

- 1. CALL TO ORDER**
- 2. ADDITIONS OR CORRECTIONS TO AGENDA**
- 3. AUDIENCE INPUT**
- 4. APPROVAL OF MINUTES**
 - a. November 27, 2023 Utility Commission Meeting Minutes
- 5. PRESENTATION**
- 6. OLD BUSINESS**
 - a. 2023 Water Efficiency and Stormwater Rebate Recap
- 7. NEW BUSINESS**
 - a. Summary of Utility Related Inquires and Concerns Reported by Residents in 2023
- 8. EXECUTIVE DIRECTOR'S REPORT**
 - a. 2023 Well Pumping Report & 2024 Well Pumping Report for January and February
 - b. 2023 City Water Usage
 - c. 10-Year Summary of City Water Consumption
 - d. Action Item / Issues list
 - e. Set Next Meeting Agenda – June 24, 2024
- 9. ADJOURNMENT**

CALL TO ORDER

Pursuant to due call and notice thereof, a regular meeting of the Utility Commission was held on Monday, November 27, 2023, at 5:30 PM in the Rosemount Conference Room, 2875 145th Street West.

Chairperson Johnson called the meeting to order with Commissioner Miller. Commissioner Demuth was absent.

Staff present included the following;

Mayor Jeff Weisensel, City Administrator Logan Martin, Public Works Director Nick Egger, and Recording Secretary Amy Simonson.

ADDITIONS OR CORRECTIONS TO AGENDA

None.

AUDIENCE INPUT

None.

APPROVAL OF MINUTES

4.a. October 23, 2023 Utility Commission Meeting Minutes

Motion by Johnson Second by Miller

Motion to approve the October 23, 2023, Utility Commission Meeting Minutes

Ayes: 2.

Nays: None. Motion Carried.

PUBLIC HEARINGS

None.

OLD BUSINESS

6.a. Manganese Outreach

Director Egger updated the Commissioners on continued informational outreach efforts. City staff provided an informational packet to Dakota County Health and Human Services which was disseminated to all pediatric clinics in Dakota County through their electronic notification system.

Although Manganese is not regulated by the Minnesota Department of Health, and public water systems are not required to test for manganese, the City of Rosemount will continue to voluntarily sample and test manganese levels, and staff will continue to highlight the results information during the announcement of the availability of the annual Consumer Confidence (Water Quality) Report each spring, and accessible on the City's website and is featured in the spring newsletter.

NEW BUSINESS

None.

EXECUTIVE DIRECTOR'S REPORT

8.a. Well Pumping Report

Director Egger noted that despite drought conditions, the fall rains helped recover and improve area conditions which have been upgraded from severe drought to abnormally dry. Currently, we are only a couple inches short of the annual average rainfall amount. The fall rains appear to have decreased water demands and pumpage amounts should level off as we move into the low demand season. However, it is noted that pumpage amounts are expected to exceed the 2022 figures to some degree.

Mayor Weisensel inquired if the observed percentage change from 2022, most notable in Q2 of 2022, could be attributed to the establishment of new sod with all the new homes under construction. Director Egger acknowledged that weather typically is the driving factor in water demand. However, determining the significance of this factor would require more in-depth analysis.

8.b. Action Item / Issues list

Director Egger provided a proposed 2024 meeting calendar to the Commissioners for review and approval. Meeting dates proposed for 2024 are:

- March 25, 2024
- June 24, 2024
- September 23, 2024
- October 28, 2024
- November 25, 2024
- December 16, 2024 - tentative, may be canceled

Motion by Johnson Second by Miller

Motion to approve the 2024 meeting calendar for the Utility Commission.

Ayes: 2.

Nays: None. Motion Carried.

8.c. Set Next Meeting Agenda – March 25, 2024

- i. HOA irrigation audits - advertise in early spring
- ii. Annual summary of utility related inquiries/concerns made by residents

ADJOURNMENT

There being no further business to come before the City Council at the regular council meeting and upon a motion by Johnson and a second by Miller, the meeting was adjourned at 5:53 p.m.

