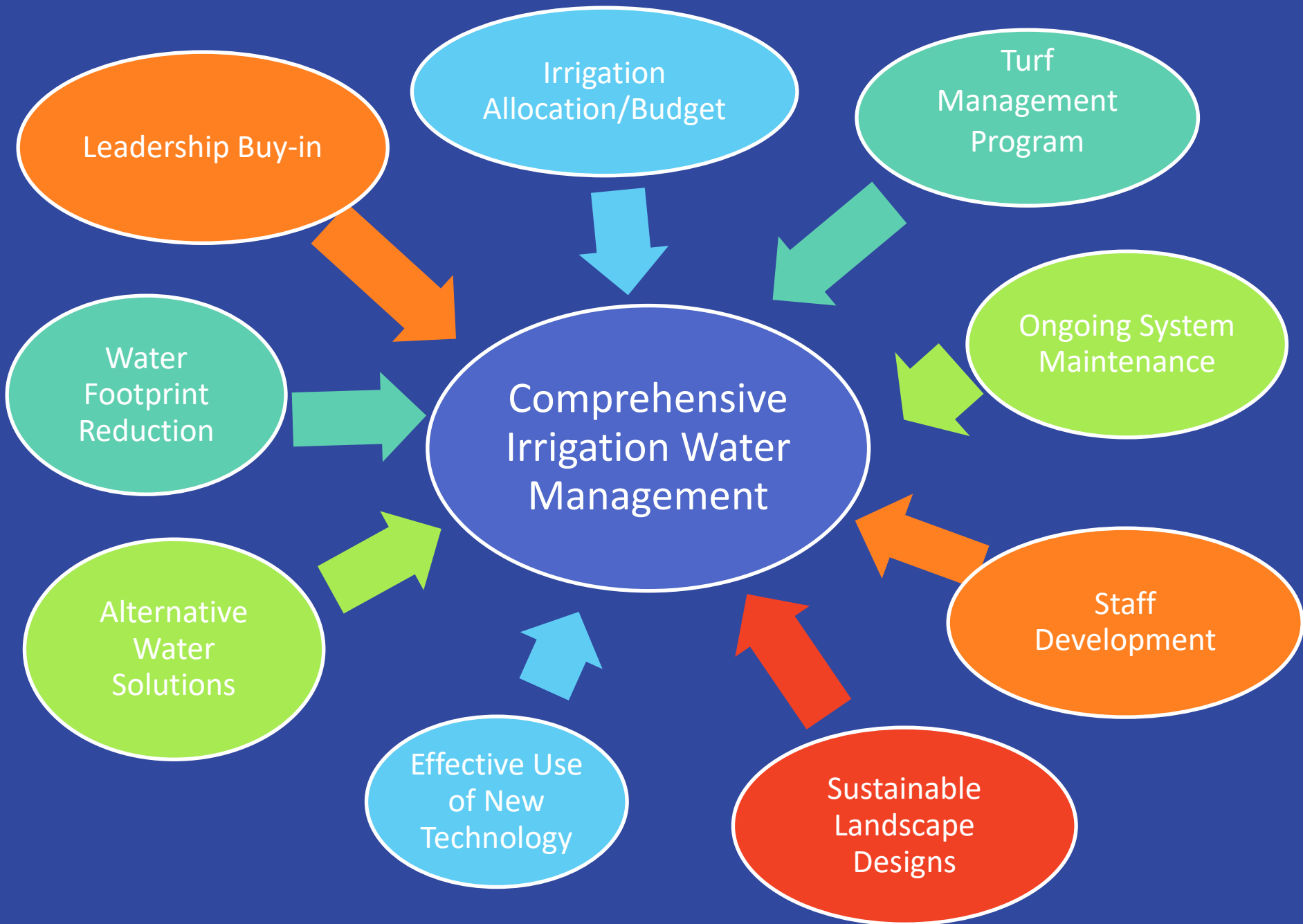


Water Conservation Program Update



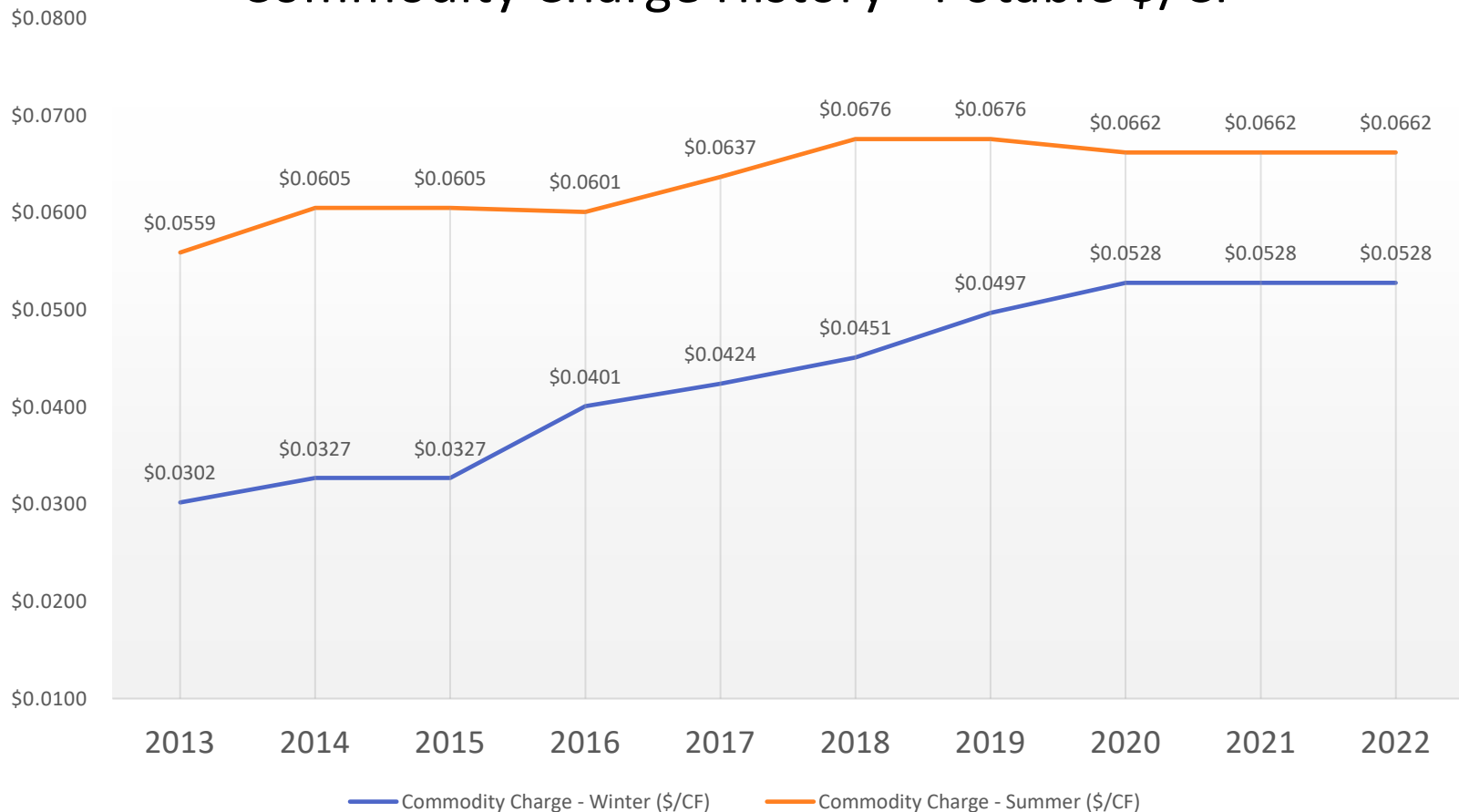
Presented by:
