- ***BLACK DESERT SITE VISIT AT 4:00PM. Meet at City Hall at 3:45 PM.***

NOTICE AND AGENDA
SANTA CLARA CITY COUNCIL WORK MEETING
WEDNESDAY April 19, 2023
TIME: 5:00 PM.
AGENDA

Public Notice is hereby given that the Santa Clara City Council will hold a Work Meeting in the Santa Clara City Council Chambers, located at 2603 Santa Clara Drive, Santa Clara Utah on Wednesday April 19, 2023, commencing at 5:00 PM. The meeting will be broadcast via You Tube linked on our website at **https://sccity.org/meetings.**

1. **Call to Order:**

2. **General Citizen Public Comment:**

3. **Working Agenda:**

   A. General Business:

   1. Introduction of New Employee – Power Department.
   2. Black Desert Project Plan Discussion.
   3. Water Master Plan and Impact Fee Discussion.
   4. ISO Update.
   5. Fiscal Year 2024 Budget Discussion.
   6. Deserts Edge Project Plan Discussion.

4. **Staff Reports:**

5. **Adjournment:**

Note: In compliance with the Americans with Disabilities Act, individuals needing special accommodation during this meeting should notify the city no later than 24 hours in advance of the meeting by calling 435-673-6712. In accordance with State Statute and Council Policy, one or more Council Members may be connected via speakerphone or may by two-thirds vote to go into a closed meeting.

Zoom Meeting Participants: Participants on the Zoom call are limited to City Staff, Council Members, and applicants on the agenda. Email calendar invitations will be sent out in advance of the meeting. Instructions for each meeting will include the meeting ID, and password to join. When joining the meeting your screen name must show your full name. Each applicant will be accepted into the meeting when their item is up for discussion. Please contact Chris Shelley at (435)673-6712 Ext. 203 with any questions regarding public meetings.

The undersigned, duly appointed City Recorder, does hereby certify that the above notice and agenda was posted within the Santa Clara City limits on this 13th day of April 2023 at the Santa Clara City Hall, on the City Hall Notice Board, at the Santa Clara Post Office, on the Utah State Public Notice Website, and on the City Website at http://www.sccity.org. The 2022 meeting schedule was also provided to the Spectrum on January 3, 2023

_____
Chris Shelley – City Recorder

Mayor
Rick Rosenberg

City Manager
Brock Jacobsen

CITY OF SANTA CLARA
FOUNDED 1854

City Council
Denny Drake
Leina Mathis
Ben Shakespeare
Jarett Waite
Christa Hinton

CITY COUNCIL

Meeting Date: April 19, 2023 **Agenda Item:** 2

Applicant: Santa Clara City

Requested by: Patrick Manning

Subject: Black Desert Project Plan & Development Agreement

Description:

Patrick Manning has requested the opportunity to speak with the City Council regarding possible changes to the overall Project Plan and Development Agreement for Black Desert. A site visit with the Council will be conducted at 4:00 PM on April 19, 2023, to go over proposed changes in the field. The Development Agreement for the project was recorded on September 23, 2021. Recently, work has been occurring in Ivins City; however, Mr. Manning is now looking to start with a Single-Family Residential Subdivision to be known as South Village @ Black Desert. This project would be designed around the portion of the golf course in Santa Clara which appears to be nearing completion. This item will be further discussed during the regular work meeting starting at 5:00 PM.

Recommendation:

Attachments:

Cost: N/A

Legal Approval:

Finance Approval: N/A

Budget Approval: N/A

2603 Santa Clara Drive, Santa Clara, Utah 84765

Phone (435) 673-6712 Fax (435) 628-7338

Mayor
Rick Rosenberg

City Manager
Brock Jacobsen

CITY OF SANTA CLARA
FOUNDED 1854

City Council
Denny Drake
Leina Mathis
Ben Shakespeare
Jarett Waite
Christa Hinton

CITY COUNCIL

Meeting Date: 4-19-23 **Agenda Item: 3**

Applicant: Dustin Mouritsen

Requested by: Dustin Mouritsen

Subject: Discussion regarding the Water Master Plan update and Impact Fees.

Recommendation:

Attachments:

Cost:

Legal Approval:

Finance Approval:

Budget Approval:

2603 Santa Clara Drive, Santa Clara,
Utah 84765 Phone (435) 673-6712 Fax
(435) 628-7338



SANTA CLARA CITY, UTAH

Water System
Impact Fee Facilities Plan
& Impact Fee Analysis

March 2023

PREPARED BY:

SUNRISE ENGINEERING, INC.
11 North 300 West
Washington, UT 84780
TEL: 435-652-8450

SUNRISE ENGINEERING

Culinary Water System
Impact Fee Facilities Plan
& Impact Fee Analysis

March 2023

INCLUDES:

FIVE POINT SYSTEM ANALYSIS
RECOMMENDED SYSTEM IMPROVEMENTS
SYSTEM FINANCING PLAN
IMPACT FEE FACILITIES PLAN
IMPACT FEE ANALYSIS

MAYOR---------- Rick Rosenberg
COUNCIL MEMBER---------- Jarett Waite
COUNCIL MEMBER---------- Christa Hinton
COUNCIL MEMBER---------- Ben Shakespeare
COUNCIL MEMBER---------- Leina Mathis
COUNCIL MEMBER---------- Denny Drake
CITY MANAGER ---------- Brock Jacobsen
PUBLIC WORKS DIRECTOR---------- Dustin Mouritsen
RECORDER ---------- Chris Shelley

PREPARED BY:

Nathan Wallentine, P.E.
Project Engineer
State of Utah #12338863

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I. INTRODUCTION

A. PREFACE

The City of Santa Clara (the City) has entered into an agreement with Sunrise Engineering, Inc. to prepare this Culinary and Secondary Water Master Plan. The plan will provide council members with the information they need to make important decisions relating to water infrastructure as the City continues to grow and develop over the next 20 years. This plan will provide information regarding the existing culinary and secondary water infrastructure, analyze these facilities for adequacy, and make recommendations in order to meet projected demands.

B. INTRODUCTION

This Water Master Plan has been prepared for Santa Clara City, located west of St. George in Washington County, Utah along Old Highway 91. An area map showing the location of the City has been included as Figure I.B-1.

Santa Clara City has experienced significant growth over the past 30 years. At times, this growth has been somewhat rapid and has required improvements and upgrades to much of the city's public infrastructure to meet the increased demands. The growth slowed in the 2008 recession and has since grown significantly. We are currently seeing a slight slowdown in growth, though it is projected that growth rates will level out over the next several years. This plan is intended to help the city evaluate their ability to meet the increasing demands placed on the system by development, and to identify and correct existing deficiencies in the water system.

The water system has been analyzed according to the Utah Division of Drinking Water regulations and includes a 5-point review of the system consisting of water rights, water source capacity, water storage capacity, water treatment, and water distribution.

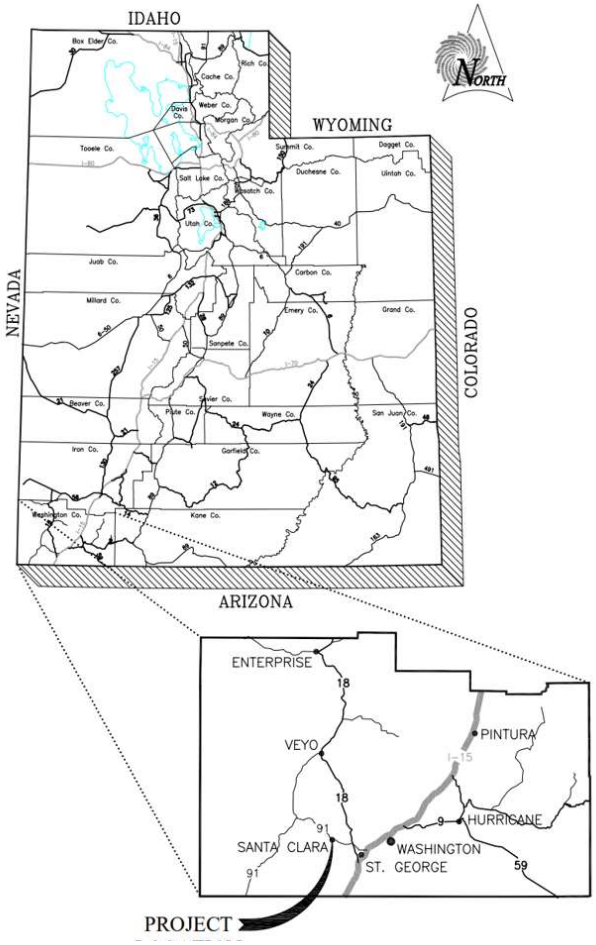


Figure I.B-1: Area Map

As part of the plan, Sunrise Engineering has recommended several improvements to the culinary water system and has developed a sample financing plan as a possible means to fund the recommended improvements.

The existing water rates and impact fees have also been analyzed as a possible means of supporting the recommended system improvements. The recommended water rates and impact fees are fair and reasonable and will allow the City to continue to maintain the level of service that is required of a public water system for the present time and over the planning period.

II. SYSTEM USERS ANALYSIS

A. PROJECTED GROWTH RATE

An important element in the development of a Water Master Plan is the projection of the population growth rate. This projection gives the planner an idea of the future demands on the system throughout the planning period.

Projecting future growth can be subjective but should be grounded in historical trends and current information as much as possible. Table II.A-1 below shows the city's historic growth rates based on official Census data from 1970 to 2010, and the latest population data the city had on record for 2020.

Table II.A-1: Historic Growth

Year	Source	Population	Growth Rate		ERUs
1970	Census	271	-	-	-
1980	Census	1,091	1970-1980	14.9%	-
1990	Census	2,311	1980-1990	7.8%	-
2000	Census	4,630	1990-2000	7.2%	-
2010	Census	6,003	2000-2010	2.6%	-
2020	City	8,685	2010-2020	3.8%	2713
2021	Estimate	9,206	2020-2021	6.0%	3424
2022	Estimate	9,758	2021-2022	6.0%	3629
2023	Estimate	10,149	2022-2023	4.0%	3775

The City of Santa Clara has grown significantly since 1970. During the 1970's it grew at almost 15% per year. During the 1980's and 1990's the city grew at over 7% per year. Despite this rapid population growth, there has been very little commercial development in Santa Clara. The city is primarily a residential community supporting the St. George area. Because it is bounded by lava flows, flood plains, environmentally sensitive areas, and other municipalities, it is not expected to grow as fast as it historically has.

As shown in Table II.A-1 above, a 2020 population was provided by Santa Clara City. This indicated a growth rate of 3.8% since 2010. Sunrise Engineering, Inc. projected the current 2023 population as 10,149 assuming a 6.0% average annual growth rate since 2020 based on the high growth rate recently experienced in the community and a 4.0% growth rate beginning this year.

Recent housing market trends in Southern Utah indicate that Santa Clara is only expected to grow rapidly for a short period. After which, growth will continue at a steady rate. The recent 2020 Santa Clara Public Safety IFFP used a growth rate of 4.0% and to remain consistent, the city chose to use the same growth rate projection for this report, with a slight adjustment to 2021-2022 being at 6.0%. A growth rate of 4.0% is projected through the end of the planning period after 2022. The future growth can be projected using the following compound interest formula:

$$F = P(1+i)^{N}$$

F = Future Population P = Present Population
i = Projected Growth Rate N = Years

Table II.A-2 shown below gives the projected population and number of equivalent residential units (ERUs) throughout the 20-year and 40-year planning periods.

Table II.A-2: Projected Growth

Year	Source	Population	Growth Rate		ERUs
1970	Census	271	-	-	-
1980	Census	1,091	1970-1980	14.9%	-
1990	Census	2,311	1980-1990	7.8%	-
2000	Census	4,630	1990-2000	7.2%	-
2010	Census	6,003	2000-2010	2.6%	-
2020	City	8,685	2010-2020	3.8%	2713
2021	Estimate	9,206	2020-2021	6.0%	3424
2022	Estimate	9,758	2021-2022	6.0%	3629
2023	Estimate	10,149	2022-2023	4.0%	3775
2024	Estimate	10,555		4.0%	3926
2025	Estimate	10,977		4.0%	4083
2026	Estimate	11,416		4.0%	4246
2027	Estimate	11,873		4.0%	4416
2028	Estimate	12,348		4.0%	4592
2029	Estimate	12,841		4.0%	4776
2030	Estimate	13,355		4.0%	4967
2031	Estimate	13,889		4.0%	5166
2032	Estimate	14,445		4.0%	5372
2033	Estimate	15,023		4.0%	5587
2034	Estimate	15,624		4.0%	5811
2035	Estimate	16,249		4.0%	6043
2036	Estimate	16,899		4.0%	6285
2037	Estimate	17,574		4.0%	6536
2038	Estimate	18,277		4.0%	6798
2039	Estimate	19,009		4.0%	7070
2040	Estimate	19,769		4.0%	7353
2041	Estimate	20,560		4.0%	7647
2042	Estimate	21,382		4.0%	7953
2043	Estimate	22,237		4.0%	8271
2044	Estimate	23,127		4.0%	8601
2045	Estimate	24,052		4.0%	8946
2046	Estimate	25,014		4.0%	9303
2047	Estimate	26,014		4.0%	9675
2048	Estimate	27,055		4.0%	10063
2049	Estimate	28,137		4.0%	10465
2050	Estimate	29,263		4.0%	10884
2051	Estimate	30,433		4.0%	11319
2052	Estimate	31,651		4.0%	11772
2053	Estimate	32,917		4.0%	12243
2054	Estimate	34,233		4.0%	12732
2055	Estimate	35,603		4.0%	13242
2056	Estimate	37,027		4.0%	13771
2057	Estimate	38,508		4.0%	14322
2058	Estimate	40,048		4.0%	14895
2059	Estimate	41,650		4.0%	15491
2060	Estimate	43,316		4.0%	16110
2061	Estimate	45,049		4.0%	16755
2062	Estimate	46,851		4.0%	17425
2063	Estimate	48,725		4.0%	18122

Because the City of Santa Clara will eventually develop all its available land, build-out projections have also been considered in this study.

To determine build-out projections, several samples of existing densities were taken from established areas of the city. These samples were then utilized to estimate densities for other zoning types in the community that have not yet been developed. Table II.A-3 below indicates the densities assumed for each zoning type. The zones marked by an asterisk (*) represent the zoning types for which a sample was taken.

Table II.A-3: Zoning Types and Densities

Zone	Description	Density (DU/Acre)
R1-10	*Single Family Residential	2.85
PDR	*Planned Development (Residential)	3.99
R-A	*Residential Agricultural	1.41
MR	*Multi-Family Residential	8.49
COM	Commercial	0
MU	Mixed Use	1.4
OS	Open Space	0
PD-MU	Planned Development (Mixed Use)	3.99
PDC	Planned Development (Commercial)	0
HD	Historic District (overlay)	0
PDR-STR	Short Term Rentals (overlay)	0

These densities were utilized in conjunction with a current zoning map provided by Santa Clara City (see Appendix A). Total areas of each zoning type were calculated and multiplied by the densities to calculate a projected number of dwelling units (DUs) at build-out. A large development in the northern region of the city limits known as Black Desert is planned to occur in the near future. Black Desert plans to develop Multi-Family Residential homes in an area currently zoned as Planned development. To account for this variability in zone density the planned units in the Black Desert development have also been incorporated in the projection. This process resulted in 8,314 total projected DUs. Multiplying this number by 3.36 people per unit according to the 2015-2019 Census figure, provides a total build-out population projection of 27,935 residents.

It is important to understand that projected growth rates are not the corner stone of this plan. If the projected population is reached earlier or later than anticipated, then future improvements to support growth may either come earlier or later. Impact Fees should not be significantly affected if the actual rate of growth varies from the rate used in the plan.

B. LENGTH OF PLANNING PERIOD

This Water Master Plan uses a 20-year planning period beginning in the year 2023 and running through year 2043. Water rights will be evaluated until the anticipated year of build-out. These

planning periods are consistent with standard practice and will allow an adequate evaluation of the system for potential infrastructure improvements or other needs. It is assumed build-out will occur approximately at 9,481 ERU's, which at the assumed 4.0% growth rate would occur between 2046-2047.

C. EXISTING WATER CONNECTIONS

Culinary Connections

As of 2021, the City had 3,424 Equivalent Residential Units (ERUs). An ERU value allows the comparison of water use between a residential connection and any other type of connection. For instance, if a business connection has an ERU of 2.5, then it uses 2.5 times the water of an average residential connection. The city is servicing connections separated into residential, commercial, and "other" units and it is assumed that one residential unit is equal to one ERU. Table II.C-1 shows the anticipated number of ERUs at different points of the planning horizon.

Table II.C-1: Culinary Water Connections

Year	Type of ERU			
	Residential	Commercial	Other	Total
Present (2023)	3311	227	237	3,775
10-Year (2033)	4900	336	351	5,587
20-Year (2043)	7254	498	519	8,271
Build-out (~2047)	8314	571	596	9,481

It should be noted that the "other" ERUs account for churches, schools, and city owned and operated facilities. It should also be noted that while townhome connections are included in the residential connection total, historical usage shows they use approximately one-third the amount of water of a typical residential home.

Secondary Connections

The City also has a secondary water irrigation system that is used for city owned properties such as the parks, cemeteries, and the town hall. The Rhone Subdivision near the river comprising of Vernon Street and Old Farm Road is also metered for residential use. All other areas of the city that have access to the secondary system are operated by the Santa Clara Field Canal Company. The system does not feed the entire city, so all other connections use the culinary water system for outdoor use.

The Canal Company provided a sample of 10 residential meter readings from 2021 comprising of some 0.25 acre lots and some 0.5 acre lots. The total number of Canal Company connections was obtained using provided record drawings and it was assumed all these connections were in service. The average usage from this sample was determined to be equal to 1 ERU. With this information the number of ERUs owned and metered by the city was identified. There are currently seven

"Other" connections which consist of parks and government properties and 10 residential connections in the Rhone subdivision. The average 2021 usage in the Rhone subdivision was found to be less than the average Canal Company usage. To be conservative the Canal Company usage was used as the basis for 1 ERU. Table II.C-2 shows the anticipated number of ERUs at different points of the planning horizon.