Respectfully submitted,

Amy Simonson
Recording Secretary

Utility Commission Regular Meeting: March 25, 2024

AGENDA ITEM: 2023 Water Efficiency and Stormwater Rebate Recap	AGENDA SECTION: OLD BUSINESS
PREPARED BY: Amy Simonson, Public Works Office Specialist Jane Byron, Stormwater Specialist	AGENDA NO. 6.a.
ATTACHMENTS: Water Efficiency and Stormwater Rebate Update	APPROVED BY:
RECOMMENDED ACTION: Informational Only	

BACKGROUND

Summary and updates on the Water Efficiency Rebate and Stormwater Rebate program activity up to March 15, 2024. The current grant period will end on June 30, 2024. Staff is working on the application for the next grant period from July 1, 2024, to June 30, 2026.

RECOMMENDATION

None

Quarterly Water Efficiency Rebate Update:

The City of Rosemount was awarded a Water Efficiency Grant from the Metropolitan Council (MCES) in the amount of \$34,000 for the 2022-24 grant cycle.

As part of this program, the following rebate amounts are allowed:

- \$50 for Water Sense Toilets
- \$150 for Energy Star Washers
- \$150 for Energy Star Dishwashers
- \$150 for Water Sense Irrigation Controllers
- \$200 for Irrigation system audits

The City also partners with the Vermilion River Joint Powers Organization (VRWJPO) to offer funding to multi-family residential properties for low-cost irrigation audits and improvement cost share grants through this funding source. Under the program, HOAs pay \$50 towards the cost of an audit, a savings of several thousand dollars, and are eligible for grants up to 80% of the cost, not to exceed \$1500, for WaterSense improvements recommended in the audit reports. Match dollars for the MCES Grant are split between the City and the VRWJPO, with the VRWJPO handling the management and hiring of the irrigation auditor, and the City managing the WaterSense improvement grant. The City and VRWJPO also provide a grant for non WaterSense audit recommended improvements up to 20% not to exceed \$500. Previous audits through the program have shown HOAs are wasting on average 1 Mgal/yr at a cost of \$4,146 per year on inefficient irrigation.

Two HOAs were audited in 2023. City staff emails the top 10 HOA water users in the spring of each year about the program to encourage interest. The program is also advertised on the City website on its “Rebates & Assistance Programs” page www.RosemountMN.gov/rebates, has been presented to the HOA Leadership Network <https://hoaleadershipnetwork.org/>, and shared with HOAs during other staff/resident contacts. The City has also opened the program up to other multi-family properties that don’t have a governing HOA, such as apartments, through a 2023 agreement amendment with the VRWJPO.

Table 1 provides a summary of the entire rebate program activity.

Table 1	2020	2021	2022	2023	2024
Gallons of Water Saved Annually (est.)	386,800	200,200	*1,665,936	687,136	31,600
Total Rebate	\$4,971.67	\$3,790.26	\$20,436.74	\$11,391.48	\$1,300
Municipality Contribution (25%)	\$1,242.92	\$911.15	\$10,902.94	\$2,922.87	\$325
Irrigation Controllers Replaced:	35	1	18	13	0
Toilets Replaced:	6	1	7	11	2
Clothes Washers Replaced:	8	1	5	8	6

Dishwashers Replaced	0	0	0	3	2
Audits (Residential):	1	0	0	0	0
Commercial Audit In a partnership with the Vermillion River Watershed Joint Powers Organization (VRWJPO) on their Urban Water Conservation Program. 2021 Municipality Contribution partially provided by Stormwater Utility.		6		2	0

**Includes commercial audit annual water savings*

Quarterly Stormwater Rebate Update:

In May 2019, the Utility Commission recommended City Council adopt a rebate program for residents to install projects on their property to improve stormwater quality and reduce runoff volume. In March 2020, City Council approved the Stormwater Rebate Policy and established a maximum amount of \$5,000.