Jarod Clayton



Potable Water Rates



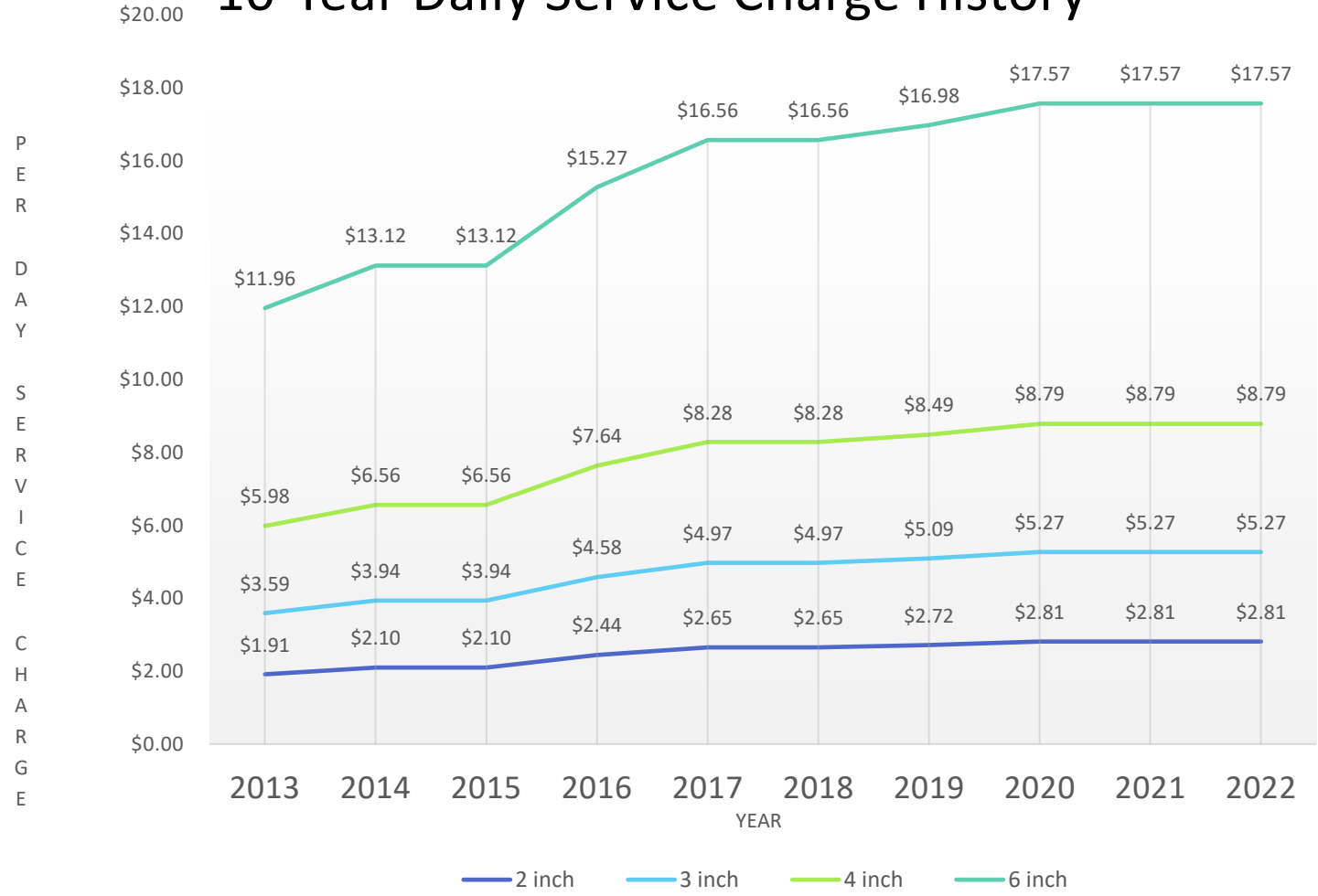
10-Year Commodity Charge History - Potable \$/CF