Table II.C-2: Secondary Water Connections

Year	ERU's				
	Residential (Metered by Canal Co.)	Residential (Metered by City)	Other (Metered by City)	Total (Metered by City)	Total
Present (2023)	643	4	123	127	770
10-Year (2033) Projects 1-5, Solace	643	348	175	523	1166
20- Year (2043) Black Desert, 4.0% growth rate	643	2043	260	2303	2946

D. HISTORICAL WATER USAGE

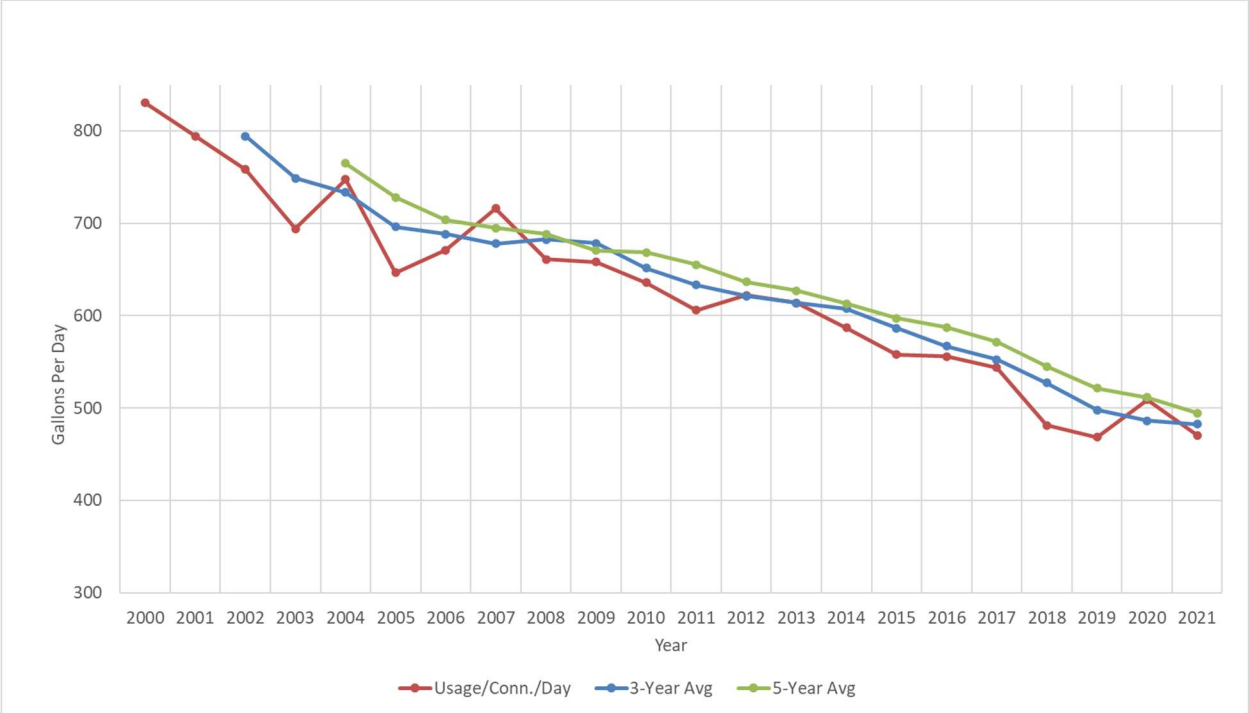
Culinary Usage

Culinary water usage data was also provided by the City for analysis. We were given total yearly water meter usage data from 2000 to 2021. The data has been tabulated and analyzed to determine usage trends for the City including the average usage per connection for the past 10, 5, and 3, years. The results of this analysis have been summarized in Table II.D-1 and Figure II.D-1.

Table II D-1: Average Culinary Water Usage

Residential	**10 year Average**	**5 year Average**	**3 year Average**
Usage (gallons)	475,287,750	500,683,800	510,887,333
Connections	2,386	2,781	2,900
Usage Per Connection (gal/year)	202,346	180,564	176,178
Daily Usage Per Connection (gal/day)	554	495	483
Commercial			
Usage (gallons)	14,430,000	22,314,800	27,273,667
Connections	54	36	39
Usage Per Connection (gal/year)	363,175	603,006	690,236
Daily Usage Per Connection (gal/day)	995	1,652	1,891
Equivalent Residential Unit	1.93	3.36	4.00
Non-Residential ERUs	76	125	155
Other			
Usage (gallons)	47,457,250	43,359,000	42,548,667
Connections	38	46	48
Usage Per Connection (gal/year)	1,573,890	940,419	897,140
Daily Usage Per Connection (gal/day)	4,312	2,576	2,458
Equivalent Residential Unit	7.54	5.21	5.00
Non-Residential ERUs	235	241	243
Total ERUs	2,696	3,147	3,297

Figure II. D-1: Santa Clara Average Residential Water Usage



The usage numbers presented above represent all uses of the culinary system, including outdoor usage for those who do not have irrigation access.

Typical trends in the area show that water usage per ERU has been trending down due to conservation efforts from individuals and usage rate structures promoting conservation. It has been found that Santa Clara usage has been trending down at a rate of approximately 2.5% each year on average.

The 3-year average **of 483 gallons per ERU per day** from 2019-2021 shown in Table II.D-1 above will be used in this analysis for the estimated 2023 usage. Following this conservative estimate, future usage will decrease each year by the historic -2.5% trend for the next five years followed by a 0.5% reduction every five years following (resulting in 2.0% in 2027, 1.5% in 2032, etc.).

Water usage also varies significantly throughout the year. During winter months, water usage typically goes down as outside watering becomes unnecessary. Peak water usage generally corresponds to summer months when outdoor watering is at its peak. To remain consistent with common practice, the peak demand for this report will use a peaking factor of 2.0 to result in a peak day demand of **966 gallons per day** for 2023.

Secondary Usage

Secondary water usage was provided by the City for the City metered residential and City Owned (Other) connections for the year 2021. The Canal Company provided meter data for 10 of their connections, which ended up being higher than the 10 residential city metered connections by approximately 2.6 times. Because of this it was assumed each future residential connection will have the same average usage as the existing canal company metered residential connections rather than the existing city metered connections. The data has been analyzed to determine usage trends for the City including the average usage per connection. The results of this analysis have been summarized in Table II.D-2.

Table II D-2: Secondary Water Usage

Canal Company Residential (Based on Sample)	**2,021**
Usage (gallons)	222,705,751
Connections	643
Usage Per Connection (gal/year)	346,354
Daily Usage Per Connection (gal/day)	949
City Owned Residential	
Usage (gallons)	1,312,000
Connections	10
Usage Per Connection (gal/year)	131,200
Daily Usage Per Connection (gal/day)	359
Equivalent Residential Unit	0.38
ERUs	4
City Owned "Other"	
Usage (gallons)	42,542,000
Connections	7
Usage Per Connection (gal/year)	6,077,429
Daily Usage Per Connection (gal/day)	16,650
Equivalent Residential Unit	17.55
Non-Residential ERUs	123
Total Irrigation ERUs (City Owned/Metered)	127
Total Irrigation ERUs	770

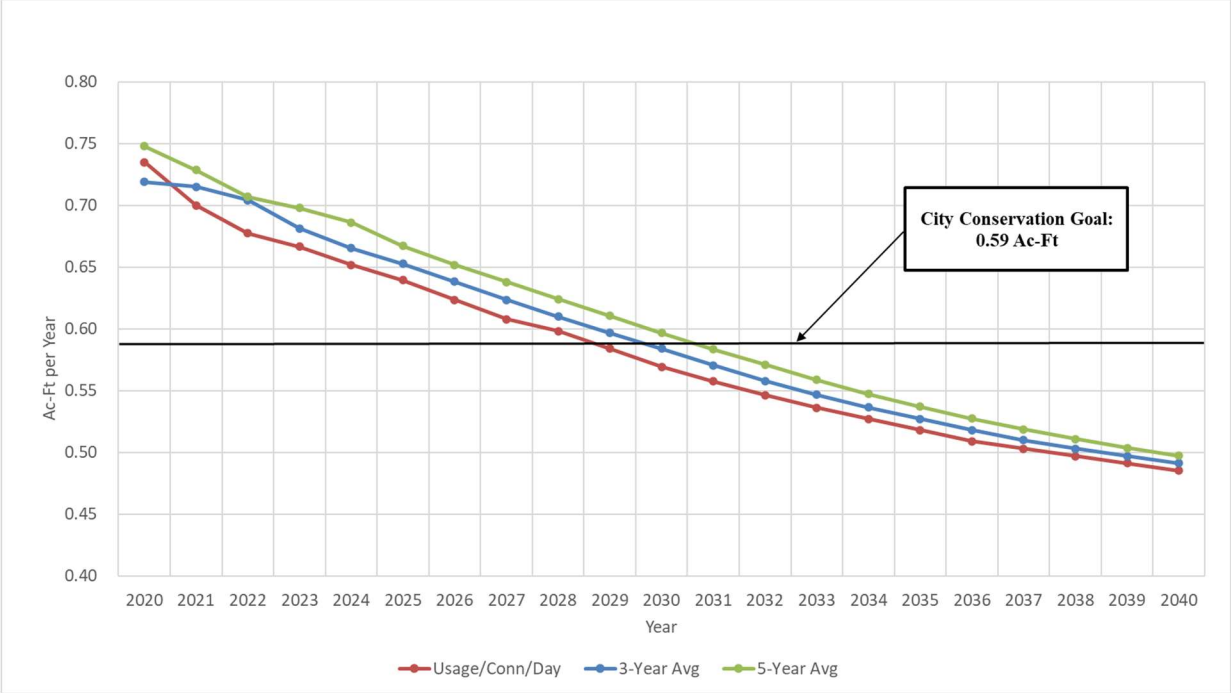
The average usage per residential connection is calculated to be **949 gallons per day**. This value is an average based on the number of active connections metered by the canal company in 2021. Future usage is assumed to follow the same negative trend of 2.5% as the culinary system.

Water usage also varies significantly throughout the year. During winter months, water usage typically goes down as outside watering becomes unnecessary. Peak water usage generally corresponds to summer months when outdoor watering is at its peak. To remain consistent with common practice, the peak demand for this report will use a peaking factor of 2.0 to result in a peak day demand of **1,898 gallons per day** for current irrigation water ERUs.

Combined Usage

The city has a goal to conserve usage to 0.59 ac-ft per connection per year for all culinary and secondary usage. The 3-year average shows the current total usage to be 0.71 ac-ft per connection per year. With the population growth projection of 4.0% and the usage decrease of 2.5% for the next five years followed by a 0.5% reduction every five years following (resulting in a 2.0% in 2027, 1.5% in 2032, etc.), it is estimated the City goal should be reached by 2030. This is shown in Figure II.D-2 below.

Figure II. D-2: Santa Clara Projected Future Usage



The usage numbers presented above represent all uses of the culinary and irrigation systems, indoor and outdoor.

III. WATER RIGHTS ANALYSIS

A. EXISTING WATER RIGHT

The existing Santa Clara City water rights are identified in Table III.A-1 below. The water rights are listed according to number, source, and flow and separated between Culinary and Irrigation sources. Santa Clara currently has an agreement with St. George City in regards to the Springs as a source. St. George has access to the springs for irrigation use, and in return Santa Clara receives a credit to access St. George culinary rights equal to the amount St. George uses in irrigation from the springs. St. George pulls from WR #81-742 and so the flow is not included in the total for this analysis.

Table III.A-1: Santa Clara Water Rights

Culinary Water Rights		**Flow**		
W.R. #	**Source**	**gpm**	**cfs**	**AcFt.**
81-782	Snow Canyon Compact	224.4	0.50	362.0
81-973	Snow Canyon Compact	439.8	0.98	709.5
81-893	Snow Canyon Wells # 6 & 7	897.6	2.00	1447.9
81-4123	Snow Canyon Wells # 6 & 7	1.7	0.00	2.7
81-4225	Snow Canyon Wells # 6 & 7	12.4	0.03	20.0
81-4226	Snow Canyon Wells # 6 & 7	5.2	0.01	8.4
	WCWCD Regional Supply Agreement			
Sub Total		1,581.2	3.5	2,550.6
81-149	Sheep Spring (Not in Use)	8.1	0.02	13.0
81-741	Miller, Beecham & Gray Springs (Not in Use)	54.7	0.12	88.3
81-742	Miller, Beecham & Gray Springs (St. George Agreement: Not Included in Total)	25.1	0.06	40.5
81-1061	Miller Springs (Not in Use)	4.9	0.01	8.0
Sub Total		67.7	0.2	109.3
Total Culinary		**1581.2**	**3.52**	**2659.8**
Secondary Water Rights		**Flow**		
W.R. #	**Source**	**gpm**	**cfs**	**AcFt.**
81-1496	J. Ross Hurst Entrada Well (Irrigation)	16.3	0.04	26.2
81-4189	Rex Jackson Sunbrook Well (Irrigation)	58.9	0.13	95.0
81-497	Crystal Lakes Sunbrook Well (Irrigation)	74.4	0.17	120.0
81-475	Ralph Hafen Well (Irrigation)	4.7	0.01	7.6
81-4184	McDermitt Well	93.0	0.21	150.0
Sub Total		247.2	0.6	398.8
	Irrigation Company 24 Shares (McDermitt)	0.0	0.00	96.0
	Irrigation Company 25.25 Shares (Santa Clara)	0.0	0.00	101.0
Sub Total		0.0	0.0	197.0
Total Secondary		**247.2**	**0.6**	**595.8**

The City currently participates in the Washington County Water Conservancy District (WCWCD) Regional Water Supply Agreement (RWSA) as a solution for additional culinary water sources. The city also has an agreement with the Santa Clara Field Canal Company as a solution for

additional secondary water sources. Both agreements provide the mechanism for water to be supplied if there is not enough water right or source necessary for growth.

B. EXISTING REQUIRED CULLINARY WATER RIGHT

The State of Utah Public Administrative Rules for Public Drinking Water Systems, R309-510, states that a community should have adequate water right to supply each culinary ERU with 400 gallons per day for indoor water use, plus an amount for outdoor use as dictated by irrigated acreage and a consumptive use value obtained from the State guidelines. If adequate data exists, the provider is allowed to substitute historical usage data instead. The City historical average usage of 483 gallons per day per ERU will be used in this plan.

By multiplying the average water usage per ERU in the City by the number of existing ERUs, the current required amount of water rights can be determined as shown in Table III.B-1.

Table III.B-1: Current Required Water Right

Average Demand (Total Use)							
3,775	ERU's X	483 gpd X hr / ERU min.	=	1,266	gpm		
3,775	ERU's X	483 gpd X Acft. / ERU gal	=	2,042	Acft		
	Total Required Water Right			**2,042**	**Acft**	**1,266**	**gpm**
	Existing Culinary System Water Right Surplus			**618**	**Acft**	**315**	**gpm**

The existing water right surplus or deficit is determined by subtracting the current required water right demand of 2,042 ac-ft from the total available water right of 2,660 ac-ft, which yields a surplus of 618 ac-ft. The district currently has access to enough water rights to supply all of its existing culinary ERUs.

C. PROJECTED REQUIRED CULINARY WATER RIGHT

The projected amount of required water rights at the end of the 10-year planning period and at build-out can also be calculated by substituting the projected number of ERUs into the calculation for the current number of ERUs as shown in Table III.C-1 and Table III.C-2.

Table III.C-1: Projected 10-Year Required Water Right

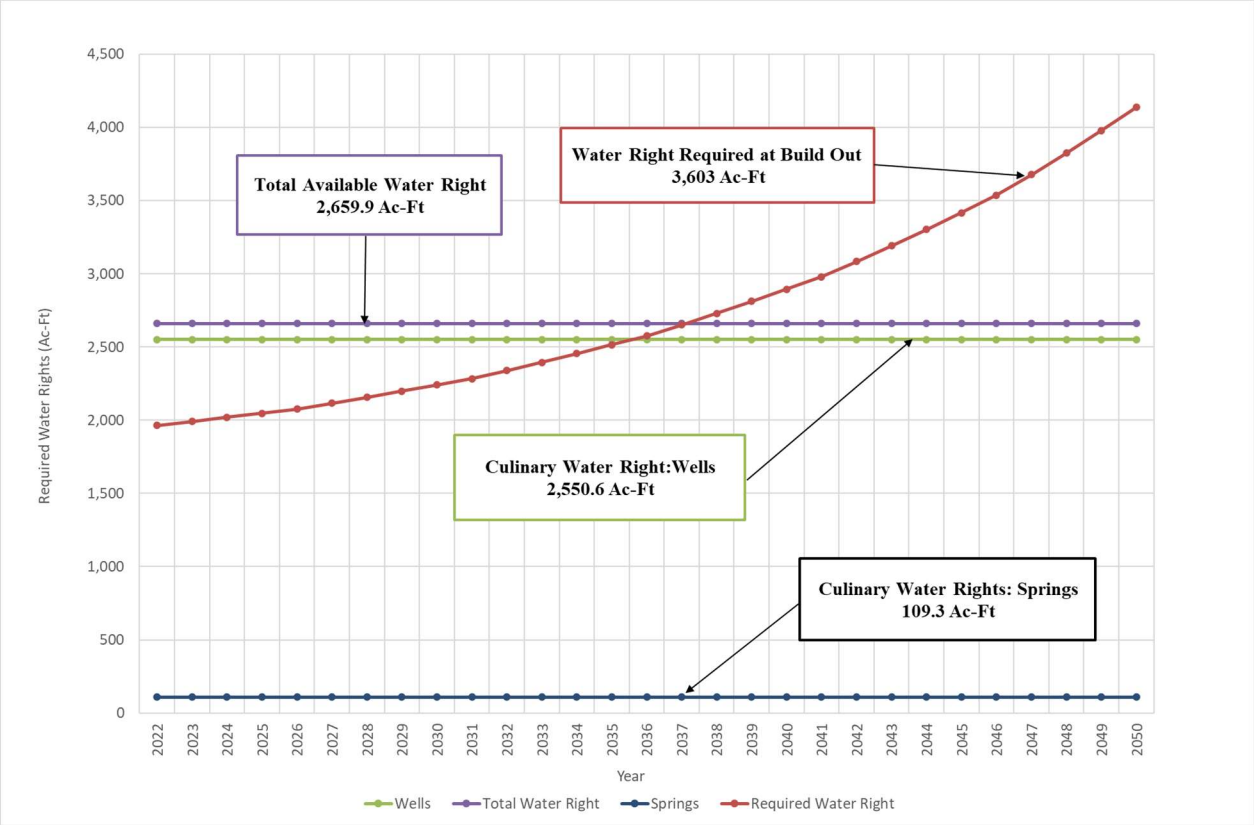
Average Demand (Total Use)								
5,587	ERU's X	383 gpd / ERU	X	hr / min.	=	1,485	gpm	
5,587	ERU's X	383 gpd / ERU	X	Acft. / gal	=	2,396	Acft	
	Total Required Water Right					**2,396**	**Acft**	**1,485** **gpm**
	Existing Culinary System Water Right Surplus					**264**	**Acft**	**96** **gpm**

Table III.C-2: Projected Build-Out Year Required Water Right

Average Demand (Total Use)								
9,481	ERU's X	339 gpd / ERU	X	hr / min.	=	2,234	gpm	
9,481	ERU's X	339 gpd / ERU	X	Acft. / gal	=	3,603	Acft	
	Total Required Water Right					**3,603**	**Acft**	**2,234** **gpm**
	Existing Culinary System Water Right Deficit					**(943)**	**Acft**	**(653)** **gpm**

The projected water right surplus or deficit is determined by subtracting the projected required water right from the total available water right. The 10-year projection results in a surplus of 264 ac-ft, and the build-out projection results in a deficit of 943 ac-ft. Figure III.C-1 shows the projected culinary water right demands vs. the City's existing available water right resources throughout the planning period.