Table 2 provides a summary of the entire rebate program activity.

Number of BMPs installed for each category in (parentheses) following dollar amount listed

Table 2	2020	2021	2022	2023	2024
Total Rebate	\$0	\$147.85	\$77.50	\$1,840.03	\$0
Rain Barrels:	\$0	\$86.94 (5)	\$77.50 (4)	\$40 (2)	\$0
Cisterns & Rainwater Harvesting:	\$0	\$0	\$0	\$0	\$0
Raingardens:	\$0	\$0	\$0	\$1,800.03 (4)	\$0
Native Plantings:	\$0	\$60.91 (1)	\$0	\$0	\$0
Buffers:	\$0	\$0	\$0	\$0	\$0
Stormwater Reuse:	\$0	\$0	\$0	\$0	\$0
Permeable Pavers & Pavements	\$0	\$0	\$0	\$0	\$0

Here is a summary of advertisements of the program in 2023:

- Conserve & Preserve Blog Post <https://rosemountmn.gov/preserve>
- The City Newsletter
- Information at Home & Business Expo in March
- Included in course materials for Landscaping for Clean Water Workshops
- Individual staff contacts with residents
- City staff presence for Q&A at some of the Landscaping for Clean Water Workshops.
- Information at Leprechaun Days Midsummer Faire July 28 & 29
- Summer utility insert

Staff will continue to publicize these programs via social media, city newsletters, staff updates and additional methods.

Utility Commission Regular Meeting: March 25, 2024

AGENDA ITEM: Summary of Utility Related Inquires and Concerns Reported by Residents in 2023	AGENDA SECTION: NEW BUSINESS
PREPARED BY: Amy Simonson, Public Works Office Specialist	AGENDA NO. 7.a.
ATTACHMENTS: 2024.03.20 Summary of Utility Related Issues 2023	APPROVED BY:
RECOMMENDED ACTION: None	

BACKGROUND

At the November 2023 meeting, the Commissioners requested a summary of utility related issues and concerns submitted by residents in 2023.

RECOMMENDATION

None

Summary of Utility Related Inquires and Concerns Reported by Residents in 2023

Below is a list of utility related issues reported by residents and logged by the city in 2023 sorted by issue category as designated in the city's management software system.

Issue	No. of Issues	Details
Curb Stops	54	Shut off requests, locates, broken curb stop, lower curb stop to grade
Drainage Issues	1	Concerns about drainage on private property
Hydrant Issue	8	Requests for city to clear snow from fire hydrants, hydrant flushing inquiries
Illicit Discharge	8	Reports of vehicles with hydraulic leaks, pools emptied into stormwater drains
Manhole Issue	4	Loose manhole covers
Miscellaneous/Other	96	HOA irrigation meter issues, damaged utility boxes/pedestals, inquiries about locates, D&U easements, insurance for private water and sewer line repairs
Pond Issue	12	Inquiries about planting near stormwater ponds, pond mowing, noxious plants near ponds, residents pumping from ponds, stormwater structure damage, stormwater pond easement allowances. Concerns about pond levels or pond water quality.
Sanitary Sewer Issue/ Sewer Back Up or Overflow	17	Inquires on city vs owner responsibility, requests for as-builts
Storm Sewer Issue/ Storm Water Drainage Issue	18	Catch basin issues, erosion control measures around catch basins, clogged storm water inlets due to snow/ice or debris, water coming up from storm water inlet
Utility Company Issue	26	Inquires and concerns regarding ROW permit holders work and restoration, damaged private utility boxes, inquires about getting locates or why locates marked on their property
Water Issue	42	Low water pressure or no water, inquiries on water restrictions, noisy pipes, and city vs. homeowner water line responsibilities
Water Leak	12	Reported leaks from or around water meter, possible water line leaks or water main breaks
Water Meter Issue	26	Leaks from or around water meters or noisy meters
Water Odor	11	Sulfur/rotten egg smell coming from water
Water Quality	57	Discolored water, request for water metrics, hard water stains in sinks and toilets
TOTAL	392	