Daily Service Charges



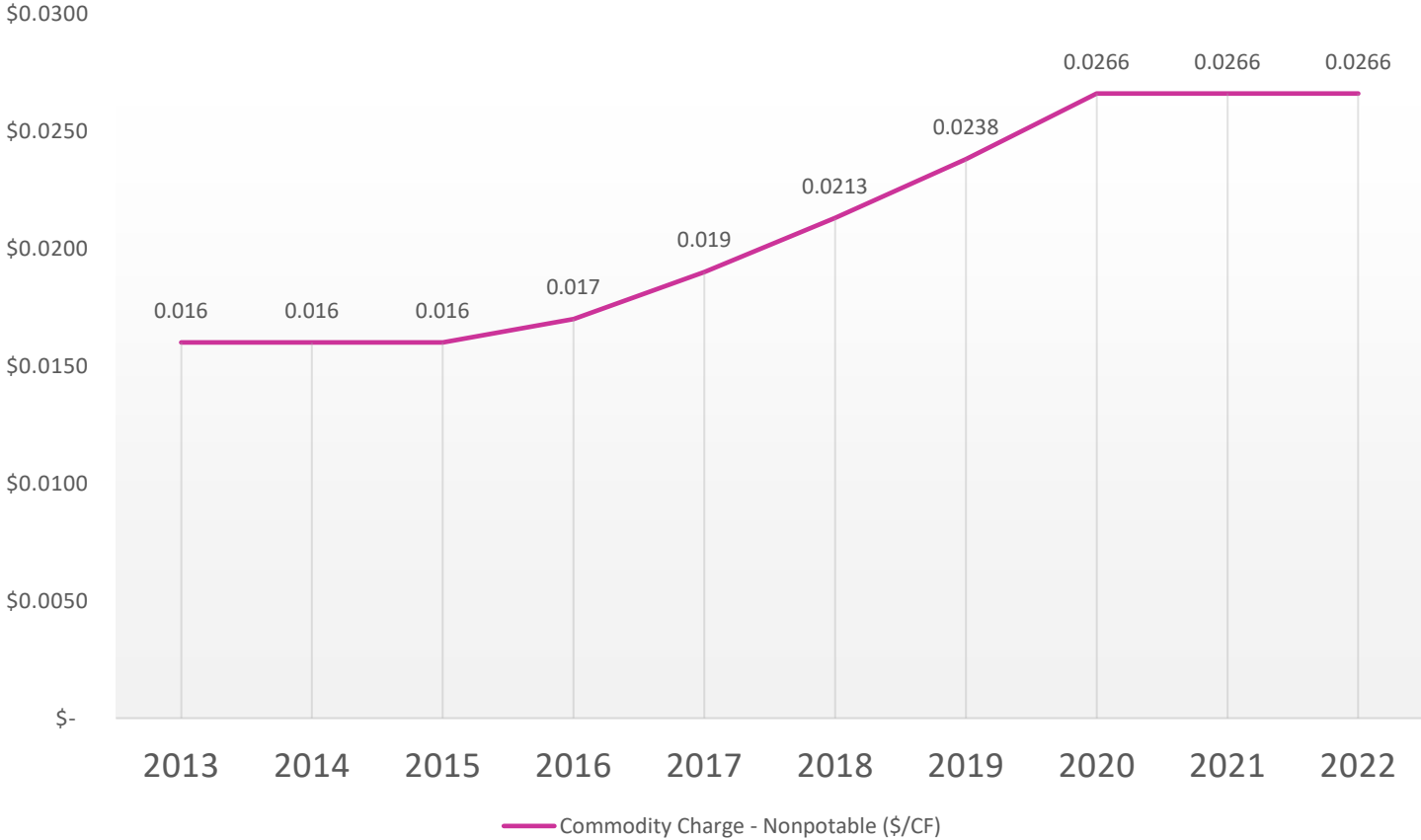
10-Year Daily Service Charge History



Nonpotable Water Rates



10-Year Commodity Charge History - Nonpotable (\$/CF)



Based on 2022 rates, how much did it cost to apply 24” of potable water to a five-acre park?

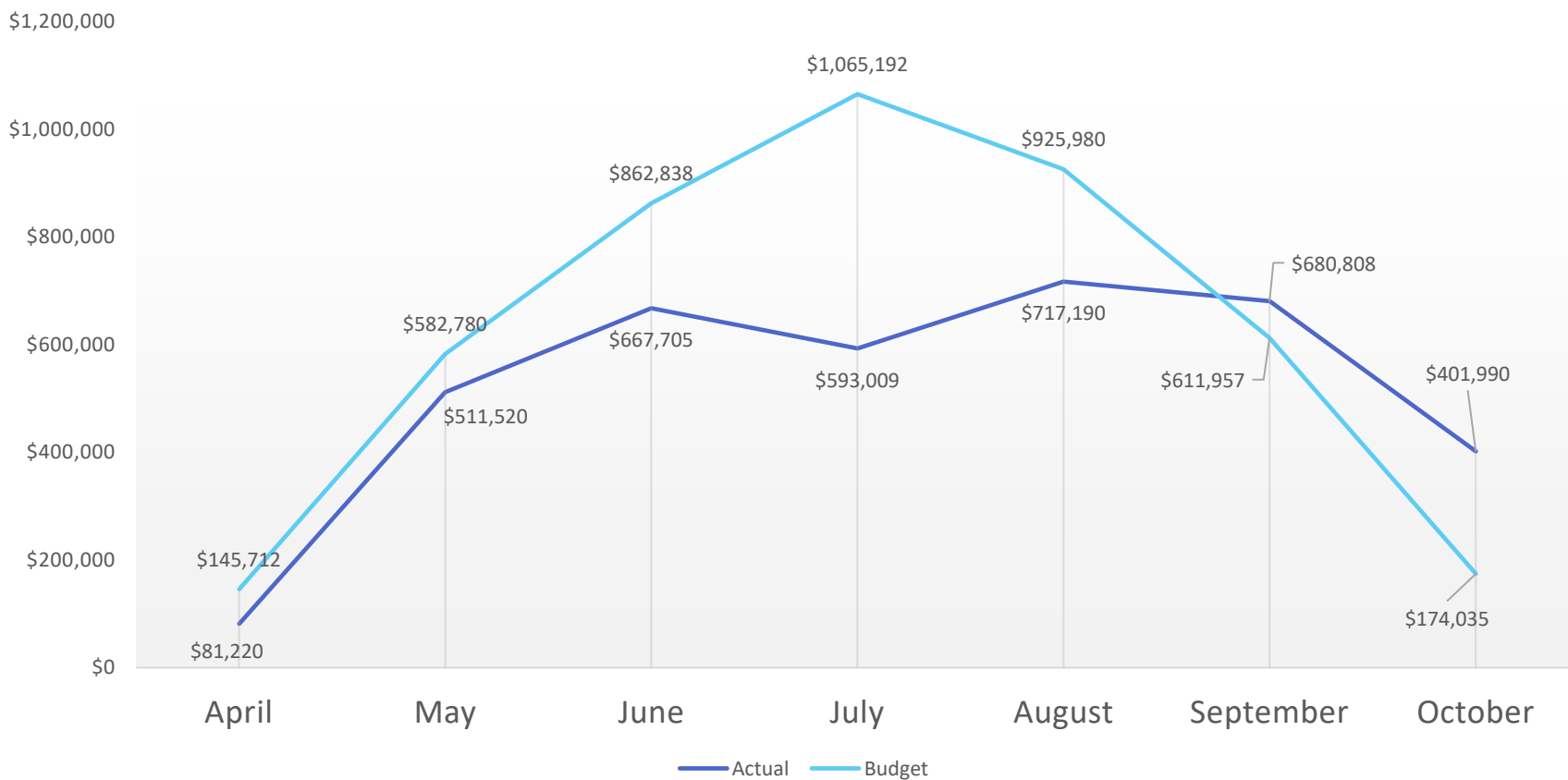
- A.) \$7,209
- B.) \$14,418
- C.) \$21,627
- D.) \$28, 836