Figure III.C-1: Culinary Water Right Resources vs. Projected Demand



D. EXISTING REQUIRED SECONDARY WATER RIGHTS

Most of the secondary system in Santa Clara is owned and operated by the Canal Company. Because of this, the city water rights will only need to service the connections owned by the city. By multiplying the average water usage per ERU in the City by the number of existing ERUs, the current required amount of water rights can be determined as shown in Table III.D-1.

Table III.D-1: Current Required Water Right

Average Demand (Total Use)						
127 ERU's X	949 gpd / ERU X hr / min.	=	83	gpm		
127 ERU's X	949 gpd / ERU X Acft. / gal	=	135	Acft		
Total Required Water Right			**135**	**Acft**	**83**	**gpm**
Existing Culinary System Water Right Surplus			**461**	**Acft**	**164**	**gpm**

The existing water right surplus or deficit is determined by subtracting the current required water right demand of 135 ac-ft from the total available water right of 596 ac-ft, which yields a surplus

of 461 ac-ft. The district currently has access to enough water rights to supply all of its existing ERUs.

E. PROJECTED REQUIRED SECONDARY WATER RIGHTS

The projected amount of required water rights at the end of the 10-year planning period and at the end of the 20-year planning period can also be calculated by substituting the projected number of ERUs into the calculation for the current number of ERUs as shown in Table III.E-1 and Table III.E-2.

Table III.E-1: Projected 10-Year Required Water Right

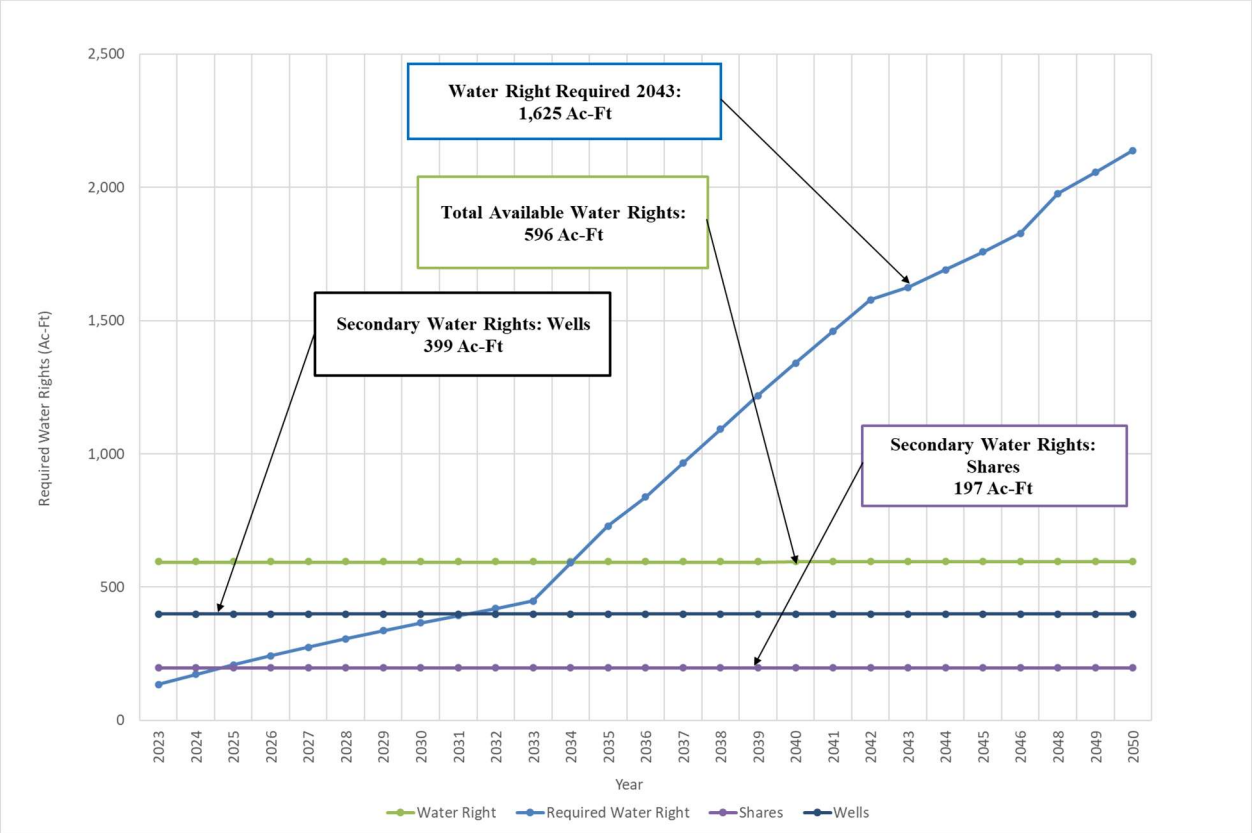
Average Demand (Total Use)							
523	ERU's X	764 gpd X hr / ERU min.	=	278	gpm		
523	ERU's X	764 gpd X Acft. / ERU gal	=	448	Acft		
	Total Required Water Right			**448**	**Acft**	**278**	**gpm**
	Existing Culinary System Water Right Surplus			**148**	**Acft**	**(30)**	**gpm**

Table III.E-2: Projected 20- Year Required Water Right

Average Demand (Total Use)							
2,303	ERU's X	630 gpd X hr / ERU min.	=	1,008	gpm		
2,303	ERU's X	630 gpd X Acft. / ERU gal	=	1,625	Acft		
	Total Required Water Right			**1,625**	**Acft**	**1,008**	**gpm**
	Existing Culinary System Water Right Deficit			**(1,029)**	**Acft**	**(760)**	**gpm**

The projected water right surplus or deficit is determined by subtracting the projected required water right from the total available water right. The 10-year projection results in a surplus of 148 ac-ft, and the 20-year projection results in a deficit of 1,029 ac-ft. Figure III.C-1 shows the projected secondary water right demands vs. the City's existing available water right resources throughout the planning period.

Figure III.C-1: Secondary Water Right Resources vs. Projected Demand



F. RECOMMENDED SECONDARY WATER RIGHT IMPROVEMENTS

Culinary Recommendation

The projections in this analysis show that the City does not have sufficient water rights to meet the needs of customers over the next 20 years and through the projected year of build-out. However, the RWSA in place provides additional water to the City if needed. It is recommended that Santa Clara City protect all existing water rights not currently being used in their system. It is not in the scope of this report to derive specific recommendations for each individual right or provide detailed analysis of protections or strategies. However, a recent Water Right Report was performed, and the recommendations listed have been included below. Further consultations with a water rights professional to make sure that all the water rights and agreements are protected is recommended.

- WR #81-782: Update the Title from "Town of Santa Clara" to "City of Santa Clara"
- WR #81-973: Update the Title from "Town of Santa Clara" to "City of Santa Clara"
- WR #81-149: Update the Title from "Town of Santa Clara" to "City of Santa Clara"
- WR #81-741: Update the Title from "Town of Santa Clara" to "City of Santa Clara" and have the state update and correct flow rate error
- WR #81-742: Update the Title from "Town of Santa Clara" to "City of Santa Clara" and Proof of Beneficial Use
- WR #81-1061: Update the Title from "Town of Santa Clara" to "City of Santa Clara"

Secondary Recommendation

The projections in this analysis show that the City has sufficient water rights to meet the needs of customers over the next 10 years if the well water rights are accessed. If the 49.25 shares are the only water rights utilized there is not sufficient water rights to meet the needs of the customers once city projects and planned developments are completed. However, if the City exceeds it's water shares they can purchase water from the irrigation company so this is not a concern. It is recommended that Santa Clara City protect all existing water rights not currently being used in their system. It is not in the scope of this report to derive specific recommendations for each individual right or provide detailed analysis of protections or strategies. However, a recent Water Right Report was performed, and the recommendations listed have been included below. Further consultations with a water rights professional to make sure that all the water rights and agreements are protected is recommended.

- WR #81-475: File a change application for municipal use
- WR #81-497: File a change application for municipal use
- WR #81-1496: File a change application for municipal use
- WR #81-4184: Proof of Beneficial Use is past due
- WR #81-4189: File a change application for municipal use

IV. WATER SOURCE CAPACITY ANALYSIS

A. EXISTING CULINARY WATER SOURCE CAPACITY

To analyze source capacity, all available culinary water sources must first be identified. The City has several shared wells and an agreement that only allows them to have 24.7% of the capacity. Well flows were provided by the city and the total flow incorporating this percentage gives Santa Clara 2,662 gpm of source capacity as shown in Table IV.A-1 below.

Table IV.A-1: Santa Clara Culinary Water Source Capacity

	Total Flow	Santa Clara's 24.7%	
Shared Wells	**gpm**	**CFS**	**gpm**
Snow Canyon #3a	530	0.292	131
Snow Canyon #2	600	0.330	148
Snow Canyon #3	430	0.237	106
Snow Canyon #4	500	0.275	124
Snow Canyon #5	215	0.118	53
Sub-total Shared Wells =		1.252	562
Santa Clara Owned Sources		**CFS**	**gpm**
Snow Canyon Well #6		2.005	900
Snow Canyon Well #7		1.114	500
Regional Water Line / Wash. County water district ?		1.560	700
Sub-total Santa Clara Owned Water =		4.679	2,100
Total Culinary Water Source=		**5.931**	**2,662**

B. EXISTING REQUIRED CULINARY WATER SOURCE CAPACITY

The State of Utah Public Administrative Rules for Public Drinking Water Systems, R309-510, states that a water system should have an adequate water source capacity to supply peak day demand. This is implied to be twice the amount of average day demand. Doubling the historical usage results in a peak day demand of 966 gpd/ERU.

By multiplying the peak day culinary water usage per ERU by the number of existing ERUs, the existing required culinary water source capacity was determined. This calculation is shown below in Table IV.B-1.

Table IV.B-1: Current Required Culinary Water Source Capacity

Required Indoor/Outdoor Source		
3,775 ERU's X $\frac{966 \text{ gpd}}{\text{ERU}} \times \frac{1 \text{ day}}{24 \text{ hr}} \times \frac{1 \text{ hr}}{60 \text{ min.}}$	= 2,532	gpm
Total Required Source Capacity	**2,532**	**gpm**
Existing Culinary System Source Capacity Surplus	**130**	**gpm**

The existing source capacity surplus or deficit is determined by subtracting the existing required source capacity of 2,532 gpm from the total available source capacity of 2,662 gpm (as limited by the water right and well share agreement), which yields a surplus of 130 gpm.

C. PROJECTED REQUIRED CULINARY WATER SOURCE CAPACITY

The projected amount of required source capacity at the end of the 10-year planning period and at build-out is determined from the same information and calculations explained in Part B, except the projected number of culinary water ERUs is substituted into the calculations for the current number of ERUs as shown in Table IV.C-1 and Table IV.C-2.

Table IV.C-1: Projected 10-Year Required Culinary Water Source Capacity

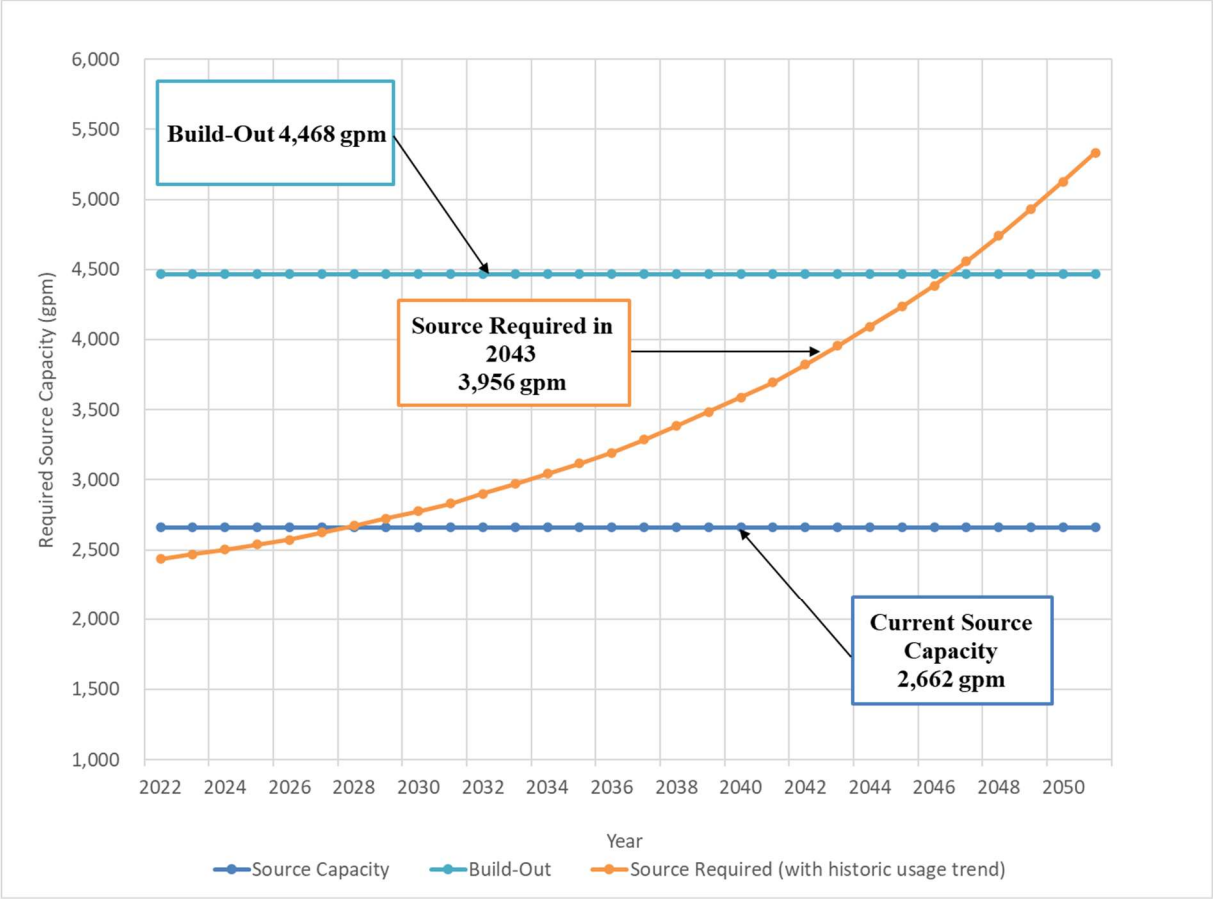
Required Indoor/Outdoor Source								
5,587	ERU's X	766 gpd / ERU	X	1 day / 24 hr	X	1 hr / 60 min.	=	2,971 gpm
Total Required Source Capacity								**2,971 gpm**
Existing Culinary System Source Capacity Deficit								**(309) gpm**

Table IV.C-2: Projected Build-out Required Culinary Water Source Capacity

Required Indoor/Outdoor Source								
9,481	ERU's X	679 gpd / ERU	X	1 day / 24 hr	X	1 hr / 60 min.	=	4,468 gpm
Total Required Source Capacity								**4,468 gpm**
Existing Culinary System Source Capacity Deficit								**(1,806) gpm**

The projected source capacity surplus or deficit is determined by subtracting the projected required source capacity from the total available source capacity. The 10-year projection results in a deficit of 309 ac-ft, and the build-out projection results in a deficit of 1,806 ac-ft. Figure IV.C-1 shows the projected culinary water source capacity demands vs. the City's existing available source capacity resources throughout the planning period.

Figure IV.C-1: Culinary Water Source Capacity Resources vs. Projected Demands



D. RECOMMENDED CULINARY WATER SOURCE CAPACITY IMPROVEMENTS

The projections in this analysis show that the City does not have sufficient source capacity to meet the needs of customers over the next 20 years and through the projected year of build-out. It is recommended that the city drill and equip a new well to increase their source capacity.

V. WATER STORAGE CAPACITY ANALYSIS

A. EXISTING CULINARY WATER STORAGE CAPACITY

To analyze storage capacity, all available culinary water storage must first be identified. The existing storage facilities consist of three concrete tanks. The total storage is 4,100,000 gallons as shown in Table V.A-1 below.

Table V.A-1: Santa Clara Culinary Water Storage Capacity

Existing Storage Capacity:		
Snow Canyon Compact tanks	600,000	gal.
Concrete tank at Snow Canyon	2,500,000	gal.
South Hills Tank	1,000,000	gal.
Total Existing Capacity =	**4,100,000**	**gal.**

B. EXISTING REQUIRED CULINARY WATER STORAGE CAPACITY

Water storage capacity requirements are found in the State of Utah Administrative Rules for Public Drinking Water Systems, R309-510. These regulations require storage for a community's culinary water system to meet one full day's use requirement for all water connections, plus the required fire flows for a minimum of one hour.

As shown in previous sections, the average water use per ERU is 483 gallons per day of culinary water for indoor and outdoor use. Storage requirements for fire protection vary slightly from community to community. In general, fire flow requirements are set by the local Fire Chief or are based on building size and type of construction. The Statewide minimum fire flow is 1,000 gpm for dwellings under 3,600 square feet and 1,500 gpm for larger dwellings. Based on the varying size of homes in the city a fire flow of 1,250 gpm will be used. Based on this information, the current required storage capacity is calculated as shown in Table V.B-1.

Table V.B-1: Current Required Culinary Water Storage Capacity

Required Culinary Water Storage Capacity										
		483 gpd / ERU	X	3,775	ERU	=	1,823,140	gpd		
1,250 gpm	X	60 / 1	min / hr	X	2 hr	=	150,000	gal.		
					Total Existing Required Storage		1,973,140	gal.		
					Total Existing Capacity		4,100,000	gal.		
					Existing Capacity Surplus		2,126,860	gal.		