2023 Well Pumping Record

GPM	1,200	1,235	1,600	1,500	1,500	1,500	2,000	500	500	Precipitation					
2023	Well 7	Well 8	Well 9	Well 12	Well 14	Well 15	Well 16	Rural 1	Rural 2	2023 Total	2022 Total	% Change	2022	2023	Diff
Jan	6,000	1,477,000	15,504,000	3,000	0	22,174,000	0	2,610,000	2,399,000	44,173,000	43,605,500	1.3%	0.64	2.25	1.61
Feb	79,000	10,390,000	6,719,000	243,000	278,000	8,855,000	11,247,000	2,278,000	2,073,000	42,162,000	44,728,400	-5.7%	0.78	2.38	1.60
Mar	0	13,464,000	6,092,000	57,000	8,047,000	0	14,560,000	2,479,000	2,413,000	47,112,000	47,224,000	-0.2%	2.95	2.72	-0.23
Q1 Total	85,000	25,331,000	28,315,000	303,000	8,325,000	31,029,000	25,807,000	7,367,000	6,885,000	133,447,000	135,557,900	-1.6%	4.37	7.35	2.98
Apr	0	0	9,463,000	7,763,000	12,217,000	11,795,000	235,000	2,589,000	2,311,000	46,373,000	44,602,300	4.0%	3.99	2.39	-1.60
May	0	8,653,000	13,881,000	28,378,000	5,451,000	30,114,000	16,530,000	3,865,000	3,909,000	110,781,000	91,616,800	20.9%	3.33	1.62	-1.71
Jun	6,222,000	40,107,000	25,362,000	15,061,000	44,321,000	33,561,000	31,427,000	3,068,000	3,234,000	202,363,000	162,212,500	24.8%	1.13	0.93	-0.20
Q2 Total	6,222,000	48,760,000	48,706,000	51,202,000	61,989,000	75,470,000	48,192,000	9,522,000	9,454,000	359,517,000	298,431,600	20.5%	8.45	4.94	-3.51
Jul	3,571,000	27,269,000	29,349,000	14,232,000	31,570,000	13,873,000	42,077,000	3,554,000	3,206,000	168,701,000	191,696,000	-12.0%	1.18	2.57	1.39
Aug	3,097,000	34,198,000	21,383,000	19,490,000	34,297,000	27,324,000	35,516,000	3,758,000	3,648,000	182,711,000	140,897,000	29.7%	4.27	2.29	-1.98
Sep	2,206,000	28,690,000	13,457,000	12,114,000	31,009,000	47,251,000	10,603,000	3,636,000	2,973,000	151,939,000	137,959,000	10.1%	0.24	5.72	5.48
Q3 Total	8,874,000	90,157,000	64,189,000	45,836,000	96,876,000	88,448,000	88,196,000	10,948,000	9,827,000	503,351,000	470,825,000	6.9%	5.69	10.58	4.89
Oct	0	11,375,000	16,617,000	8,000	1,458,000	17,000	28,438,000	3,150,000	3,044,000	64,107,000	87,864,000	-27.0%	0.24	4.50	4.26
Nov	0	0	17,409,000	0	10,565,000	0	9,738,000	2,773,000	2,757,000	43,242,000	46,602,000	-7.2%	2.40	0.04	-2.36
Dec	0	0	2,676,000	14,019,000	24,867,000	57,000	49,000	2,444,000	2,395,000	46,507,000	50,371,000	-7.7%	1.82	2.28	0.46
Q4 Total	0	11,375,000	36,702,000	14,027,000	36,890,000	74,000	38,225,000	8,367,000	8,196,000	153,856,000	184,837,000	-16.8%	4.46	6.82	2.36
Total	15,181,000	175,623,000	177,912,000	111,368,000	204,080,000	195,021,000	200,420,000	36,204,000	34,362,000	1,150,171,000	1,089,651,500	5.6%	22.97	29.69	6.72
Average/Mo	1,265,083	14,635,250	14,826,000	9,280,667	17,006,667	16,251,750	16,701,667	3,017,000	2,904,455	95,888,538	90,803,911	5.6%			
Average/Day	41,592	481,159	487,430	305,118	559,123	534,304	549,096	99,189	94,142	3,151,153	2,985,347	5.6%			
Year To-Date										1,150,171,000	1,089,378,500	5.6%	22.97	29.69	6.72

Well 15 meter failed and manual readings were taken during this period.