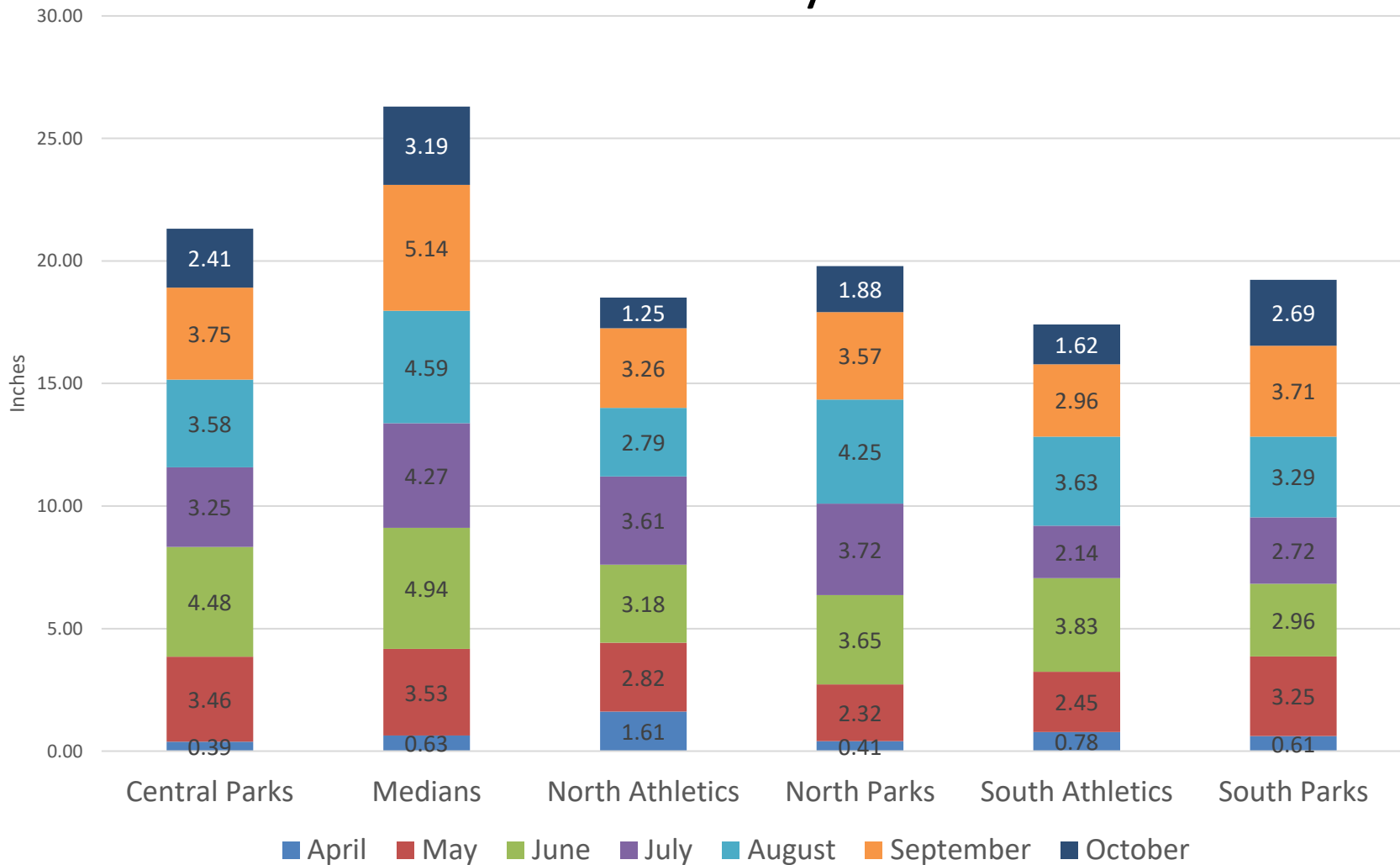
2022 Annual Commodity Charges - Actual vs. Budget

District	Actual	Budget	% Budget Used
Central Parks	\$745,071	\$800,094	93%
Medians	\$233,690	\$211,289	111%
Misc.	\$29,979	\$55,765	54%
North Athletics	\$252,558	\$328,600	77%
North Parks	\$1,445,930	\$1,636,237	88%
South Athletics	\$380,228	\$499,372	76%
South Parks	\$695,029	\$837,350	83%
Grand Total	\$3,782,485	\$4,368,708	87%

Irrigation Water Cost - Actual vs Budget



Inches Used by Month



Monthly Reports



Row Labels	April Usage (inches)	May Usage (inches)	June Usage (inches)	July Usage (inches)	August Usage (inches)	September Usage (inches)	October Usage (inches)	Annual Usage (inches)	% Annual Allocation Used
Adams Park	1.45	2.37	3.81	4.75	3.96	4.58	1.39	22.32	93%
Audubon Park Irrigation	0.00	2.78	4.42	2.03	2.69	4.51	0.70	17.13	71%
Betty Krouse	0.00	2.36	2.89	3.27	4.04	5.60	1.25	19.40	81%
Bonforte Irrigation	0.33	1.45	3.31	4.31	2.04	3.86	1.06	16.35	68%
Boulder Park Irrigation	0.27	1.44	2.42	3.94	4.20	4.97	1.71	18.95	79%
Bristol	0.36	1.27	1.87	2.91	2.64	8.93	3.15	21.14	88%
Frank Waters	0.04	2.43	3.18	4.43	3.48	3.70	1.00	18.27	76%
Franklin	0.00	1.07	2.49	7.43	4.57	7.18	0.00	22.75	95%

On average, how much total precipitation did we receive during the 2022 growing season?



