Fair	Jetted	7/12/2024	302ft 10/5/23	P47-P45	1	AR	320
7th/Jermiah	Yellow/Fair	Jetted	7/11/2024	407ft 10/9/23	P93-P94	1	AR/JS	400
E. Victory/Ashley	Yellow/Fair	Jetted	7/11/2024	171ft 10/31/23	P11-P85	1	AR/TS	225
E. Victory/Walker	Yellow/Fair	Jetted	7/16/2024	625ft 10/30/23	R17-R14	1	AR/TS	400
KOA/HWY 40	Yellow/Fair	Jetted	7/11/2024	629ft 10/30/23	R34-R35-R36	1	AR/TS	320
E. Victory/Mccoy	Yellow/Fair	Jetted	7/17/2024	212ft 10/19/23	P7-P8	1	AR	250
7th/Marland	Yellow/Fair	Jetted	7/11/2024	236ft 10/18/23	N168-N172	1	TS/AR	221
10th/Washington	Yellow/Fair	Jetted	7/11/2024	401ft 10/12/23	N36-N62	1	TS/AR	400
9th/Rose/Washington	Yellow/Fair	Jetted	7/11/2024	644ft 10/17/23	N27-N29	1	TS/AR	700
8th/Tucker	Yellow/Fair	Jetted	7/11/2024	327ft 10/17/23	N183-N184	1	TS/AR	350
City Pool	Yellow/Fair	Jetted	7/17/2024	228ft 10/18/23	N11-N12	1	TS/AR	550
Legion/County Club	Yellow/Fair	Jetted	7/12/2024	319ft 10/19/23	N159-N160	1	AR	320
Legion/5th	Yellow/Fair	Jetted	7/12/2024	316ft 10/19/23	N157-N158-N159	1	JS	300
5th/Lincoln	Yellow/Fair	Jetted	7/12/2024	320ft 10/19/23	N150-N157	1	AR	320
5th/Rose	Yellow/Fair	Jetted	7/16/2024	335ft 10/18/23	B119-N9	1	TS/AR	350
Victory/Russell	Yellow/Fair	Jetted	7/16/2024	117ft 10/31/23	B48-B49	1	JS	100
Victory/Tucker	Yellow/Fair	Jetted	7/16/2024	328ft 10/30/23	B32-B33	1	TS/AR	300
4th/Zejion	Yellow/Fair	Jetted	7/16/2024	407ft 10/19/23	N207-N208-N209	1	JS/MH	400
4th/Lincoln	Yellow/Fair	Jetted	7/16/2024	428ft 10/19/23	N204-N205-N206	1	JS/MH	425
4th/Lincoln	Yellow/Fair	Jetted	7/17/2024	250ft 10/19/23	N204-N207	1	NH/AR	250
Victory/Crescent	Red/Poor	Jet/Vac	7/30/2024	302ft 9/12/23	K22A-K32A	1	TS/AR	400
Stock Dr/1st	Red/Poor	Jet/Vac	7/30/2024	854ft 10/19/23	A33-P98	2	TS/AR	800
Green/Industrial	Yellow/Fair	Jetted	7/31/2024	304ft 10/11/23	C11-C12	1	TS/AR	300
Ranney/Industrial	Yellow/Fair	Jetted	7/31/2024	873ft 10/11/23	B11-B12-B13	1	TS/AR	650
North Yampa	Yellow/Fair	Jetted	7/31/2024	763ft 10/16/23	M20-M21-M22	1	TS/AR	800

OFF RH BORDEN LIST								
Trouble Spots		Jetted	7/8-7/9			30	AR/MH	5350
Jerimiah		Jetted	7/9/2024	Call for Back up	P94-P95	2	JS/TS	350
4th/Russell/Tucker		Jetted	7/10/2024		B26-South	3	JS/AR/MH/NH	550
4th/Russell		Jetted	7/10/2024		B25-B46	2	JS/AR/MH/NH	350
4th/Yampa/Russell		Jetted	7/10/2024		B24-B31	2.5	JS/AR/MH/NH	600
Finley/W 8th Place		Jetted	7/18/2024		F37-East	1	AR	250
Breeze/School/9th		Jetted	7/18/2024		B77.5-B77	1	AR	175
9th/Ranney		Jetted	7/25/2024	Call for Back up	B105-B106	1.5	JS	400
						113		29824
							Totals	

Completed Yearly Percentages	Total Yearly Amount	Year to Date Completed
98%	49	48
72%	44	32
69%	80	55
Red Tiangle (Immediate Attention)		
100%	14	14