The existing water storage capacity surplus or deficit is determined by subtracting the current required water storage capacity of 1,973,140 gallons from the total available water storage capacity of 4,100,000 gallons, which yields an existing surplus of 2,126,860 gallons.

C. PROJECTED REQUIRED CULINARY WATER STORAGE CAPACITY

The projected required culinary water storage capacity at the end of the 10-year planning period and build-out are determined from the same factors explained previously, but the projected number of culinary water ERUs is inserted into the calculations as shown in Table V.C-1 and Table V.C-2.

Table V.C-1: Projected 10-Year Required Culinary Water Storage Capacity

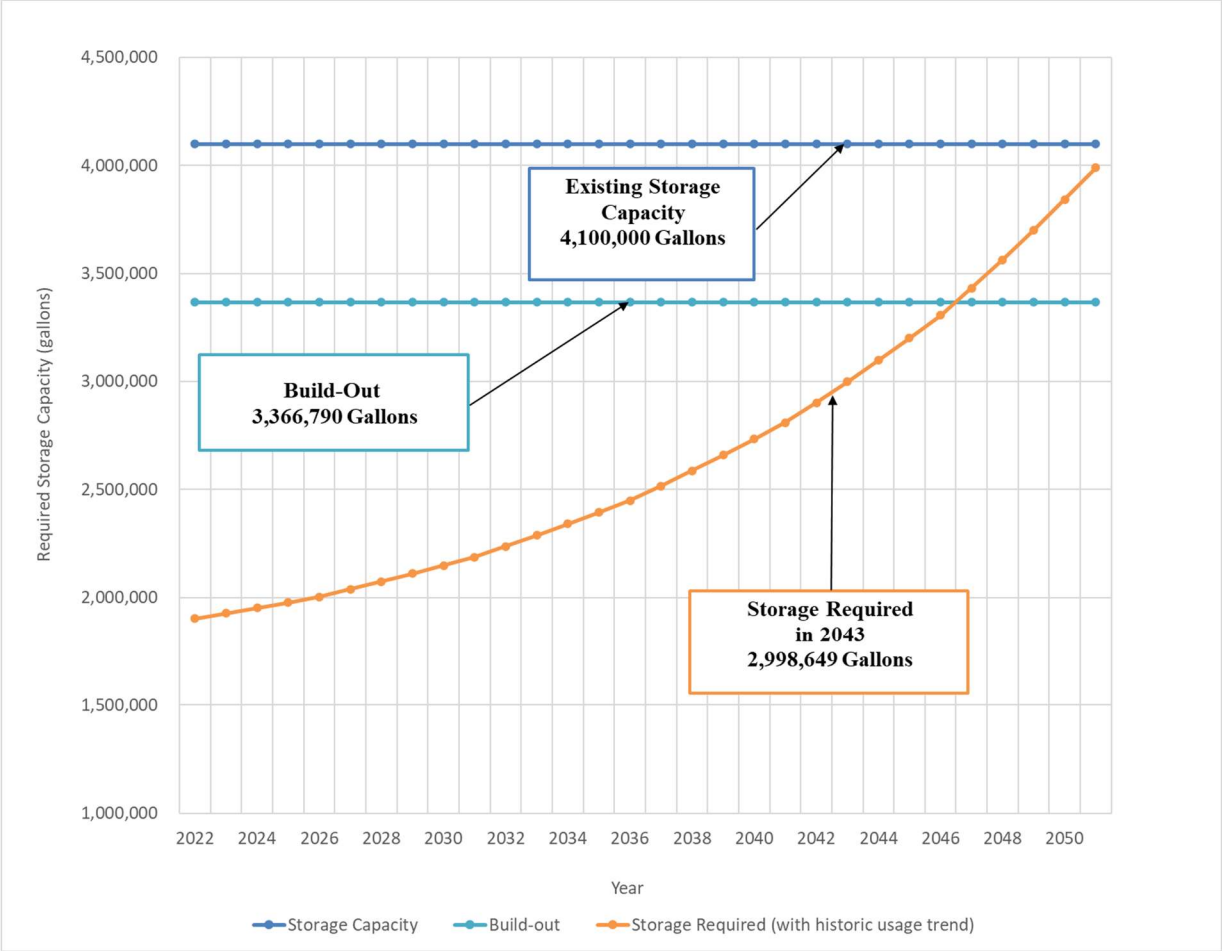
Required Culinary Water Storage Capacity										
		383	gpd	X	5,587	ERU	=	2,138,823	gpd	
			ERU							
1,250	gpm	X	60	min	X		2 hr =	150,000	gal.	
			1	hr						
							Total Existing Required Storage	2,288,823	gal.	
							Total Existing Capacity	4,100,000	gal.	
							Existing Capacity Surplus	1,811,177	gal.	

Table V.C-2: Projected Build-out Required Culinary Water Storage Capacity

Required Culinary Water Storage Capacity										
		339	gpd	X	9,481	ERU	=	3,216,790	gpd	
			ERU							
1,250	gpm	X	60	min	X		2 hr =	150,000	gal.	
			1	hr						
							Total Required Storage	3,366,790	gal.	
							Total Existing Capacity	4,100,000	gal.	
							Future Capacity Surplus	733,210	gal.	

The projected water storage capacity surplus or deficit is determined by subtracting the projected required water storage capacity. The 10-year projection results in a surplus of 1,811,177 gallons, and the build-out projections results in a surplus of 733,210 gallons. Figure V.C-1 shows the projected culinary water storage capacity demands vs. the City's existing available storage capacity resources throughout the planning period.

Figure V.C-1: Culinary Water Storage Capacity vs. Projected Demands



The district has adequate storage for emergency fire flow and average flows for the 20-year planning horizon and until estimated year of build-out.

D. EXISTING ELEVATION CONSTRAINTS

It should be mentioned that, based on minimum pressure requirements at the service connections, the existing tanks have limitations on the development elevations that the tanks can serve. Currently the areas in Santa Clara's zoning map designated for future development do not raise any concerns. However, if the "South Hills" area currently zoned as "Open Space" is ever developed this area will require a new tank to accommodate the higher elevation.

E. RECOMMENDED CULINARY WATER STORAGE CAPACITY IMPROVEMENTS

The projections in this analysis show that the City has sufficient storage capacity to meet the needs of customers until build-out. It is recommended that the City continue to watch usage trends and population growth and prepare accordingly.

VI. WATER TREATMENT REQUIREMENTS

A. GENERAL REQUIREMENTS

Santa Clara City currently does not chlorinate its culinary water as it is already chlorinated by the Snow Canyon Compact. However, the tank facility in the South Hills was designed with the capability to generate and dose water in the tank with sodium hypochlorite should the chlorine level in the tank drop below acceptable levels.

The Snow Canyon Compact wells currently provide water that exceeds the maximum arsenic levels allowed by the E.P.A. for drinking water. The current practice is to treat this water as necessary by dilution with WCWCD Regional Water at the approximate ratio of 63:37 compact water to regional water and mixing with water from Wells 6 and 7. There are no plans to modify this procedure; however, the City of St. George has recently completed an arsenic treatment plant for the Gunlock Well Fields. This may provide additional treated source for exchange or mixing. There are treatment options available if necessary.

B. RECOMMENDED WATER TREATMENT FACILITY IMPROVEMENTS

No additional water treatment is anticipated with the City's current system. However, continued vigilance is recommended to ensure that the chlorine residual is maintained at various points in the system. Should the water need a chlorine residual, there are several options that the City can consider. One option is to add a sodium hypochlorite plant to generate the chlorine onsite, which can then be injected into the system.

VII. WATER DISTRIBUTION SYSTEM ANALYSIS

A. EXISTING CULINARY DISTRIBUTION SYSTEM ANALYSIS

The State of Utah Administrative Rules for Public Drinking Water Systems, R309-510, require distribution systems to be sized to supply peak instantaneous flows, while maintaining a minimum system pressure of 30 psi. The rule also requires that distribution systems are able to supply peak day flows plus fire flows for a minimum of 1 hour, while maintaining a minimum system pressure of 20 psi. The system also needs to provide peak day flows while maintaining a minimum system pressure of 40 psi. As a general guideline, it is recommended that the system be able to provide a minimum static pressure of 50 psi at every point in the distribution system.

The indoor peak instantaneous demand equation (see Table VII.A-1) is found in the State of Utah Public Administrative Rules for Drinking Water Systems, R309-510. This rule also provides a flow requirement of 9.8 gpm per irrigated acre for use in determining the outdoor peak instantaneous demand. By taking a representative sample of homes/yards in Santa Clara and averaging the area of irrigated landscaping, an average area of 0.13 irrigated acres per ERU was determined and used to estimate the outdoor peak instantaneous demand. The number of outdoor ERUs represents the estimated number of existing ERUs using culinary water for irrigation. This was done by subtracting the number of irrigation ERUs from the total culinary ERUs.

Table VII.A-1: Current Required Distribution Demands

Indoor Peak Instantaneous Demand:						
Q=	10.8 X N^.64		N= Number of ERU's			
Q=	10.8 X (3775) ^.64					
Q=				=	2,102	gpm
Outdoor Peak Instantaneous Demand:						
2,937 ERU. X	0.13 acre / ERU	X	9.8 gpm / irr. acre	=	3,742	gpm
Current Peak Instantaneous Demand				=	**5,844**	**gpm**
Peak Day Demand & Fire Flow						
3,775 ERU's X	966 gpd / ERU	X	1 day / 24 hr	1 hr / 60 min.	=	2532 gpm
Fire Flow					=	1,250 gpm
Current Peak Day Demand + Fire Flow					=	**3,782 gpm**

As previously discussed, the peak day demand is twice the average amount of historical usage, or 966 gpd/ERU. The State regulation for fire flow requires a minimum of 1,000 gpm, but the City

has identified 1,250 gpm as a goal for all hydrants throughout the City and therefore 1,250 gpm has been used for this analysis. State regulations require all fire hydrants to be served from 8-inch diameter or larger pipelines unless it can be proven through the use of modeling that 6-inch lines are sufficient.

The existing Santa Clara culinary water distribution system has been modeled for these demands using the computer program infowater® by Innovyze®. The main network of Santa Clara City's distribution system appears to be providing good service to the majority of connections. At the existing peak day demand, the model shows that all the junctions in the system are able to produce the required fire flows while maintaining the minimum required pressure of 20 psi at all other connections. The system was capable of maintaining pressures of 30 psi at all nodes while experiencing peak instantaneous demands and 40 psi while experiencing peak day demands.

B. PROJECTED CULINARY DISTRIBUTION SYSTEM ANALYSIS

The projected distribution system analysis is performed using the same assumptions as in the existing system analysis, except that the projected number of ERUs in 2043 are inserted into the calculations. Table VII.B-1 subtracts the projected number of Irrigation ERUs in 2043 without the irrigation recommended improvements and Table VII.B-2 subtracts the projected number of irrigation ERUs in 2043 with the recommended irrigation improvement projects. These recommendations have been made to aid in conservation and can be seen in the following section VIII.

Table VII.B-1: Projected 20-Year Required Distribution Demands without Irrigation Projects

Indoor Peak Instantaneous Demand:

Q= 10.8 X N^.64 N= Number of ERU's

Q= 10.8 X 8,271 ^.64

Q= = 3,473 gpm

Outdoor Peak Instantaneous Demand:

3,162 ERU. X $\frac{0.13 \text{ acre}}{\text{conn.}}$ X $\frac{9.8 \text{ gpm}}{\text{irr. acre}}$ = 4,028 gpm

Projected Peak Instantaneous Demand = **7,501 gpm**

Peak Day Demand & Fire Flow

8,271 ERU's X $\frac{689 \text{ gpd}}{\text{ERU}}$ X $\frac{1 \text{ day}}{24 \text{ hr}}$ $\frac{1 \text{ hr}}{60 \text{ min.}}$ = 3,956 gpm

Fire Flow = 1,250 gpm

Projected Peak Day Demand + Fire Flow = **5,206 gpm**

Table VII.B-2: Projected 20-Year Required Distribution Demands with Irrigation Projects

Indoor Peak Instantaneous Demand:

Q= 10.8 X N^.64 N= Number of ERU's

Q= 10.8 X 8,271 ^.64

Q= = 3,473 gpm

Outdoor Peak Instantaneous Demand:

2,714 ERU. X $\frac{0.13 \text{ acre}}{\text{conn.}}$ X $\frac{9.8 \text{ gpm}}{\text{irr. acre}}$ = 3,457 gpm

Projected Peak Instantaneous Demand = **6,930 gpm**

Peak Day Demand & Fire Flow

8,271 ERU's X $\frac{689 \text{ gpd}}{\text{ERU}}$ X $\frac{1 \text{ day}}{24 \text{ hr}}$ $\frac{1 \text{ hr}}{60 \text{ min.}}$ = 3,956 gpm

Fire Flow = 1,250 gpm

Projected Peak Day Demand + Fire Flow = **5,206 gpm**

Modeling the future system without any improvements projected that the system is capable of maintaining pressures of 30 psi at all nodes while experiencing peak instantaneous demands and 40 psi while experiencing peak day demands. The system is also capable of providing the minimum required pressure of 20 psi while producing required fire flow. However, there were areas in the system where pipe flow velocities are anticipated to be above 5 ft/s. Recommendations have been made to decrease flows in these areas.

A final model incorporating the recommended culinary distribution system improvements has also been created. This system was modeled using the projected 2043 system demands with and without irrigation improvements. With these modifications, the system will be able to meet all state requirements and protect pipes by decreasing velocity.

C. EXISTING IRRIGATION DISTRIBUTION SYSTEM ANALYSIS

Unlike Culinary water systems, there are no State irrigation system requirements regarding pressure. However, the same general guideline Sunrise recommends for culinary systems was used for the secondary distribution system analysis. Namely, that the system be able to provide a minimum static pressure of 50 psi at every point in the distribution system.

The peak day demand, which is twice the average usage of 719 gpd/ERU have been used in this analysis and shown Table VII.C-1.

Table VII.C-1: Current Required Distribution Demands

$$127 \text{ ERU's} \times \frac{1{,}898 \text{ gpd}}{\text{ERU}} \times \frac{1 \text{ day}}{24 \text{ hr}} \times \frac{1 \text{ hr}}{60 \text{ min.}} = 167 \text{ gpm}$$

The existing Santa Clara secondary water distribution system has been modeled for these demands using the computer program infowater® by Innovyze®. The main network of Santa Clara City's distribution system appears to be providing sufficient service to all of the connections. At the existing average day demand and peak day demand, the model shows that all the junctions in the system are able to produce the recommended 50 psi.

D. PROJECTED IRRIGATION DISTRIBUTION SYSTEM ANALYSIS

The projected distribution system analysis is performed using the same assumptions as in the existing system analysis, except that the projected number of ERUs in 2043 are inserted into the calculations. The projected peak day demand is calculated in Table VII.D-1 below.

Table VII.D-1: Projected 20-Year Required Distribution Demands

$$2{,}303 \text{ ERU's} \times \frac{1{,}260 \text{ gpd}}{\text{ERU}} \times \frac{1 \text{ day}}{24 \text{ hr}} \times \frac{1 \text{ hr}}{60 \text{ min.}} = 2{,}015 \text{ gpm}$$

Modeling the future system with the included expansion projects shows that the system is capable of maintaining pressures of 50 psi at all nodes while experiencing peak demands. More infowater analysis information can be found is Appendix B.

E. RECOMMENDED DISTRIBUTION SYSTEM IMPROVEMENTS

In an effort to meet the State requirements for future demands and improve conservation efforts the following distribution system improvements are recommended. The recommendations exhibits are shown in Appendix A.

- New 12" line connecting North Hamblin Parkway to North Town Road
- 10" to 12" PRV Enlargement
- 12" Line to connect Wells 6/7 to the Snow Canyon Tank
- New 8" irrigation line along Riesling Avenue
- New of 8" irrigation line along Crestview Drive
- New 8" irrigation line to connect Villa Bonita subdivision
- New 8" line along North Town Road
- New 8" line along Sycamore Drive

VIII. SUMMARY OF RECOMMENDED SYSTEM IMPROVEMENTS

A. RECOMMENDED SYSTEM IMPROVEMENTS

Based on the findings from Sections III - VII, showing immediate system needs as well as requirements for growth projected over the next 20 years and build-out, it is recommended that the City proceed with a construction project to implement improvements as required to bring the system into conformance with State rules and maintain the same level of service. Table VIII.A-1 summarizes the recommended improvements.

Table VIII.A-1: Recommended System Improvements

RECOMMENDED WATER SYSTEM IMPROVEMENTS	
ANALYSIS	RECOMMENDED IMPROVEMENTS
1. Water Rights	Recommendations given in the Water Rights Report including: 1. Application changes 2. Title changes 3. Proof of Beneficial Use 4. State flow correction
2. Water Source Capacity	A new well
3. Water Storage Capacity	No Improvements
4. Water Treatment	Continue to monitor chlorine residual in system
5. Distribution System	1. New 12" line connecting North Hamblin Parkway to North Town Road 2. 10" to 12" PRV Enlargement 3. New 12" Line to connect Wells 6/7 to the Snow Canyon Tank 4. New 8" irrigation line along Riesling Avenue 5. New of 8" irrigation line along Crestview Drive 6. New 8" irrigation line to connect Villa Bonita subdivision 7. New 8" line along North Town Road 8. New 8" line along Sycamore Drive

B. PRELIMINARY ENGINEER'S OPINION OF PROBABLE COST

An Engineer's Opinion of Probable Cost (EOPC) for the recommended water system improvements has been provided in Appendix D.

The EOPC includes all anticipated construction costs, contingency budgets, and all other normal project costs such as survey, administration, engineering, legal services, fiscal costs, rights-of-way, etc. A summary of the project cost estimates is included in Table VIII.B-1.

Table VIII.B-1: Project Cost Summary

Project Description		Total Cost
Culinary: Water Right Recommendations	$	18,000
Culinary: North Hamblin Pkwy to North Town Rd 12" Line	$	292,400
Culinary: 10" to 12" PRV Enlargement	$	208,550
Culinary: 12" Line Well Connection to Snow Canyon Tank	$	4,170,000
Culinary: New Well	$	2,114,350
Irrigation: Riesling Avenue 8" Line	$	136,140
Irrigation: Crestview Drive 8" Line	$	505,230
Irrigation: Villa Bonita 8" Line	$	99,900
Irrigation: North Town Road 8" Line	$	579,665
Irrigation: Sycamore Drive 8" Line	$	124,470
Irrigation: Claude Drive 8" Line	$	124,470
TOTAL PROJECT COSTS	$	8,373,175

C. PROPOSED FINANCING PLAN

The City plans to self-fund the proposed projects. Table VIII.C-1 outlines a sample financing scenario for the recommended improvements starting in fiscal year 2024/25. It is assumed that no grants will be received and that all projects will be completed within 14 years.