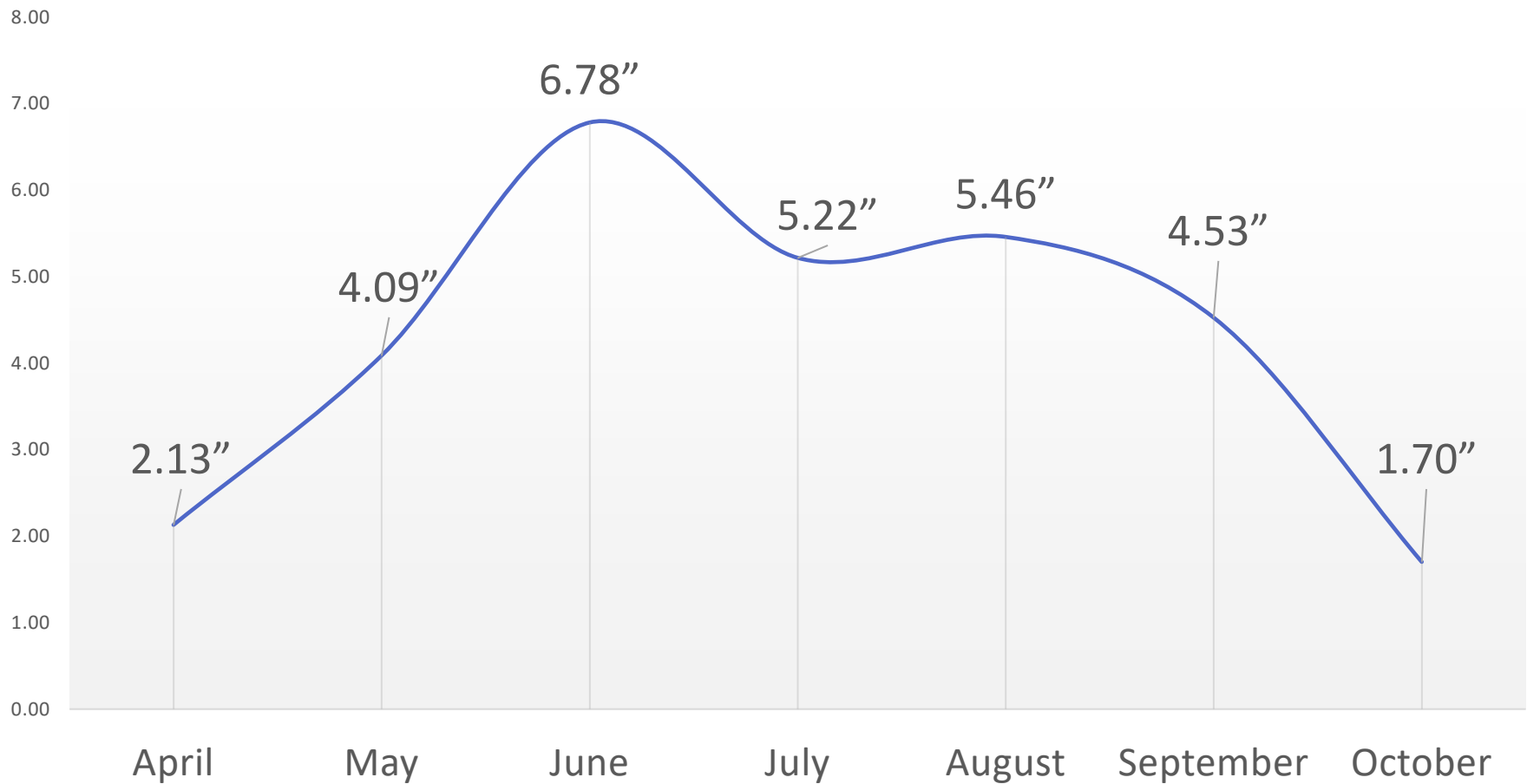
- A. 5-6 inches
- B. 6-7 inches
- C. 7-8 inches
- D. 8-9 inches

Parks AVG Total Precipitation							
	2022	2021	2020	2019	2018	2017	AVG
April	0.05	0.54	0.22	0.26	0.61	1.25	0.49
May	1.36	3.50	1.08	1.91	1.29	2.86	2.00
June	1.67	1.80	1.37	1.61	0.71	0.95	1.35
July	3.21	2.21	1.81	2.49	3.68	5.60	3.17
August	1.57	1.64	1.69	1.59	2.83	2.03	1.89
September	0.50	0.98	0.35	0.55	0.53	2.63	0.92
October	0.12	0.03	0.00	0.05	0.37	0.16	0.12
Total	8.49	10.70	6.51	8.47	10.02	15.47	9.94