2024 Well Pumping Record

GPM	1,200	1,235	1,600	1,500	1,500	1,500	2,000	500	500						
2023	Well 7	Well 8	Well 9	Well 12	Well 14	Well 15	Well 16	Rural 1	Rural 2	2024 Total	2023 Total	% Change	Precipitation		
													2023	2024	Diff
Jan	0	0	0	17,166,000	1,052,000	25,843,000	0	2,620,000	2,461,000	49,142,000	44,173,000	11.2%	2.25	0.13	-2.12
Feb	0	15,000	16,606,000	73,000	0	114,000	18,910,000	2,472,000	2,387,000	40,577,000	42,162,000	-3.8%	2.38	0.65	-1.73
Mar										0	47,112,000	-100.0%	2.72		-2.72
Q1 Total	0	15,000	16,606,000	17,239,000	1,052,000	25,957,000	18,910,000	5,092,000	4,848,000	89,719,000	133,447,000	-32.8%	7.35	0.78	-6.57
Apr										0	46,373,000	-100.0%	2.39		-2.39
May										0	217,395,000	-100.0%	1.62		-1.62
Jun										0	144,201,000	-100.0%	0.93		-0.93
Q2 Total	0	0	0	0	0	0	0	0	0	0	407,969,000	-100.0%	4.94	0.00	-4.94
Jul										0	154,828,000	-100.0%	2.57		-2.57
Aug										0	174,794,000	-100.0%	2.29		-2.29
Sep										0	151,939,000	-100.0%	5.72		-5.72
Q3 Total	0	0	0	0	0	0	0	0	0	0	481,561,000	-100.0%	10.58	0.00	-10.58
Oct										0	64,107,000	-100.0%	4.50		-4.50
Nov										0	83,727,000	-100.0%	0.04		-0.04
Dec										0	46,507,000	-100.0%	2.28		-2.28
Q4 Total	0	0	0	0	0	0	0	0	0	0	194,341,000	-100.0%	6.82	0.00	-6.82
Total	0	15,000	16,606,000	17,239,000	1,052,000	25,957,000	18,910,000	5,092,000	4,848,000	89,719,000	1,217,318,000	-92.6%	29.69	0.78	-28.91
Average/Mo	0	7,500	8,303,000	8,619,500	526,000	12,978,500	9,455,000	2,546,000	2,424,000	44,859,500	101,790,826	-55.9%			
Average/Day	0	41	45,496	47,230	2,882	71,115	51,808	13,951	13,282	245,805	3,335,118	-92.6%			
Year To-Date										89,719,000	86,335,000	3.9%	29.69	0.78	-28.91