TABLE VIII.C-1
PROPOSED FINANCING PLAN

PROJECT COST 2024/25			**$ 598,084**
FY 2024/25 EXPENSES			
Proposed Funding:	**Rate**	**Term in Yrs.**	**Principal**
Self Participation			598,084
TOTAL PROJECT FUNDING:			**$598,084**
EXPENSES: (First Year of New Debt Serv. Pmt.)			
Salaries, Wages, & Benefits (100's)			$659,545
Materials & Supplies (200's)			$444,095
Professional & Technical Services (300's)			$51,577
Special Dept. Materials & Supplies (400's)			$70,481
Other Charges (500's)			$28,411
Capital Expenses (700's)			$178,115
Others (900's)			$658,344
Subtotal Operations and Maintenance:			**$2,090,567**
EXISTING DEBT SERVICE	**Not Impact Fee Eligible**		
Debt Payment to Water District	58%		$36,888
All other Debt			$165,719
Subtotal Existing Annual Debt Service:			**$202,607**
Renewal and Replacement Fund			$156,349
GRAND TOTAL EXPENSES:			**$3,047,607**
ANNUAL INCOME			
Other Operating Revenues			58,460.89
Interest Income			41,554.41
Connection Fees			36,885.00
Impact Fees			466,361.55
Total Number Of ERU's			3,926
Average Monthly Water User Rate/ERU (Without WCWCD Surcharge)			**$51.89**
WCWCD Surcharge			**$1.75**
Average Monthly Water User Rate/ERU (With WCWCD Surcharge)			**$53.64**
TOTAL ANNUAL INCOME:			**$3,047,607**

IX. WATER RATE ANALYSIS

A. GENERAL

Generally, water rates are a combination of base rates and overage rates wherein a base amount of water is provided for the base rate charge. The base rate is charged to all connections in the system whether or not water is used and should cover all fixed costs of the system. Overage rates are normally set to encourage water conservation but should always cover all variable costs of the system. The City has established the following service fee rate structures shown in Table IX.A-1 and Table IX.A-2:

Table IX.A-1: Existing Culinary Water Rates

Current Overage Rates (Per 1,000 Gallons)		Monthly Base Rate	
		Meter Size	$/month
5001-9000	$ 0.80	5/8" & 3/4"	$ 32.00
9001-16000	$ 1.33	1"	$ 57.60
16001-23000	$ 1.58	1-1/2"	$ 128.00
23001-30000	$ 2.02	2"	$ 224.00
30001-45000	$ 2.46	3"	$ 512.00
45001-60000	$ 3.02	4"	$ 928.00
60001 & UP	$ 3.65	6"	$ 2,048.00

Table IX.A-2: Existing Secondary Water Rates

Current Overage Rates (Per 1,000 Gallons)		Monthly Base Rate	
		Meter Size	$/month
9000-16,000	$ 0.74	All Meters	$ 22.00
16,001-23,000	$ 0.92		
23,000-30,000	$ 1.23		
30,001 & UP	$ 1.46		

B. AVERAGE RATE DETERMINATION FOR FY2024

Culinary Rate

Table IX.B-1 shows a method used to determine the average water rate per ERU which should be divided among all system customers. The table uses data for the year of the new debt service (2024) and uses the existing and new debt service as part of the equation.

Annual revenues must be sufficient to cover the expenses incurred by the construction, maintenance, and administration of the water system. These expenses could include items such as debt service, personnel services, operation & maintenance, insurance, and other supplies & expenses. It is strongly recommended that the District maintain a funded depreciation account or

a replacement fund to provide the money necessary for replacement and repair of water department facilities and pipelines.

Based on the calculations shown in Table VIII.C-1, the average water rate per residential connection (1 ERU) for any newly adopted rate structure for the year 2024 would need to be approximately $51.89. It should be noted that this assumes that the system has grown to 3,926 ERUs and that the district has chosen to pursue construction of the proposed improvements. It is estimated that this rate would allow the City to pay the debt and operations costs associated with the culinary water system. The existing average monthly user rate revenue per residential connection in 2021 was calculated to be $41.45 and determined to be insufficient to meet the $51.89 per ERU that was calculated. A rate increase of $10.44 is estimated to be needed to cover the anticipated expenses; however, rates should be looked at annually as expenses increase in a typical year.

Table IX.B-1: Culinary Fixed Rate Analysis

FIXED RATE ANALYSIS			
Estimated FY 2024 Expenses	**Fixed**	**Variable**	**Total**
Salaries, Wages, & Benefits (100's)	$ 461,682	$ 197,864	$ 659,545
Materials & Supplies (200's)	$ 310,867	$ 133,229	$ 444,095
Professional & Technical Services (300's)	$ 36,104	$ 15,473	$ 51,577
Special Dept. Materials & Supplies (400's)	$ 49,337	$ 21,144	$ 70,481
Other Charges (500's)	$ 19,888	$ 8,523	$ 28,411
Capital Expenses (700's)	$ 124,680	$ 53,434	$ 178,115
Others (900's)	$ 460,841	$ 197,503	$ 658,344
EXISTING DEBT SERVICE	$ -		
Debt Payment to Water District	$ 36,888	$ -	$36,888
All other Debt	$ 165,719	$ -	$165,719
NEW DEBT SERVICE	$ -		
Division of Water Resources	$ -	$ -	$ -
Revenue Bond Reserves 10%	$ -	$ -	$ -
PROPOSED PROJECT EXPENSES	$ -		
Average Project Expense	$ 478,467	$ 119,617	$ 598,084
Renewal and Replacement Fund	$ -	$ 156,349	$ 156,349
Estimated FY 2024 Revenue (Excluding User Fees)			
Other Operating Revenues	$ 40,923	$ 17,538	$ 58,461
Connection Fees	$ 9,221	$ 27,664	$ 36,885
Impact Fees	$ 116,590	$ 349,771	$ 466,362
Interest Income	$ 10,326	$ 30,979	$ 41,305
Total Expenses:	$ 2,144,471	$ 903,136	**$ 3,047,607**
Total Revenue:	$ 177,060	$ 425,952	**$ 603,012**
Total Projected System ERUs in FY2024	3,926		3,926
Monthly Cost/ERU in FY2024	$41.77	$10.13	**$51.89**

Secondary Rate

A similar method to determine culinary water rates was used for secondary. However, all the proposed projects for the irrigation system have been included as culinary projects because they minimize future culinary outdoor usage. Because of this, the only costs incorporated in the secondary system rate determination is an anticipated cost of $50,000 for maintaining and operating the system. This value was assumed based on comparison of the city culinary system expenses and size in relation to the irrigation system size. Because the usage between residential and "other" connections is so different in the secondary system, rates were also determined based on connection type rather than ERUs. This is shown in Table IX.B-2 below.

Table IX.B-2: Secondary Fixed Rate Analysis

FIXED RATE ANALYSIS			
Estimated Annual Expenses FY 2023/24	**Fixed**	**Variable**	**Total**
Operating Expenses	$ 40,000	$ 10,000	$50,000
Project Cost	$ -	$ -	$ -
Renewal and Replacement Fund	$ -	$ 2,500	$2,500
Total Expenses:	$ 40,000	$ 12,500	**$ 52,500**
Estimated Annual Revenue FY 2023/24			
Residential Connections			54
"Other" Connections			8
Monthly Cost/Res Connection	$17.15	$5.36	**$22.51**
Monthly Cost/"Other" Connection	$300.93	$94.04	**$394.97**

C. BASE AND OVERAGE RATE DETERMINATION

This study includes separating the average user rate into base and overage rates and investigates possible rate structures that would promote conservation and work hand-in-hand with drought management policies. In order to determine a base and overage schedule, the projected expenses of the water system for 2024 have been separated into fixed and variable expenses (Table IX.B-1). It is recommended that the base rate should cover the fixed expenses of the system. Tables IX.B-1 and XI.B-2 suggest possible scenarios for determining base and overage rates for the City. Fixed costs are covered by the base rate and variable costs are covered by the overage rates. This rate scenario simply identifies base and overage rates that should satisfy the revenue requirements based on estimated operation and maintenance (O&M) expenses and on projected water usage. The city is able to set the rate structure to any amount it deems to be fair. However, the rates should be such that the system remains financially viable. The City may decide to lower the base rate and increase variable costs in order to promote further conservation.

The City should have a rate schedule that will result in revenues that will provide the necessary culinary water system improvements as recommended in this Plan and maintain the current level of O&M. The base and overage rates should be examined each year to ensure that enough revenue is being generated to cover the expenses.

D. POSSIBLE RATE STRUCTURE

Culinary Rate Structure

Table IX.D-1 illustrates a possible rate structure based on the base and overage rates suggested in Section C and city council preference. This rate structure is designed to have an average bill of $51.89+ per ERU each month. The average bill was determined using the average monthly water use of approximately 14,700 gallons which is based on the historical average usage of 483 gpd. The way to confirm that the average rate produced will cover annual expenses is to implement the structure and evaluate the results after a full year of use.

Calculations based on the City's financial data show that the proposed rate structures should provide an average rate revenue sufficient to sustain the system. It is recommended that, if in a given year there are excess funds generated by the existing rate, these funds be saved in an interest bearing Renewal and Replacement account for expenditures on future projects.

Table IX.D-1: Possible Culinary Rate Structure with no Water Included

Proposed Overage Rates (Per 1,000 Gallons)		Monthly Base Rate		Average Rate Based on Usage
		Meter Size	$/month	
0000-9000	$ 0.80	5/8" & 3/4"	$ 37.25	$ 52.03
9001-16000	$ 1.33	1"	$ 62.85	$ 184.25
16001-23000	$ 1.58	1-1/2"	$ 133.25	$ 254.65
23001-30000	$ 2.02	2"	$ 229.25	$ 402.90
30001-36000	$ 2.46	3"	$ 517.25	$ 690.90
36001-& UP	$ 3.02	4"	$ 933.25	$ 1,106.90

Secondary Rate Structure

Tables IX.D-2 illustrates a possible rate structure based on the base and overage rates suggested in Section C and city council preference. The overage rate structures are stepped to promote conservation by charging a higher amount for excessive water usage. The structure has also been split by meter size. This was done to better monitor high users (classified as "other" ERUs) because one residential ERU is equivalent to 17.55 "other" ERUs and it is predicted that they will contribute to more than half of the ERUs, but only 10 actual meters by 2033. Because of this, the current average of $313.52/month per "other" connection is not sufficient and will need to be increased to $394.97/month.

Table IX.D-2: Possible Secondary Rate Structure

Meter Size	Base Rate	Tiered Rate above Base (per 1,000 gal)	Gallon Range for Tiered Rate	Max Rate Per Range	Avergae Rate Based on Usage
3/4"-1"	$ 20.00	$ 0.25	0 to 5000	$ 21.25	$ 24.43
		$ 0.50	5000 to 10000	$ 23.75	
		$ 0.75	10001 to 15000	$ 27.50	
		$ 1.00	15001 to 20000	$ 32.50	
		$ 1.25	20001 & UP	$ 32.50 +	
1 1/2"	$ 20.00	$ 0.30	0 to 5000	$ 21.50	$ 309.00
		$ 0.40	5000 to 10000	$ 23.50	
		$ 0.50	10001 to 15000	$ 26.00	
		$ 0.60	15001 to 20000	$ 29.00	
		$ 0.70	20001 & UP	$ 29.00 +	
2"	$ 22.00	$ 0.30	0 to 10000	$ 25.00	$ 368.70
		$ 0.40	10001 to 15000	$ 27.00	
		$ 0.50	15001 to 20000	$ 29.50	
		$ 0.60	20001 to 30000	$ 35.50	
		$ 0.70	30001 & UP	$ 35.50 +	
3"	$ 50.00	$ 0.30	0 to 10000	$ 53.00	$ 396.70
		$ 0.40	10001 to 15000	$ 55.00	
		$ 0.50	15001 to 20000	$ 57.50	
		$ 0.60	20001 to 30000	$ 63.50	
		$ 0.70	30001 & UP	$ 63.50 +	
4"	$ 100.00	$ 0.30	0 to 10000	$ 103.00	$ 444.60
		$ 0.40	10001 to 15000	$ 105.00	
		$ 0.50	15001 to 20000	$ 107.50	
		$ 0.60	20001 to 30000	$ 113.50	
		$ 0.70	30001 & UP	$ 113.50 +	

Calculations based on the City's financial data show that the proposed rate structures should provide an average rate revenue sufficient to sustain the system. It is recommended that, if in a given year there are excess funds generated by the existing rate, these funds be saved in an interest bearing Renewal and Replacement account for expenditures on future projects.

E. POSSIBLE DROUGHT RATE STRUCTURES

Culinary Drought Rate Structure

WCWCD has implemented a drought contingency plan consisting of 5 stages: Conserve, Caution, Concern, Crisis, and Catastrophic. Each of these stages represent increasing degrees of drought severity and identify how a city should act in each stage. For example, in the "Catastrophic" Stage all outdoor water usage should be halted, and indoor usage should be reduced by 30%. The "Conserve" stage is assumed to be the current Santa Clara stage and the proposed rate structure represents these efforts. Should the other 4 stages ever be implemented in the city the following rate structures are recommended. This will ensure the city still receives the necessary funds to maintain and operate the system even with the reduction in water usage.

Table IX.E-1: Possible Culinary Drought Rate Structure- Caution Stage

Proposed Overage Rates (Per 1,000 Gallons)		Monthly Base Rate		Average Rate Based on Usage
		Meter Size	$/month	
0000-9000	$ 1.00	5/8" & 3/4"	$ 37.25	$ 52.06
9001-16000	$ 1.53	1"	$ 62.85	$ 172.24
16001-23000	$ 1.78	1-1/2"	$ 133.25	$ 242.64
23001-30000	$ 2.22	2"	$ 229.25	$ 387.59
30001-36000	$ 2.66	3"	$ 517.25	$ 675.59
36001-& UP	$ 3.22	4"	$ 933.25	$ 1,091.59

Table IX.E-2: Possible Culinary Drought Rate Structure- Concern Stage

Proposed Overage Rates (Per 1,000 Gallons)		Monthly Base Rate		Average Rate Based on Usage
		Meter Size	$/month	
0000-9000	$ 1.32	5/8" & 3/4"	$ 37.25	$ 51.91
9001-16000	$ 1.85	1"	$ 62.85	$ 155.39
16001-23000	$ 2.10	1-1/2"	$ 133.25	$ 225.79
23001-30000	$ 2.54	2"	$ 229.25	$ 365.33
30001-36000	$ 2.98	3"	$ 517.25	$ 653.33
36001-& UP	$ 3.54	4"	$ 933.25	$ 1,069.33

Table IX.E-3: Possible Culinary Drought Rate Structure- Crisis Stage

Proposed Overage Rates (Per 1,000 Gallons)		Monthly Base Rate		Average Rate Based on Usage
		Meter Size	$/month	
0000-9000	$ 2.55	5/8" & 3/4"	$ 37.25	$ 52.04
9001-16000	$ 3.08	1"	$ 62.85	$ 122.68
16001-23000	$ 3.33	1-1/2"	$ 133.25	$ 193.08
23001-30000	$ 3.77	2"	$ 229.25	$ 311.77
30001-36000	$ 4.21	3"	$ 517.25	$ 599.77
36001-& UP	$ 4.77	4"	$ 933.25	$ 1,015.77

Table IX.E-4: Possible Culinary Drought Rate Structure- Catastrophic Stage

Proposed Overage Rates (Per 1,000 Gallons)		Monthly Base Rate		Average Rate Based on Usage
		Meter Size	$/month	
0000-9000	$ 3.85	5/8" & 3/4"	$ 37.25	$ 51.89
9001-16000	$ 4.38	1"	$ 62.85	$ 123.37
16001-23000	$ 4.63	1-1/2"	$ 133.25	$ 193.77
23001-30000	$ 5.07	2"	$ 229.25	$ 310.34
30001-36000	$ 5.51	3"	$ 517.25	$ 598.34
36001-& UP	$ 6.07	4"	$ 933.25	$ 1,014.34

Secondary Drought Rate Structure

The secondary rate structures recommended in a drought follow the same stages as the culinary system. The "Conserve" stage is assumed to be the current Santa Clara stage and the proposed rate structure represents these efforts. Should the other 4 stages ever be implemented in the city the following rate structures are recommended. This will ensure the city still receives the necessary funds to maintain and operate the system even with the reduction in water usage.