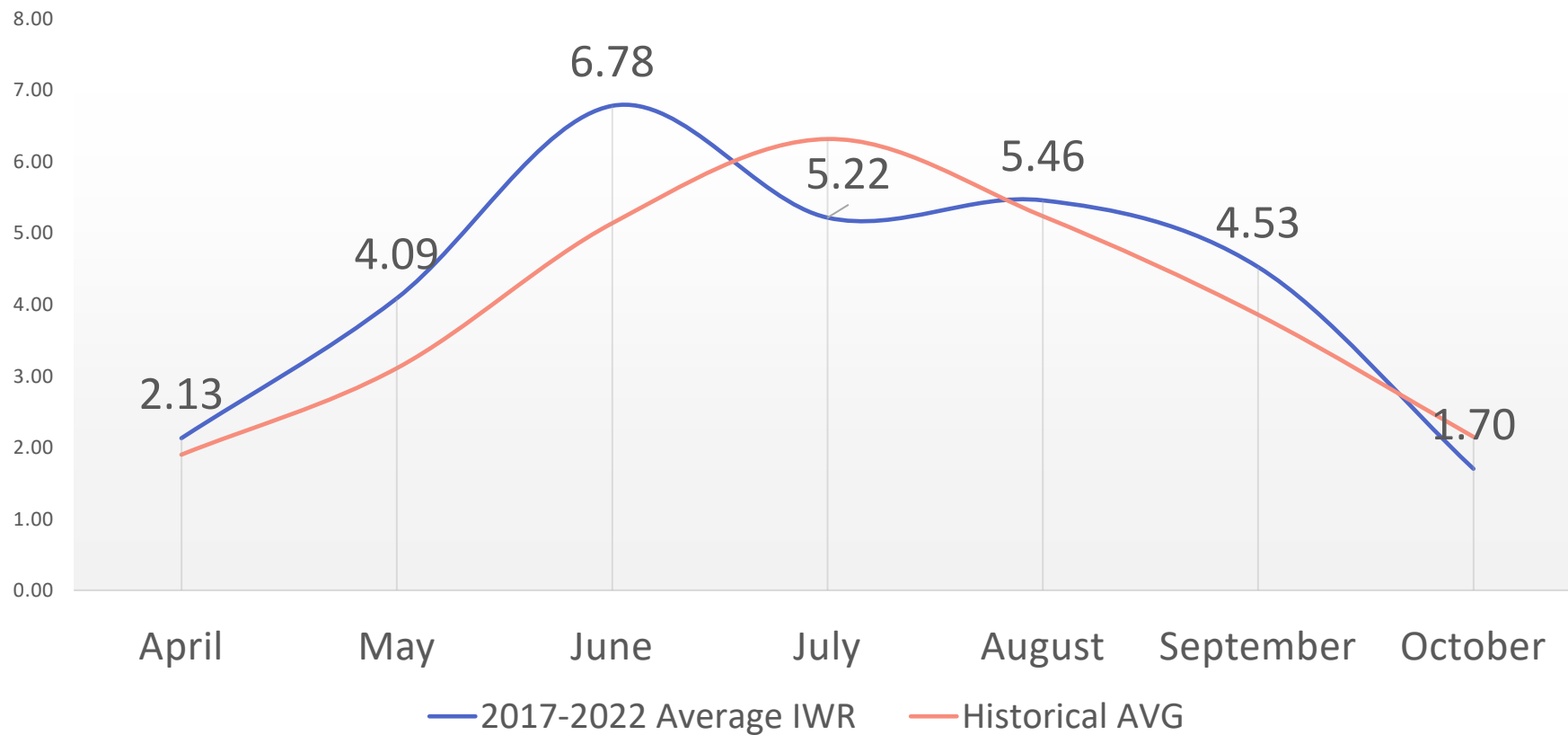


Historical average at the airport = 12.45"