**Quarterly 2023
Government Building Meter Readings**

ACCT #	FACILITY	1st	2nd	3rd	4th	TOTAL
800001	City Hall	22,000	24,000	24,000	25,000	95,000
800002	City Hall - irrigation	-	135,000	269,000	10,000	414,000
800003	Library - irrigation	-	-	101,000	-	101,000
800004	PW Shop	155,000	307,000	243,000	124,000	829,000
800005	Mechanics Garage	7,000	36,000	7,000	12,000	62,000
800006	City Garage (wood shop)	3,000	5,000	7,000	2,000	17,000
800007	Community Center - top	214,000	267,000	484,000	393,000	1,358,000
800008	Community Center - bottom	184,000	231,000	418,000	338,000	1,171,000
800009	Community Center - irrigation	22,000	93,000	237,000	-	352,000
800010	Fire Station 1	14,000	226,000	338,000	13,000	591,000
800011	Fire Station 2	3,000	205,000	498,000	6,000	712,000
800012	Bloomfield Park	-	740,000	693,000	2,000	1,435,000
800013	Central Park - shelter	1,000	7,000	10,000	2,000	20,000
800014	Connemara Park	-	391,000	553,000	1,000	945,000
800015	Erickson South (Fields 4-5)	-	652,000	923,000	67,000	1,642,000
800016	Erickson Shelter (Fields 1-3)	-	882,000	1,627,000	151,000	2,660,000
800017	Innisfree Park	-	-	-	-	-
800018	Jaycee Park Shelter	2,000	3,000	5,000	2,000	12,000
800019	Jaycee Park - irrigation	-	1,689,000	3,021,000	154,000	4,864,000
800020	Meadows Park	-	1,165,000	1,567,000	3,000	2,735,000
800021	Shannon Park	-	1,839,000	2,471,000	116,000	4,426,000
800022	Winds Park	-	447,000	850,000	13,000	1,310,000
800024	Steeple Center	-	-	-	-	-
800025	Flint Hills Athletic Fields	-	5,074,000	6,328,000	-	11,402,000
800026	Splash Pad	-	4,673,000	5,554,000	-	10,227,000
800027	Activity Center	17,000	70,000	99,000	25,000	211,000
800028	Central Park - irrigation	-	331,000	517,000	7,000	855,000
800029	PW Fill Station	42,000	112,000	128,000	72,000	354,000
800030	Chili Flower Garden	-	22,000	62,000	6,000	90,000
800031	Flint Hills Athletic Complex Bldg.	-	-	174,000	11,000	185,000
800032	Flint Hills Athletic Fields	-	-	-	125,000	125,000
800054	UMORE Athletic Fields	-	2,597,000	2,135,000	9,000	4,741,000
800055	Horseshoe Park Irrigation	-	-	-	-	-
TOTALS		686,000	22,223,000	29,343,000	1,689,000	53,941,000

	1Q	2Q	3Q	4Q	
2022	836,000	15,027,000	24,247,000	3,262,000	43,372,000
% Change	-17.9%	47.9%	21.0%	-48.2%	24.4%