Table IX.E-5: Possible Secondary Drought Rate Structure- Caution Stage

Meter Size	Base Rate	Tiered Rate above Base (per 1,000 gal)	Gallon Range for Tiered Rate	Max Rate Per Range	Avergae Rate Based on Usage
3/4"-1"	$ 20.00	$ 0.35	0 to 5000	$ 21.75	$ 23.97
		$ 0.60	5000 to 10000	$ 24.75	
		$ 0.85	10001 to 15000	$ 29.00	
		$ 1.10	15001 to 20000	$ 34.50	
		$ 1.35	20001 & UP	$ 34.50 +	
1 1/2"	$ 20.00	$ 0.40	0 to 5000	$ 22.00	$ 283.80
		$ 0.50	5000 to 10000	$ 24.50	
		$ 0.60	10001 to 15000	$ 27.50	
		$ 0.70	15001 to 20000	$ 31.00	
		$ 0.80	20001 & UP	$ 31.00 +	
2"	$ 22.00	$ 0.40	0 to 10000	$ 26.00	$ 338.34
		$ 0.50	10001 to 15000	$ 28.50	
		$ 0.60	15001 to 20000	$ 31.50	
		$ 0.70	20001 to 30000	$ 38.50	
		$ 0.80	30001 & UP	$ 38.50 +	
3"	$ 50.00	$ 0.40	0 to 10000	$ 54.00	$ 366.34
		$ 0.50	10001 to 15000	$ 56.50	
		$ 0.60	15001 to 20000	$ 59.50	
		$ 0.70	20001 to 30000	$ 66.50	
		$ 0.80	30001 & UP	$ 66.50 +	
4"	$ 100.00	$ 0.40	0 to 10000	$ 104.00	$ 414.42
		$ 0.50	10001 to 15000	$ 106.50	
		$ 0.60	15001 to 20000	$ 109.50	
		$ 0.70	20001 to 30000	$ 116.50	
		$ 0.80	30001 & UP	$ 116.50 +	

Table IX.E-6: Possible Secondary Drought Rate Structure- Concern Stage

Meter Size	Base Rate	Tiered Rate above Base (per 1,000 gal)	Gallon Range for Tiered Rate	Max Rate Per Range	Avergae Rate Based on Usage
3/4"-1"	$ 20.00	$ 0.50	0 to 5000	$ 22.50	$ 23.63
		$ 0.75	5000 to 10000	$ 26.25	
		$ 1.00	10001 to 15000	$ 31.25	
		$ 1.25	15001 to 20000	$ 37.50	
		$ 1.50	20001 & UP	$ 37.50 +	
1 1/2"	$ 20.00	$ 0.65	0 to 5000	$ 23.25	$ 279.60
		$ 0.75	5000 to 10000	$ 27.00	
		$ 0.85	10001 to 15000	$ 31.25	
		$ 0.95	15001 to 20000	$ 36.00	
		$ 1.05	20001 & UP	$ 36.00 +	
2"	$ 22.00	$ 0.65	0 to 10000	$ 28.50	$ 333.28
		$ 0.75	10001 to 15000	$ 32.25	
		$ 0.85	15001 to 20000	$ 36.50	
		$ 0.95	20001 to 30000	$ 46.00	
		$ 1.05	30001 & UP	$ 46.00 +	
3"	$ 50.00	$ 0.65	0 to 10000	$ 56.50	$ 361.28
		$ 0.75	10001 to 15000	$ 60.25	
		$ 0.85	15001 to 20000	$ 64.50	
		$ 0.95	20001 to 30000	$ 74.00	
		$ 1.05	30001 & UP	$ 74.00 +	
4"	$ 100.00	$ 0.65	0 to 10000	$ 106.50	$ 409.39
		$ 0.75	10001 to 15000	$ 110.25	
		$ 0.85	15001 to 20000	$ 114.50	
		$ 0.95	20001 to 30000	$ 124.00	
		$ 1.05	30001 & UP	$ 124.00 +	

Table IX.E-7: Possible Secondary Drought Rate Structure- Crisis Stage

Meter Size	Base Rate	Tiered Rate above Base (per 1,000 gal)	Gallon Range for Tiered Rate	Max Rate Per Range	Avergae Rate Based on Usage
3/4"-1"	$ 20.00	$ 2.50	0 to 5000	$ 32.50	$ 22.75
		$ 2.75	5000 to 10000	$ 46.25	
		$ 3.00	10001 to 15000	$ 61.25	
		$ 3.25	15001 to 20000	$ 77.50	
		$ 3.50	20001 & UP	$ 77.50 +	
1 1/2"	$ 20.00	$ 5.00	0 to 5000	$ 45.00	$ 289.00
		$ 5.50	5000 to 10000	$ 72.50	
		$ 6.00	10001 to 15000	$ 102.50	
		$ 6.50	15001 to 20000	$ 135.00	
		$ 7.00	20001 & UP	$ 135.00 +	
2"	$ 22.00	$ 5.00	0 to 10000	$ 72.00	$ 338.70
		$ 5.50	10001 to 15000	$ 99.50	
		$ 6.00	15001 to 20000	$ 129.50	
		$ 6.50	20001 to 30000	$ 194.50	
		$ 7.00	30001 & UP	$ 194.50 +	
3"	$ 50.00	$ 5.00	0 to 10000	$ 100.00	$ 366.70
		$ 5.50	10001 to 15000	$ 127.50	
		$ 6.00	15001 to 20000	$ 157.50	
		$ 6.50	20001 to 30000	$ 222.50	
		$ 7.00	30001 & UP	$ 222.50 +	
4"	$ 100.00	$ 5.00	0 to 10000	$ 150.00	$ 414.60
		$ 5.50	10001 to 15000	$ 177.50	
		$ 6.00	15001 to 20000	$ 207.50	
		$ 6.50	20001 to 30000	$ 272.50	
		$ 7.00	30001 & UP	$ 272.50 +	

Table IX.E-8: Possible Secondary Drought Rate Structure- Catastrophic Stage

Meter Size	Base Rate	Tiered Rate above Base (per 1,000 gal)	Gallon Range for Tiered Rate	Max Rate Per Range	Avergae Rate Based on Usage
3/4"-1"	$ 22.50	$ 2.50	0 to 5000	$ 35.00	$ 22.50
		$ 2.75	5000 to 10000	$ 48.75	
		$ 3.00	10001 to 15000	$ 63.75	
		$ 3.25	15001 to 20000	$ 80.00	
		$ 3.50	20001 & UP	$ 80.00 +	
1 1/2"	$ 200.00	$ 5.00	0 to 5000	$ 225.00	$ 200.00
		$ 5.50	5000 to 10000	$ 252.50	
		$ 6.00	10001 to 15000	$ 282.50	
		$ 6.50	15001 to 20000	$ 315.00	
		$ 7.00	20001 & UP	$ 315.00 +	
2"	$ 250.00	$ 5.00	0 to 10000	$ 300.00	$ 250.00
		$ 5.50	10001 to 15000	$ 327.50	
		$ 6.00	15001 to 20000	$ 357.50	
		$ 6.50	20001 to 30000	$ 422.50	
		$ 7.00	30001 & UP	$ 422.50 +	
3"	$ 400.00	$ 5.00	0 to 10000	$ 450.00	$ 400.00
		$ 5.50	10001 to 15000	$ 477.50	
		$ 6.00	15001 to 20000	$ 507.50	
		$ 6.50	20001 to 30000	$ 572.50	
		$ 7.00	30001 & UP	$ 572.50 +	
4"	$ 500.00	$ 5.00	0 to 10000	$ 550.00	$ 500.00
		$ 5.50	10001 to 15000	$ 577.50	
		$ 6.00	15001 to 20000	$ 607.50	
		$ 6.50	20001 to 30000	$ 672.50	
		$ 7.00	30001 & UP	$ 672.50 +	

The drought rate structures only change the overage rates from the proposed rate structure with the exception of the Secondary "Catastrophic" stage. This stage completely eliminates any outdoor usage, so changing overage rates would be ineffective and so Base rates were updated to ensure necessary funds can still be obtained.

F. SUMMARY

Based on the District's financial data and the information presented in this Plan, the existing rates have been determined to be insufficient to meet the $51.89 per culinary ERU and $394.97 per secondary "other" connection that is needed per the Financing Plan. A rate increase of $10.44 and $81.45, respectively, is estimated to be needed to cover the anticipated expenses. Water rates and fees should be reviewed by the City periodically to ensure that they keep up with inflation rates and increased costs in system maintenance. The Cash Flow Projection included in Appendix E assumes a yearly rate increase of 1.25% based on inflation.

The City does not have to adopt the amounts shown in the rate analysis. However, the rates suggested are calculated to be enough to ensure that the water fund remains viable while paying for the existing debt service and the projected debt based on the recommendations in this plan.

X. IMPACT FEES

A. IMPACT FEE

This report constitutes a capital fee facilities plan to determine the public facilities requirement to serve development resulting from new development activity. An impact fee that is charged by a community may be used to pay for the debt service associated with surplus capacity built into the system. The surplus capacity in the water system has been designed for growth, and for this reason, impact fees should pay for that portion of the debt service associated with the system surplus capacity. The impact fee should also be used to pay for the cost of improvements to the system that are required to support new growth as new connections are added to the system.

B. CALCULATION

The total cost that is eligible for the impact fee assessment is equal to the existing debt service from previous water improvements projects that can be attributed to new growth plus the portion of any planned water improvements project that will be constructed to accommodate new growth. The combined total cost that is due to new growth is divided by the projected number of new ERUs that will be added to the system within the service area.

Currently the system meets all requirements and community demands for a culinary system except for the Water Right recommendations which are needed regardless of new growth. This means that all other improvements are recommended to benefit new growth and are therefore 100% impact fee eligible. The impact fee calculation can be found in Table X.B-1.

TABLE X.B-1

IMPACT FEE ANALYSIS FY2023/2024

WATER MASTER PLAN

SANTA CLARA CITY

27-Mar-23

EXISTING DEBT SERVICE		P&I	% Eligible	% Water Dept.		Eligible
Debt Payment to Water District	$	1,272,000	58%		$	737,760
All other Debt	$	5,714,440	58%		$	3,314,375
Existing/Past Projects Impact Fee Eligible Costs:					**$**	**4,052,135**

PROPOSED IMPROVEMENT PROJECTS

		Total Cost	% Eligible		Impact Fee Eligible
Culinary: Water Right Recommendations	$	18,000	0%	$	-
Culinary: North Hamblin Pkwy to North Town Rd 1	$	292,400	100%		$292,400
Culinary: 10" to 12" PRV Enlargement	$	208,550	100%		$208,550
Culinary: 12" Line Well Connection to Snow Cany	$	4,170,000	100%		$4,170,000
Culinary: New Well	$	2,114,350	100%		$2,114,350
Irrigation: Riesling Avenue 8" Line	$	136,140	100%		$136,140
Irrigation: Crestview Drive 8" Line	$	505,230	100%		$505,230
Irrigation: Villa Bonita 8" Line	$	99,900	100%		$99,900
Irrigation: North Town Road 8" Line	$	579,665	100%		$579,665
Irrigation: Sycamore Drive 8" Line	$	124,470	100%		$124,470
Irrigation: Claude Drive 8" Line	$	124,470	100%		$124,470
Total Estimated New Project Cost	$	8,373,175	99.8%	$	8,355,175
% Of New Projects Cost Due to New Growth				$	8,355,175
Impact Fee Eligible Cost				$	8,355,175
No. of ERUs (2023/2024)					3,775
20-Year Projected ERUs					7,953
No. of New ERUs Due to Growth					4,178
Total Impact Fee Eligible Cost				$	12,407,310

Maximum Culinary Water Impact Fee = Total Eligible Cost / New ERU's $ 2,969.72 /ERU.

Proposed Culinary Water Impact Fee for Santa Clara (2023/2024) = **$ 2,970** /ERU.

WCWCD Impact Fee (2023) $ 8,417 /ERU.

Total Potential Culinary Water Impact Fee (2023) **$ 11,387** /ERU.

Meter Size	X-Sectional Area (in^2)	% Area Increase	Impact Fee
3/4"	0.44	0%	$ 2,970
1"	0.79	80%	$ 5,333
1 1/2"	1.77	302%	$ 11,948
2"	3.14	614%	$ 21,195
3"	7.07	1507%	$ 47,723
4"	12.57	2757%	$ 84,848
6"	28.27	6325%	$ 190,823

P:\Santa Clara City\08401 Water & Irrigation IFFPA & IFA\06 Design\[Financial- Culinary.xlsx]Impact Fee

Table X.B-1 shows that the maximum impact fee that the City may assess each new ERU is $2,970. The current fee is $1,973, resulting in a potential increase of $997.

New Connections will also pay an additional WCWCD fee, currently $8,417 for a total of $11,387.

The City is free to charge less than the maximum if it decides to do so but should ensure that collected impact fees are sufficient to cover future culinary water system impacts due to growth.

It is important to note that these impact fees are for the improvements suggested in Section VII and do not provide for the district to design and build anything beyond the proposed projects.

All new additions to the system will need to be considered in the impact fee calculations. Otherwise, the developer should be required to make the improvements.

C. IMPACT FEE CERTIFICATION

The Impact Fee Certification is included as Appendix F.

D. IMPACT FEE RELATED ITEMS

There are a few items related to Impact Fees that City council should keep in mind when planning for, collecting, and expending Impact Fees.

Generally, it is a good idea to update this plan at least every five years, or more frequently if occasion arises.

Council members should be made aware that, in conformance with Utah Code 11-36a-602, Impact Fees can generally only be expended for a system improvement that is identified in the Impact Fee Facilities Plan and that is for the specific public facility type for which the fee was collected (i.e. transportation impact fees cannot be used for water or sewer projects). Also, Impact Fees in Utah must be expended or encumbered for a permissible use within six years of their receipt unless 11-36a-602(2)(b) applies.

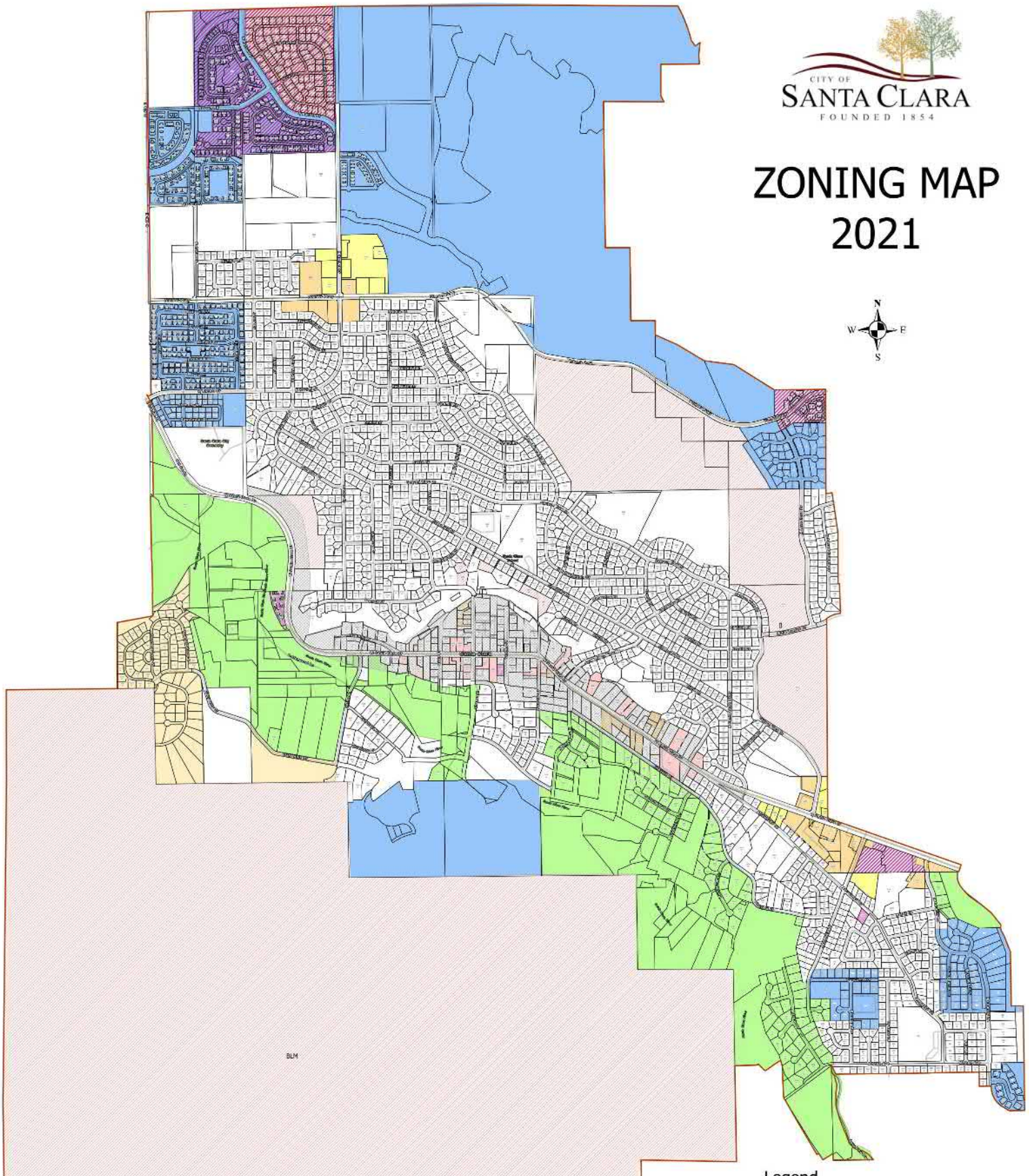
City Council members should also ensure that proper accounting of the Impact Fees occurs (track each fee in and out). See Utah Code 11-36a-601.