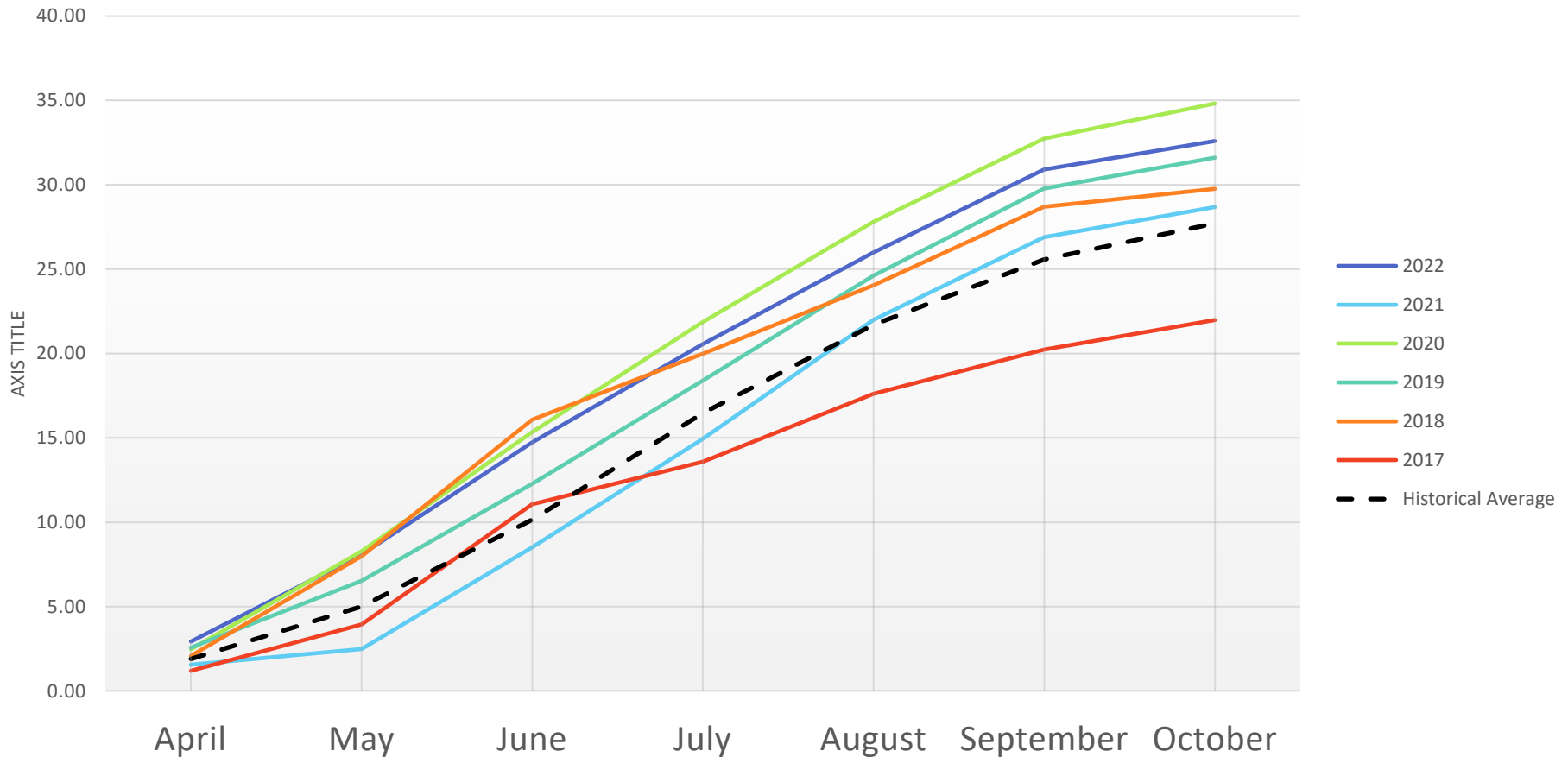
2017-2022 Irrigation Water Requirement



2017-2022 vs 1949-2009 Irrigation Water Requirement



2017-2022 Average Accumulated Irrigation Water Requirement



2022 Projects



Panorama Park



Skateable youth area

All-ages fitness area

Smaller shelter

Multi-use ball courts

Adventure trail

A

Park access and outdoor classroom

Parking with drop-off

D

Adventure trail and bike challenge loop

Future program-expansion area*

* Community-driven program may include off-leash dog area, community gardens, etc.

Fenton Rd.

Harley Ln.

C

Multi-use Event Lawn

Large shelter (Events, gathering)

Parking with drop-off

Multi-use gathering area with possible public art

Osprey Ct.

Interactive water spray feature

Picnic grove with trees

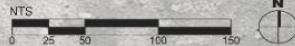
Terraced seating

Wildcat Ct.

Multi-use Sports Field

B

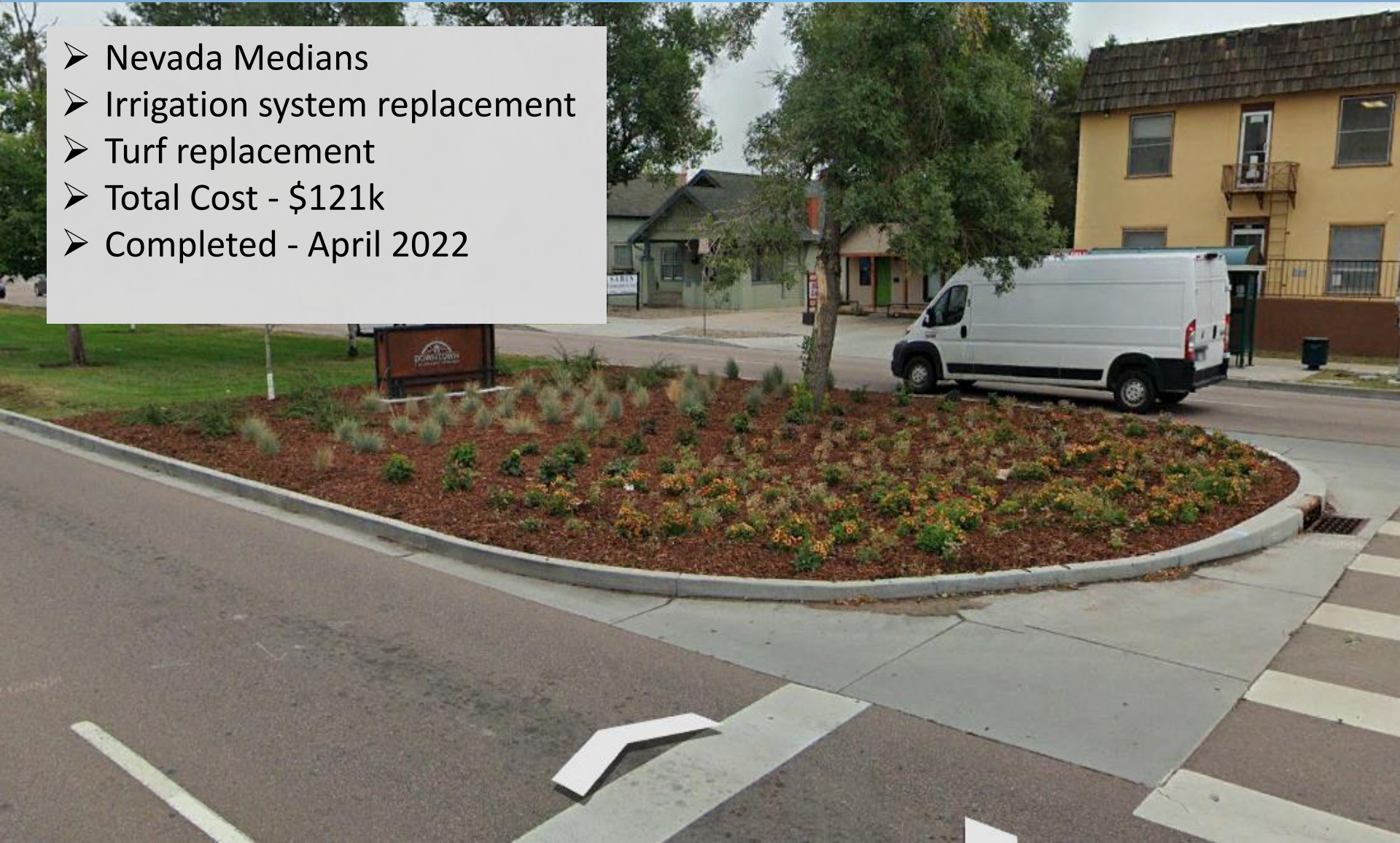
Park access trail



2022 Projects



- Nevada Medians
- Irrigation system replacement
- Turf replacement
- Total Cost - \$121k
- Completed - April 2022



2022 Projects



- Portal Park
- Turf to native conversion
- Irrigation system efficiency improvements
- 1.99 acres
- Completed August 2022



Current Projects



- South Monument Valley Park
- Irrigation System Replacement
- APRA funded
- Total Cost - \$338,767
- To be completed May 2023