**WATER CONSUMPTION
GOVERNMENT BUILDINGS AND PARKS
2014-2023**

ACCT. NO.	FACILITY	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
800001	City Hall	104,000	92,000	91,000	93,000	102,000	112,000	85,000	97,000	744,000	95,000
800002	City Hall - Irrigation	305,000	352,000	192,000	248,000	315,000	266,000	193,000	314,000	5,009,000	414,000
800003	Library - Irrigation	200,000	122,000	206,000	219,000	204,000	184,000	-	230,000	603,000	101,000
800004	PW Shop	1,294,000	1,052,000	1,201,000	677,000	463,000	444,000	434,000	420,000	558,000	829,000
800029	PW Fill Station				682,000	768,000	511,000	566,000	630,000	8,000	62,000
800005	Mechanics Garage	28,000	23,000	23,000	25,000	24,000	28,000	100,000	47,000	-	354,000
800006	City Garage (wood shop)	23,000	22,000	22,000	24,000	30,000	29,000	37,000	89,000	11,510,000	17,000
800007	Community Center - Top	1,303,800	1,206,000	1,554,000	1,264,000	975,000	1,045,000	991,000	1,075,000	620,000	1,358,000
800008	Community Center - Bottom	1,054,000	1,051,000	1,293,000	656,000	857,000	861,000	900,000	926,000	18,000	1,171,000
800009	Community Center - Irrigation	496,600	305,000	861,000	52,000	37,000	26,000	139,000	255,000	221,000	352,000
800010	Fire Station 1	389,000	258,000	318,000	260,000	399,000	441,000	447,000	515,000	970,000	591,000
800011	Fire Station 2	460,000	380,000	1,020,000	430,000	240,000	94,000	460,000	736,000	2,027,000	712,000
800012	Bloomfield Park - Irrigation	1,566,800	726,000	666,000	1,107,000	607,000	934,560	-	1,678,000	731,000	1,435,000
800013	Central Park - Shelter	346,000	312,000	33,000	41,000	73,000	40,000	451,000	18,000	185,000	20,000
800028	Central Park - Irrigation		-	439,000	193,000	371,000	248,000	384,000	1,136,000	2,613,000	855,000
800014	Connemara Park - Irrigation	286,000	185,000	333,000	206,000	299,000	136,000	414,000	696,000	619,000	945,000
800015	Erickson South (fields 4-5)	688,000	311,000	1,192,000	856,000	1,257,000	843,000	1,385,000	1,653,000	1,170,000	1,642,000
800016	Erickson Shelter (fields 1-3)	1,136,000	1,660,800	1,533,000	1,511,000	1,265,000	1,547,000	2,033,000	2,434,000	56,000	2,660,000
800017	Innisfree Park - Irrigation	460,359	660,030	225,000	194,000	191,000	288,000	76,000	121,000	3,531,000	-
800018	Jaycee Park Shelter	14,000	15,000	11,000	8,000	22,000	9,000	6,000	8,000	353,000	12,000
800019	Jaycee Park - Irrigation	2,573,000	1,729,000	2,908,000	2,572,000	1,644,000	2,392,000	4,377,000	3,628,000	298,000	4,864,000
800020	Meadows Park - Irrigation	1,958,652	1,088,000	1,558,000	1,637,000	1,238,000	1,014,000	2,335,000	3,011,000	77,000	2,735,000
800021	Shannon Park - Irrigation	1,718,000	1,793,000	1,842,000	1,968,000	2,112,000	2,002,000	2,820,000	3,320,000	1,255,000	4,426,000
800022	Winds Park - Irrigation	439,000	427,000	735,000	335,000	528,000	438,000	611,000	1,151,000	1,686,000	1,310,000
800024	Steeple Center	150,000	115,000	266,000	298,000	326,000	104,000	-	-	4,644,000	-
800025	Flint Hills Athletic Fields	3,934,000	4,924,000	3,059,000	4,100,000	6,659,000	9,086,000	11,380,000	4,859,000	-	11,402,000
800031	Flint Hills Athletic Bldg.										185,000
800026	Splash Pad	5,246,000	11,113,000	9,646,000	10,727,000	9,058,000	6,681,000	7,902,000	7,620,000	117,000	10,227,000
800027	Activity Center		11,000	397,000	137,000	229,000	248,000	313,000	186,000	3,648,000	211,000
800030	Chili Flower Garden					41,000	86,000	134,000	91,000	1,000	90,000
800032	Flint Hills Athletic Fields										125,000
800054	UMore Athletic Fields	1,507,000	1,523,000	1,716,000	1,416,000	1,855,000	1,471,000	1,783,000	3,333,000	4,644,000	4,741,000
800055	Horseshoe Park Irrigation									2,000	-
TOTALS		27,680,211	31,455,830	33,340,000	31,936,000	32,189,000	31,608,560	40,756,000	40,277,000	47,918,000	53,943,023

Irrigation / Recreation (est)	23,024,411	27,371,830	27,818,000	27,825,000	28,331,000	28,043,560	36,736,000	35,742,000	31,463,000	48,754,023
% Of Total	83%	87%	83%	87%	88%	89%	90%	89%	66%	90%
Rainfall (inches)	35.4	36.14	40.32	32.36	33.56	43.17	29.83	25.96	22.97	29.69

5-year Averages	2010-2014	2011-2015	2012-2016	2013-2017	2014-2018	2015-2019	2016-2020	2017-2021	2018-2022	2019-2023
	27,680,211	29,568,021	30,825,347	31,103,010	31,320,208	32,105,878	33,965,912	35,353,312	38,549,712	42,900,517

Water Consumption in City Buildings & Parks 2014 - 2023