APPENDIX A

MAPS

CITY OF SANTA CLARA
FOUNDED 1854

ZONING MAP 2021



Legend

- Parcels
- Open Space
- Commercial
- Historical District Overlay Zone
- Multi Family - Residential
- Mixed Use
- Planned Development Commercial
- Planned Development Residential
- Short Term Rentals
- Residential - Agricultural
- Residential - Single Family
- Mixed Lot Size
- Municipal Boundary

EXISTING SANTA CLARA WATER SYSTEM

MAP LEGEND

NORTH

0 1,250 2,500

1 In = 1,900 Feet

Water Mains

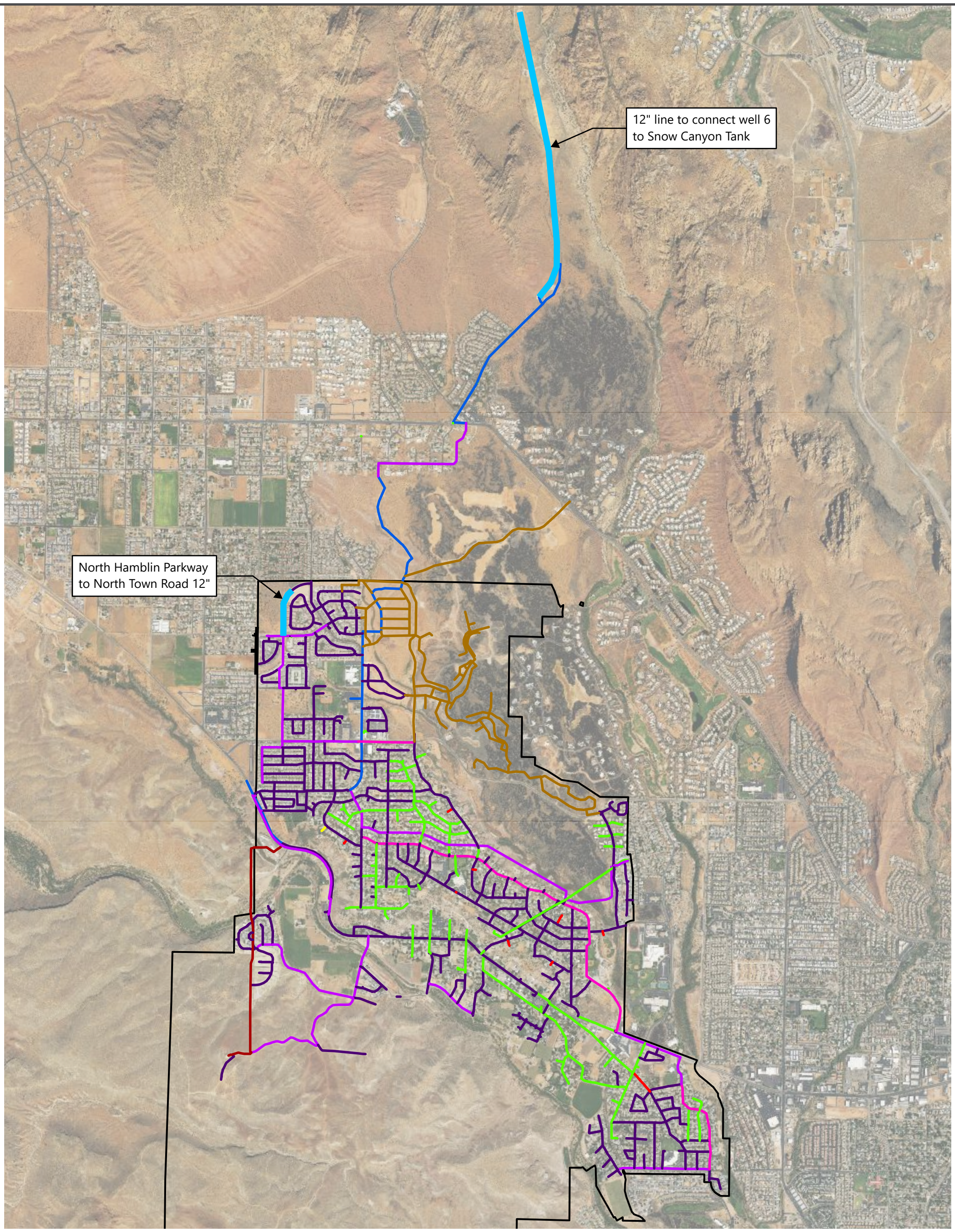
- 2"
- 4"
- 6"
- 8"
- 10"
- 12"
- 16"
- 20"
- Unknown
- City Boundary

CITY OF SANTA CLARA FOUNDED 1854

SUNRISE ENGINEERING

Map Date: 12/14/2022

PROPOSED FUTURE PROJECTS



MAP LEGEND

0 1,250 2,500

1 In = 2,250 Feet

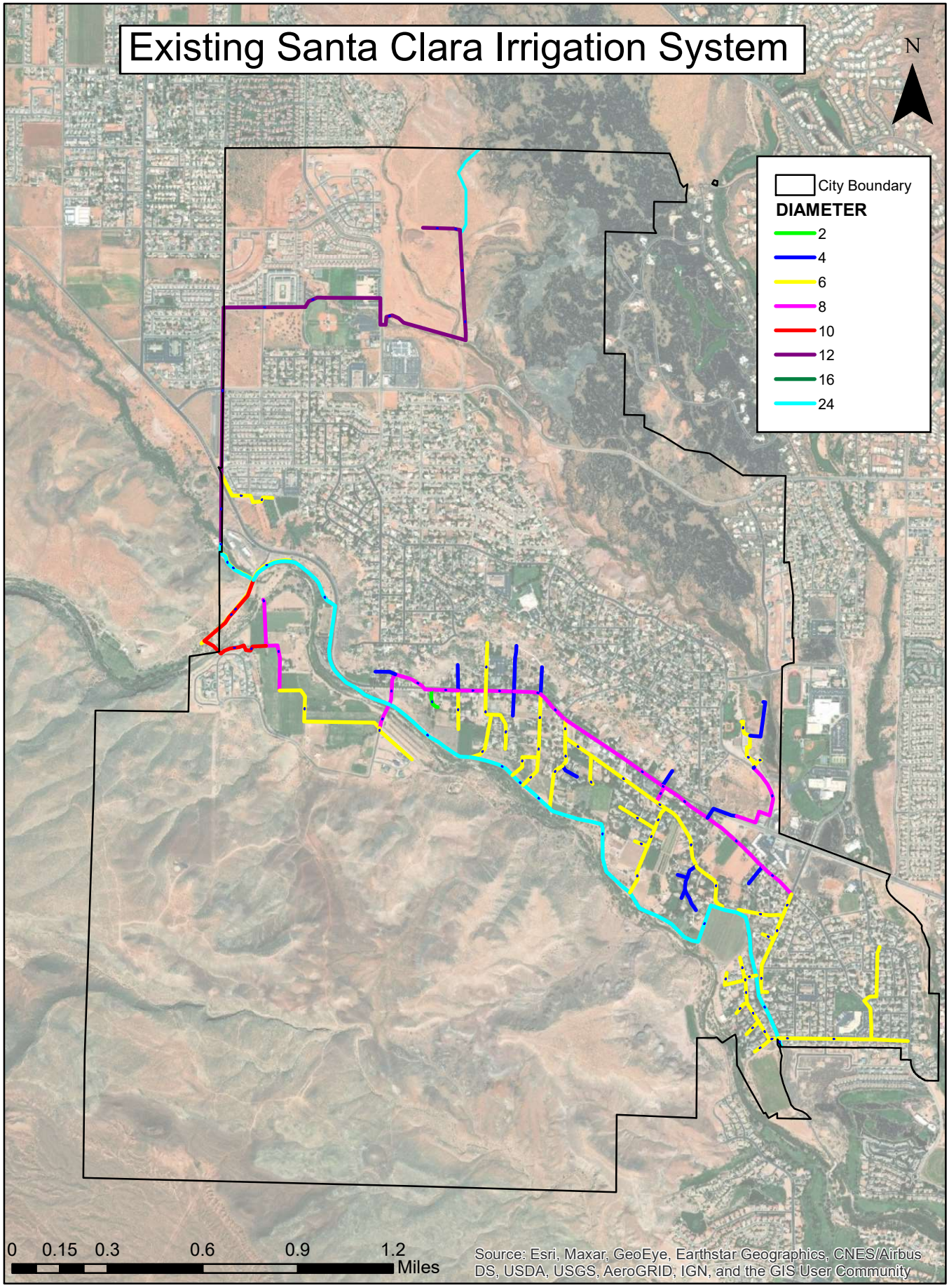
Water Mains

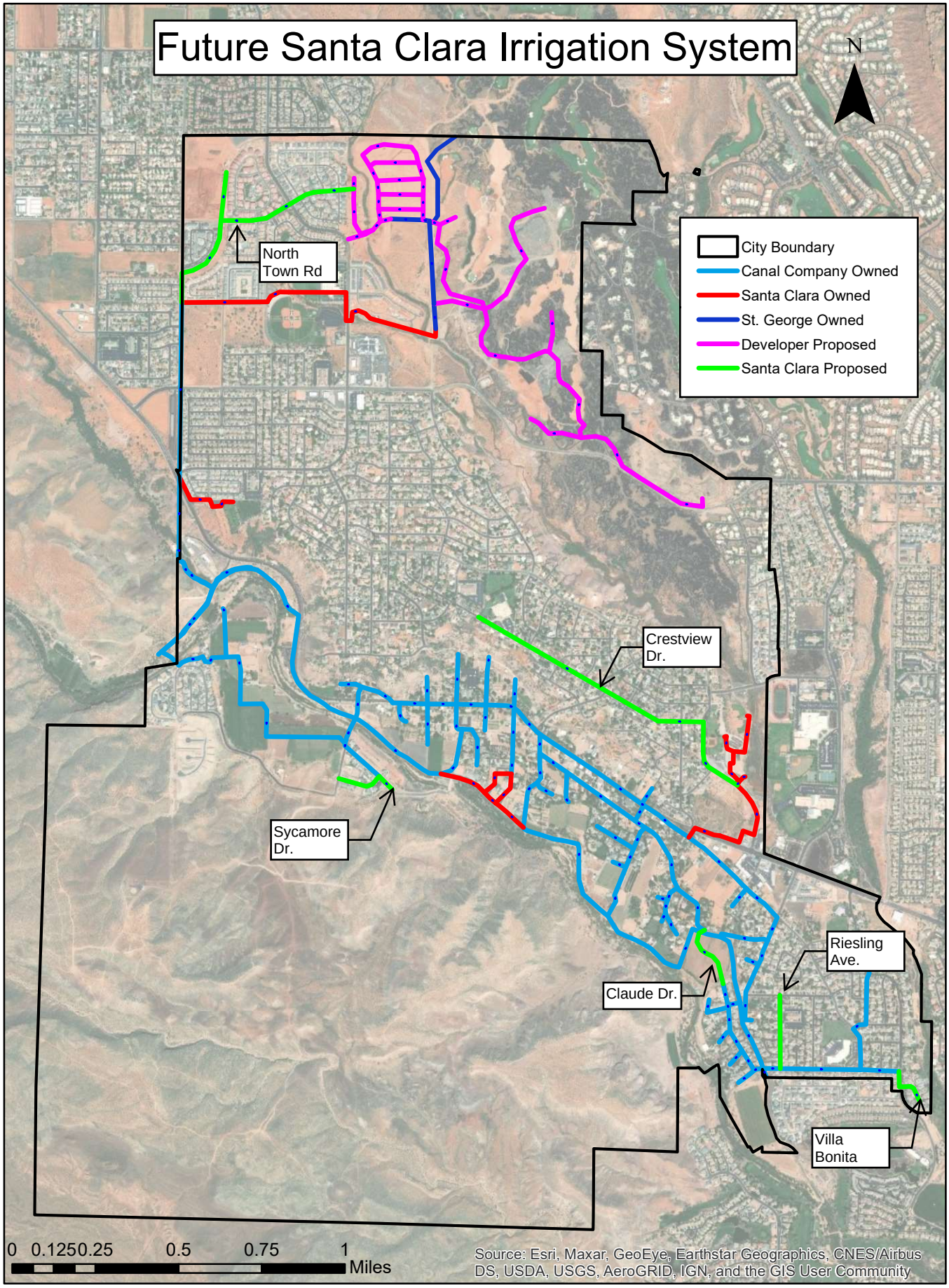
- 2"
- 4"
- 6"
- 8"
- 10"
- 12"
- 16"
- 20"
- Unknown
- Proposed Future Projects
- Developer Proposed
- City Boundary

Map Date: 3/8/2023

CITY OF SANTA CLARA FOUNDED 1854

SUNRISE ENGINEERING


Existing Santa Clara Irrigation System
N
City Boundary
DIAMETER
2
4
6
8
10
12
16
24
0 0.15 0.3 0.6 0.9 1.2
Miles
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community


Future Santa Clara Irrigation System
N
City Boundary
Canal Company Owned
Santa Clara Owned
St. George Owned
Developer Proposed
Santa Clara Proposed
North Town Rd
Crestview Dr.
Sycamore Dr.
Riesling Ave.
Claude Dr.
Villa Bonita
0 0.1250.25 0.5 0.75 1
Miles
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

APPENDIX B

INFOWATER ® ANALYSIS

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J-100FH	4.11	2,876.00	3,041.25	71.60
2	☐	J-101	4.11	2,865.00	3,094.67	99.51
3	☐	J-102FH	4.11	2,868.00	3,094.80	98.27
4	☐	J-103FH	4.11	2,871.00	3,094.85	96.99
5	☐	J-104	4.11	2,839.00	3,041.71	87.83
6	☐	J-105FH	4.11	2,875.00	3,094.90	95.28
7	☐	J-106FH	4.11	2,877.00	3,094.70	94.33
8	☐	J-107FH	4.11	2,936.00	3,096.14	69.39
9	☐	J-108	4.11	2,876.00	3,094.80	94.81
10	☐	J-109FH	4.11	2,875.00	3,094.85	95.26
11	☐	J-10FH	4.11	2,741.00	2,934.30	83.76
12	☐	J-110	4.11	2,879.00	3,094.90	93.55
13	☐	J-111	4.11	2,899.50	3,094.99	84.70
14	☐	J-112	4.11	2,879.00	3,094.99	93.59
15	☐	J-113	4.11	2,885.00	3,095.22	91.09
16	☐	J-114FH	4.11	2,885.50	3,095.01	90.78
17	☐	J-115	4.11	2,885.00	3,095.01	91.00
18	☐	J-116FH	4.11	2,881.00	3,095.68	93.02
19	☐	J-117	4.11	2,897.00	3,095.04	85.81
20	☐	J-118FH	4.11	2,891.00	3,095.20	88.48
21	☐	J-119FH	4.11	2,889.00	3,095.36	89.42
22	☐	J-11FH	4.11	2,740.00	2,934.20	84.15
23	☐	J-12	4.11	2,766.00	2,934.51	73.02
24	☐	J-120	4.11	2,887.00	3,095.56	90.37
25	☐	J-1208	4.11	2,822.00	3,043.12	95.81
26	☐	J-121	4.11	2,878.00	3,095.88	94.41
27	☐	J-1210	3.54	2,760.00	3,212.46	196.05
28	☐	J-122FH	4.11	2,880.00	3,095.98	93.58
29	☐	J-123	4.11	2,870.00	3,095.88	97.87
30	☐	J-124	4.11	2,892.00	3,095.59	88.22
31	☐	J-125	4.11	2,892.00	3,095.59	88.22
32	☐	J-1254	3.54	3,000.00	3,166.00	71.93
33	☐	J-1268	3.54	3,200.00	3,298.26	42.57
34	☐	J-1269	3.54	3,200.00	3,300.95	43.74
35	☐	J-126FH	4.11	2,901.00	3,095.70	84.37
36	☐	J-127	4.11	2,901.00	3,095.81	84.41
37	☐	J-1273	4.11	2,823.00	3,212.45	168.75
38	☐	J-128FH	4.11	2,935.00	3,096.14	69.82
39	☐	J-129	4.11	2,899.00	3,095.54	85.16
40	☐	J-13	4.11	2,751.00	3,040.66	125.51
41	☐	J-130	4.11	2,932.00	3,096.14	71.12
42	☐	J-131FH	4.11	2,901.00	3,095.36	84.22
43	☐	J-132FH	4.11	2,925.00	3,096.13	74.15
44	☐	J-133FH	4.11	2,903.00	3,095.17	83.27
45	☐	J-134FH	4.11	2,927.00	3,096.13	73.29
46	☐	J-135	4.11	2,905.00	3,095.06	82.35
47	☐	J-136FH	4.11	2,910.00	3,094.96	80.15
48	☐	J-137	4.11	2,901.00	3,094.96	84.04
49	☐	J-138FH	4.11	2,902.00	3,094.96	83.61
50	☐	J-139FH	4.11	2,877.00	3,094.97	94.44

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
51		J-140	4.11	2,885.00	3,094.85	90.93
52		J-141FH	4.11	2,900.00	3,094.85	84.43
53		J-142	4.11	2,885.00	3,094.85	90.93
54		J-143FH	4.11	2,890.00	3,094.80	88.74
55		J-144FH	4.11	2,897.00	3,094.68	85.65
56		J-145FH	4.11	2,889.00	3,094.68	89.12
57		J-146	4.11	2,888.00	3,094.67	89.55
58		J-147FH	4.11	2,891.00	3,094.66	88.25
59		J-148	4.11	2,908.00	3,094.81	80.94
60		J-149FH	4.11	2,905.00	3,094.67	82.18
61		J-14FH	4.11	2,750.00	2,935.00	80.16
62		J-150	4.11	2,909.00	3,094.67	80.45
63		J-151FH	4.11	2,893.00	3,094.67	87.38
64		J-152	4.11	2,874.00	3,041.24	72.46
65		J-153FH	4.11	2,892.50	3,094.61	87.58
66		J-154	4.11	2,892.00	3,094.61	87.79
67		J-155	4.11	2,894.00	3,094.59	86.91
68		J-156FH	4.11	2,894.00	3,094.59	86.91
69		J-157	4.11	2,870.00	3,094.54	97.29
70		J-158FH	4.11	2,900.00	3,094.59	84.31
71		J-159	4.11	2,896.00	3,094.58	86.04
72		J-15FH	4.11	2,753.00	2,934.99	78.86
73		J-160FH	4.11	2,903.50	3,094.59	82.80
74		J-161FH	4.11	2,897.00	3,094.57	85.61
75		J-162FH	4.11	2,880.00	3,094.50	92.94
76		J-163	4.11	2,885.00	3,094.43	90.75
77		J-164FH	4.11	2,910.00	3,094.66	80.01
78		J-165FH	4.11	2,915.00	3,094.63	77.83
79		J-166	4.11	2,915.00	3,094.62	77.83
80		J-167FH	4.11	2,909.00	3,094.82	80.51
81		J-168FH	4.11	2,917.00	3,094.83	77.05
82		J-169FH	4.11	2,921.00	3,096.13	75.88
83		J-16FH	4.11	2,640.00	2,935.32	127.96
84		J-170FH	4.11	2,917.00	3,095.68	77.42
85		J-171	4.11	2,916.00	3,094.62	77.39
86		J-172	4.11	2,909.00	3,094.82	80.51
87		J-173FH	4.11	2,920.00	3,094.34	75.54
88		J-174	4.11	2,921.00	3,094.34	75.11
89		J-175FH	4.11	2,915.00	3,093.78	77.46
90		J-176	4.11	2,915.00	3,093.78	77.46
91		J-177FH	4.11	2,929.00	3,094.93	71.90
92		J-178	4.11	2,920.00	3,094.92	75.79
93		J-179	4.11	2,920.00	3,094.95	75.81
94		J-17FH	4.11	2,638.00	2,935.31	128.82
95		J-18	4.11	2,637.00	2,935.31	129.26
96		J-180	4.11	2,933.00	3,094.87	70.14
97		J-181	4.11	2,915.00	3,094.63	77.83
98		J-182	4.11	2,915.00	3,094.44	77.75
99		J-183FH	4.11	2,915.00	3,094.44	77.75
100		J-184FH	4.11	2,915.00	3,092.99	77.12