Current Projects



- South Monument Valley Park – Phase II
- Irrigation System Replacement
- ARPA funded
- Total Cost - TBD
- To be completed – May 2024



Current Projects



- Memorial Park Beach House
- Irrigation System Replacement
- Turf replacement
- Total Cost - \$200,000
- To be completed – July 2023

Current Projects



- Woodstone Park
- Turf to Native Conversion
- Irrigation system modifications
- Total Cost – 23K
- Rebate amount - \$20k
- To be completed – June 2023



10-Year Irrigation System Replacement Plan



Year 1

Park	District	Acres	Cost	MV/FS	Total Cost
Wahsatch - Willamette	Medians	3.20	\$56,000	\$2,800	\$58,800
Otero	North Parks	3.91	\$68,425	\$3,421	\$71,846
Tomah	North Parks	3.12	\$54,600	\$2,730	\$57,330
Bricker	South Parks	3.99	\$69,825	\$3,491	\$73,316
Total			\$248,850	\$12,443	\$261,293

Year 2

Park	District	Acres	Cost	MV/FS	Total Cost
Bristol	Central Parks	1.58	\$27,650	\$1,383	\$29,033
Printers Parkway	Central Parks	2.35	\$41,125	\$2,056	\$43,181
Platte & Hancock	Medians	1.11	\$19,425	\$971	\$20,396
Nevada - Madison	Medians	2.50	\$43,750	\$2,188	\$45,938
Nevada - Van Buren	Medians	1.37	\$23,975	\$1,199	\$25,174
Carver South	North Parks	2.18	\$38,150	\$1,908	\$40,058
Formal Gardens	South Parks	2.36	\$41,230	\$2,062	\$43,292
Quail East	South Parks	1.02	\$17,850	\$893	\$18,743
Total			\$253,155	\$12,658	\$265,813

Year 3

Park	District	Acres	Cost	MV/FS	Total Cost
Frank Waters	Central Parks	0.49	\$8,575	\$429	\$9,004
Little Britches	Central Parks	0.63	\$11,025	\$551	\$11,576
Nevada 3001	Medians	0.14	\$2,450	\$123	\$2,573
Jackson	North Parks	8.23	\$144,025	\$7,201	\$151,226
Bott	South Parks	3.54	\$61,950	\$3,098	\$65,048
Rock Gardens	South Parks	1.46	\$25,463	\$1,273	\$26,736
Total			\$253,488	\$12,674	\$266,162

Year 4

Park	District	Acres	Cost	MV/FS	Total Cost
Bonforte	Central Parks	7.66	\$134,050	\$6,703	\$140,753
Munchkin	Central Parks	0.28	\$4,900	\$245	\$5,145
Roswell	Central Parks	1.74	\$30,450	\$1,523	\$31,973
Nevada - Commerce	Medians	0.42	\$7,350	\$368	\$7,718
Golden Hills	North Parks	4.26	\$74,550	\$3,728	\$78,278
Total			\$251,300	\$12,565	\$263,865

Year 5

Park	District	Acres	Cost	MV/FS	Total Cost
Mt View	Central Parks	0.36	\$6,300	\$315	\$6,615
Wagner	Central Parks	4.63	\$81,025	\$4,051	\$85,076
Nevada 3100	Medians	0.19	\$3,325	\$166	\$3,491
Wahsatch & Washington	Medians	1.45	\$25,375	\$1,269	\$26,644
Fremont	North Parks	7.86	\$137,550	\$6,878	\$144,428
Total			\$253,575	\$12,679	\$266,254

Year 6

Park	District	Acres	Cost	MV/FS	Total Cost
Nevada - Vermijo	Medians	1.75	\$30,625	\$1,531	\$32,156
Nevada - Willamette	Medians	1.59	\$27,825	\$1,391	\$29,216
Willamette Medians	Medians	2.96	\$51,800	\$2,590	\$54,390
Foothills Park	North Parks	2.53	\$44,275	\$2,214	\$46,489
Bott	South Parks	3.54	\$61,950	\$3,098	\$65,048
James Smith	South Parks	2.15	\$37,625	\$1,881	\$39,506
Total			\$254,100	\$12,705	\$266,805

Year 7

Park	District	Acres	Cost	MV/FS	Total Cost
Boulder	Central Parks	7.12	\$124,600	\$6,230	\$130,830
Happy Hollow	Central Parks	0.23	\$4,025	\$201	\$4,226
Honey Bear	Central Parks	0.23	\$4,025	\$201	\$4,226
Mark Twain	Central Parks	4.54	\$79,450	\$3,973	\$83,423
Trues Mill	Central Parks	1.46	\$25,550	\$1,278	\$26,828
Cascade - Cucharras	Medians	0.48	\$8,400	\$420	\$8,820
Cascade - Library	Medians	0.12	\$2,100	\$105	\$2,205
Nevada - Polk	Medians	0.16	\$2,800	\$140	\$2,940
Total			\$250,950	\$12,548	\$263,498

Year 8

Park	District	Acres	Cost	MV/FS	Total Cost
Heather Crest	Central Parks	4.50	\$78,750	\$3,938	\$82,688
North Shook's Run	Central Parks	7.63	\$133,525	\$6,676	\$140,201
Wahsatch - Caramillo	Medians	2.34	\$40,950	\$2,048	\$42,998
Total			\$253,225	\$12,661	\$265,886

Year 9

Park	District	Acres	Cost	MV/FS	Total Cost
Betty Krouse	Central Parks	2.14	\$37,450	\$1,873	\$39,323
Prairie Dog	Central Parks	0.87	\$15,225	\$761	\$15,986
Prairie Grass Park	Central Parks	1.84	\$32,200	\$1,610	\$33,810
Bijou Median	Medians	1.11	\$19,425	\$971	\$20,396
Nevada - Taylor	Medians	0.28	\$4,900	\$245	\$5,145
Deerfield	South Parks	8.06	\$141,050	\$7,053	\$148,103
Total			\$250,250	\$12,513	\$262,763

Year 10

Park	District	Acres	Cost	MV/FS	Total Cost
Cascade - Cache La Poudre - Colorado College Shares	Medians	3.57	\$62,475	\$3,124	\$65,599

Questions?