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
101	☐	J-185	4.11	2,920.00	3,093.90	75.35
102	☐	J-186FH	4.11	2,910.00	3,094.65	80.01
103	☐	J-187	4.11	2,915.00	3,095.09	78.03
104	☐	J-188	4.11	2,909.00	3,094.32	80.30
105	☐	J-189FH	4.11	2,915.00	3,093.67	77.42
106	☐	J-191	4.11	2,915.00	3,095.12	78.04
107	☐	J-192	4.11	2,910.00	3,095.13	80.22
108	☐	J-193FH	4.11	2,917.00	3,095.12	77.18
109	☐	J-194	4.11	2,917.00	3,094.53	76.93
110	☐	J-195	4.11	2,916.50	3,094.53	77.14
111	☐	J-196	4.11	2,909.00	3,094.48	80.37
112	☐	J-197	4.11	2,908.00	3,094.48	80.80
113	☐	J-198FH	4.11	2,900.00	3,094.44	84.25
114	☐	J-199	4.11	2,902.00	3,094.37	83.35
115	☐	J-19FH	4.11	2,636.00	2,935.31	129.69
116	☐	J-1FH	4.11	2,720.00	2,934.25	92.83
117	☐	J-2	4.11	2,720.00	2,934.25	92.83
118	☐	J-200	4.11	2,895.00	3,094.45	86.42
119	☐	J-201	4.11	2,890.00	3,094.43	88.58
120	☐	J-202	4.11	2,892.00	3,094.42	87.71
121	☐	J-203	4.11	2,883.00	3,094.41	91.61
122	☐	J-204FH	4.11	2,880.00	3,094.43	92.91
123	☐	J-205	4.11	2,885.00	3,094.36	90.72
124	☐	J-206	4.11	2,890.00	3,094.36	88.55
125	☐	J-207	4.11	2,883.00	3,094.36	91.58
126	☐	J-208	4.11	2,939.00	3,094.87	67.54
127	☐	J-209	4.11	2,825.00	3,048.10	96.67
128	☐	J-20FH	4.11	2,745.00	2,936.82	83.12
129	☐	J-21	4.11	2,745.00	2,936.55	83.00
130	☐	J-210	4.11	2,937.00	3,095.80	68.81
131	☐	J-211FH	4.11	2,830.00	3,048.10	94.50
132	☐	J-212FH	4.11	2,824.00	3,048.10	97.10
133	☐	J-213	4.11	2,825.00	3,051.04	97.94
134	☐	J-214FH	4.11	2,835.00	3,051.04	93.61
135	☐	J-215FH	4.11	2,825.00	3,051.04	97.94
136	☐	J-216	4.11	2,830.00	3,054.20	97.15
137	☐	J-217	4.11	2,830.00	3,055.96	97.91
138	☐	J-218FH	4.11	2,838.00	3,054.20	93.68
139	☐	J-219	4.11	2,830.00	3,054.20	97.14
140	☐	J-22	4.11	2,920.00	3,094.71	75.70
141	☐	J-220	4.11	2,924.00	3,094.39	73.83
142	☐	J-221FH	4.11	2,748.00	2,937.13	81.95
143	☐	J-222FH	4.11	2,732.00	2,937.39	89.00
144	☐	J-223	4.11	2,720.00	2,937.12	94.08
145	☐	J-224	4.11	2,750.00	2,937.54	81.26
146	☐	J-225FH	4.11	2,752.00	2,937.69	80.46
147	☐	J-226	4.11	2,740.00	2,937.67	85.65
148	☐	J-227FH	4.11	2,845.00	3,041.24	85.03
149	☐	J-228	4.11	2,755.00	2,937.69	79.16
150	☐	J-229FH	4.11	2,753.00	2,937.91	80.12

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
151		J-23	4.11	2,751.00	3,040.98	125.65
152		J-230	4.11	2,755.00	2,937.91	79.26
153		J-231	4.11	2,750.00	2,937.92	81.43
154		J-232FH	4.11	2,755.00	2,938.15	79.36
155		J-233	4.11	2,750.00	2,937.97	81.45
156		J-234	4.11	2,770.00	2,938.15	72.86
157		J-235FH	4.11	2,765.00	2,938.46	75.16
158		J-236	4.11	2,768.00	2,938.46	73.86
159		J-237	4.11	2,765.00	2,938.46	75.16
160		J-238	4.11	2,778.00	2,938.72	69.64
161		J-24	4.11	2,800.00	3,041.04	104.44
162		J-240	4.11	2,778.00	2,938.76	69.66
163		J-241	4.11	2,780.00	2,938.64	68.74
164		J-242	4.11	2,760.00	2,939.48	77.77
165		J-243	4.11	2,924.00	3,094.65	73.94
166		J-244	4.11	2,770.00	2,939.48	73.44
167		J-245	4.11	2,770.00	2,939.48	73.44
168		J-246	4.11	2,878.00	3,041.24	70.73
169		J-247FH	4.11	2,857.50	3,041.24	79.62
170		J-248	4.11	2,920.00	3,093.41	75.14
171		J-249	4.11	2,920.00	3,093.25	75.07
172		J-250FH	4.11	2,750.00	2,937.97	81.45
173		J-251	4.11	2,750.00	2,937.95	81.44
174		J-252	4.11	2,750.00	2,937.94	81.43
175		J-253	4.11	2,745.00	2,937.94	83.60
176		J-254	4.11	2,735.00	2,936.24	87.20
177		J-255FH	4.11	2,728.00	2,936.23	90.22
178		J-256	4.11	2,728.00	2,936.22	90.22
179		J-257	4.11	2,725.00	2,934.25	90.67
180		J-258FH	4.11	2,735.00	2,934.18	86.30
181		J-259	4.11	2,735.00	2,934.15	86.29
182		J-25FH	4.11	2,758.00	3,041.02	122.63
183		J-26	4.11	2,760.00	3,041.02	121.76
184		J-260FH	4.11	2,735.00	2,934.14	86.29
185		J-261	4.11	2,735.00	2,934.14	86.29
186		J-262	4.11	2,735.00	2,934.13	86.28
187		J-263	4.11	2,720.00	2,934.13	92.78
188		J-264	4.11	2,710.00	2,934.11	97.11
189		J-265	4.11	2,700.00	2,934.04	101.41
190		J-266FH	4.11	2,700.00	2,934.04	101.41
191		J-267FH	4.11	2,751.00	2,934.62	79.56
192		J-268	4.11	2,700.00	2,934.07	101.42
193		J-269FH	4.11	2,700.00	2,934.07	101.42
194		J-27	4.11	2,770.00	3,041.05	117.44
195		J-270FH	4.11	2,700.00	2,934.11	101.44
196		J-271FH	4.11	2,735.00	2,934.14	86.29
197		J-272	4.11	2,824.00	3,043.49	95.11
198		J-273FH	4.11	2,705.00	2,934.15	99.29
199		J-274FH	4.11	2,705.00	2,934.16	99.29
200		J-275FH	4.11	2,785.00	3,040.86	110.86

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
201	☐	J-277	4.11	2,920.00	3,093.67	75.25
202	☐	J-278FH	4.11	2,740.00	2,934.42	84.24
203	☐	J-279FH	4.11	2,730.00	2,934.35	88.54
204	☐	J-28	4.11	2,807.00	3,041.16	101.46
205	☐	J-280FH	4.11	2,741.00	2,934.33	83.77
206	☐	J-281FH	4.11	2,703.00	2,934.16	100.16
207	☐	J-282	4.11	2,720.00	2,934.17	92.80
208	☐	J-283FH	4.11	2,715.00	2,934.17	94.97
209	☐	J-284FH	4.11	2,720.00	2,934.21	92.82
210	☐	J-285	4.11	2,720.00	2,934.17	92.80
211	☐	J-286	4.11	2,720.00	2,934.21	92.82
212	☐	J-287	4.11	2,720.00	2,934.23	92.83
213	☐	J-288FH	4.11	2,720.00	2,934.17	92.80
214	☐	J-289	4.11	2,720.00	2,934.18	92.81
215	☐	J-290	4.11	2,720.00	2,934.18	92.81
216	☐	J-291FH	4.11	2,921.00	3,095.36	75.55
217	☐	J-292FH	4.11	2,705.00	2,934.16	99.30
218	☐	J-293FH	4.11	2,755.00	3,040.76	123.82
219	☐	J-294	4.11	2,913.00	3,100.10	81.07
220	☐	J-295	4.11	2,946.00	3,165.32	95.03
221	☐	J-296	3.54	2,990.00	3,165.43	76.01
222	☐	J-297FH	4.11	2,705.00	2,934.16	99.30
223	☐	J-298	4.11	2,760.00	2,939.15	77.63
224	☐	J-299	4.11	2,770.00	2,939.46	73.43
225	☐	J-29FH	4.11	2,815.00	3,041.24	98.03
226	☐	J-3	4.11	2,730.00	2,934.34	88.54
227	☐	J-300	4.11	2,915.00	3,093.67	77.42
228	☐	J-301FH	4.11	2,800.00	3,092.19	126.61
229	☐	J-302FH	4.11	2,705.00	2,934.16	99.30
230	☐	J-303FH	4.11	2,730.00	2,934.18	88.47
231	☐	J-304	3.54	3,000.00	3,165.83	71.85
232	☐	J-305FH	4.11	2,877.50	3,041.25	70.95
233	☐	J-306	4.11	2,877.50	3,094.71	94.12
234	☐	J-307FH	4.11	2,740.00	2,934.19	84.14
235	☐	J-308	3.54	3,042.00	3,089.00	20.37
236	☐	J-309	4.11	2,760.00	2,939.50	77.78
237	☐	J-30FH	4.11	2,816.00	3,041.32	97.63
238	☐	J-31	4.11	2,815.00	3,041.39	98.10
239	☐	J-310	4.11	2,930.00	3,095.62	71.76
240	☐	J-311	44.15	2,925.00	3,102.23	76.79
241	☐	J-312	4.11	2,870.00	3,096.79	98.27
242	☐	J-313	4.11	2,800.00	3,041.71	104.73
243	☐	J-314	4.11	2,780.00	3,041.77	113.42
244	☐	J-315FH	4.11	2,930.00	3,096.14	71.99
245	☐	J-316	4.11	2,843.00	3,041.24	85.90
246	☐	J-317FH	4.11	2,902.00	3,094.36	83.35
247	☐	J-318FH	4.11	2,922.00	3,093.35	74.25
248	☐	J-319FH	4.11	2,924.00	3,093.92	73.62
249	☐	J-32	4.11	2,800.00	3,041.66	104.71
250	☐	J-320	4.11	2,922.00	3,094.06	74.55

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
251	☐	J-321FH	4.11	2,924.00	3,094.32	73.80
252	☐	J-322FH	4.11	2,936.00	3,095.28	69.02
253	☐	J-323FH	4.11	2,930.00	3,094.84	71.43
254	☐	J-324FH	4.11	2,926.00	3,094.65	73.08
255	☐	J-325FH	4.11	2,924.00	3,094.39	73.83
256	☐	J-326FH	4.11	2,928.00	3,094.48	72.14
257	☐	J-327FH	4.11	2,928.00	3,094.84	72.29
258	☐	J-328FH	4.11	2,933.00	3,094.95	70.17
259	☐	J-329FH	4.11	2,934.00	3,094.94	69.74
260	☐	J-330	4.11	2,934.00	3,094.84	69.69
261	☐	J-331	4.11	2,923.00	3,094.31	74.23
262	☐	J-333	4.11	2,885.00	3,094.36	90.72
263	☐	J-334	4.11	2,885.00	3,094.36	90.72
264	☐	J-335	4.11	2,745.00	2,936.88	83.14
265	☐	J-336	4.11	2,745.00	2,936.88	83.14
266	☐	J-33FH	4.11	2,820.00	3,041.45	95.96
267	☐	J-34	4.11	2,830.00	3,041.48	91.63
268	☐	J-35	4.11	2,827.00	3,041.35	92.88
269	☐	J-36	4.11	2,820.00	3,041.36	95.92
270	☐	J-37	4.11	2,825.00	3,041.30	93.72
271	☐	J-38FH	4.11	2,821.00	3,041.24	95.43
272	☐	J-39FH	4.11	2,836.00	3,041.32	88.97
273	☐	J-4	4.11	2,729.00	2,934.34	88.97
274	☐	J-40	4.11	2,839.00	3,041.32	87.66
275	☐	J-41	4.11	2,837.00	3,041.31	88.53
276	☐	J-42	4.11	2,835.00	3,041.28	89.38
277	☐	J-43	4.11	2,833.00	3,041.24	90.23
278	☐	J-44FH	4.11	2,805.00	3,041.16	102.33
279	☐	J-45	4.11	2,805.00	3,041.17	102.33
280	☐	J-46	4.11	2,780.00	3,041.16	113.16
281	☐	J-47	4.11	2,760.00	3,041.16	121.82
282	☐	J-48	4.11	2,780.00	3,041.16	113.16
283	☐	J-49	4.11	2,801.00	3,041.21	104.08
284	☐	J-5	4.11	2,751.00	2,934.45	79.49
285	☐	J-50	4.11	2,803.00	3,041.17	103.20
286	☐	J-51	4.11	2,800.00	3,041.21	104.51
287	☐	J-52	4.11	2,839.00	3,041.56	87.77
288	☐	J-53	4.11	2,842.00	3,041.46	86.43
289	☐	J-54	4.11	2,920.00	3,095.09	75.87
290	☐	J-55	4.11	2,842.00	3,041.45	86.42
291	☐	J-56	4.11	2,847.00	3,041.37	84.22
292	☐	J-57	4.11	2,850.00	3,041.37	82.92
293	☐	J-58	4.11	2,837.00	3,041.32	88.53
294	☐	J-59	4.11	2,860.00	3,092.00	100.52
295	☐	J-6	4.11	2,757.00	2,934.48	76.90
296	☐	J-61	4.11	2,847.00	3,041.31	84.19
297	☐	J-63FH	4.11	2,839.00	3,041.31	87.66
298	☐	J-64	4.11	2,839.00	3,041.28	87.65
299	☐	J-65	4.11	2,851.50	3,041.29	82.24
300	☐	J-66FH	4.11	2,847.00	3,041.27	84.18

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
301		J-67	4.11	2,842.00	3,041.27	86.34
302		J-68FH	4.11	2,839.00	3,041.27	87.64
303		J-69FH	4.11	2,839.00	3,041.25	87.63
304		J-7	4.11	2,754.00	2,934.47	78.20
305		J-70	4.11	2,837.00	3,041.25	88.50
306		J-71	4.11	2,839.50	3,041.25	87.42
307		J-73FH	4.11	2,830.00	3,041.24	91.53
308		J-74	4.11	2,843.00	3,041.25	85.90
309		J-75	4.11	2,845.00	3,041.25	85.04
310		J-76	4.11	2,849.00	3,041.25	83.30
311		J-77FH	4.11	2,914.00	3,096.40	79.04
312		J-78	4.11	2,940.00	3,095.62	67.43
313		J-79	4.11	2,842.00	3,041.24	86.33
314		J-80FH	4.11	2,940.00	3,096.14	67.65
315		J-81FH	4.11	2,841.00	3,041.24	86.76
316		J-82	4.11	2,921.00	3,096.13	75.88
317		J-83	4.11	2,760.00	2,937.54	76.93
318		J-84	4.11	2,760.00	3,041.24	121.86
319		J-85FH	4.11	2,849.50	3,041.26	83.09
320		J-86	4.11	2,851.50	3,041.26	82.22
321		J-87	4.11	2,852.00	3,041.26	82.01
322		J-88	4.11	2,854.00	3,041.25	81.14
323		J-89	4.11	2,857.00	3,041.27	79.84
324		J-8FH	4.11	2,752.00	2,934.47	79.06
325		J-9	4.11	2,757.00	2,934.49	76.91
326		J-90	4.11	2,857.00	3,041.27	79.84
327		J-91	4.11	2,857.00	3,041.26	79.84
328		J-92	4.11	2,861.00	3,041.25	78.10
329		J-93FH	4.11	2,858.00	3,041.25	79.40
330		J-94	4.11	2,857.00	3,041.25	79.83
331		J-95	4.11	2,863.50	3,041.25	77.02
332		J-956	3.54	2,847.00	3,063.94	94.00
333		J-958	3.54	2,856.00	3,067.09	91.46
334		J-96	4.11	2,863.00	3,041.25	77.24
335		J-97FH	4.11	2,936.00	3,096.14	69.39
336		J-98	4.11	2,866.75	3,041.25	75.61
337		J-99	4.11	2,866.50	3,041.25	75.72
338		J1000	3.54	2,903.00	3,098.54	84.73
339		J1002	3.54	2,892.00	3,098.46	89.46
340		J1004	3.54	2,939.00	3,097.74	68.78
341		J1006	3.54	2,937.00	3,097.73	69.65
342		J1008	3.54	2,940.00	3,097.74	68.35
343		J100FH	4.11	2,933.00	3,094.15	69.83
344		J1010	3.54	2,941.00	3,097.74	67.91
345		J1012	3.54	2,941.00	3,097.76	67.92
346		J1014	3.54	2,942.00	3,097.76	67.49
347		J1016	3.54	2,943.00	3,097.72	67.04
348		J1018	3.54	2,940.00	3,097.74	68.35
349		J1020	3.54	2,944.00	3,098.88	67.11
350		J1022	3.54	2,947.00	3,098.88	65.81

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
351	☐	J1024	3.54	2,941.00	3,098.88	68.41
352	☐	J1026	3.54	2,953.00	3,089.30	59.06
353	☐	J1028	3.54	2,868.00	3,089.30	95.89
354	☐	J102FH	4.11	2,936.00	3,095.40	69.07
355	☐	J1030	3.54	2,890.00	3,089.30	86.36
356	☐	J1032	3.54	2,873.00	3,089.30	93.72
357	☐	J1034	3.54	2,915.00	3,089.30	75.52
358	☐	J1036	3.54	2,761.00	2,934.49	75.17
359	☐	J1038	3.54	2,764.00	2,934.48	73.87
360	☐	J1040	3.54	2,764.00	2,934.49	73.87
361	☐	J1042	3.54	2,766.00	2,934.48	73.00
362	☐	J1044	3.54	2,768.00	2,934.48	72.14
363	☐	J1048	3.54	3,000.00	3,165.84	71.86
364	☐	J104FH	4.11	2,929.00	3,095.90	72.32
365	☐	J1050	3.54	2,861.00	3,212.44	152.28
366	☐	J1054	0.00	2,940.00	3,118.39	77.30
367	☐	J1056	0.00	2,929.50	3,099.67	73.73
368	☐	J1058	0.00	3,007.70	3,211.75	88.42
369	☐	J1062	0.00	3,000.00	3,165.43	71.68
370	☐	J1064	0.00	2,935.51	3,109.31	75.31
371	☐	J1068	3.54	3,138.90	3,166.00	11.74
372	☐	J106FH	4.11	2,923.00	3,095.89	74.91
373	☐	J108FH	4.11	2,921.00	3,096.24	75.93
374	☐	J10FH	4.11	2,845.00	3,058.51	92.51
375	☐	J110FH	4.11	2,914.00	3,096.10	78.91
376	☐	J112FH	4.11	2,934.00	3,094.78	69.67
377	☐	J114FH	4.11	2,932.00	3,094.82	70.55
378	☐	J116FH	4.11	2,925.00	3,095.34	73.81
379	☐	J118FH	4.11	2,929.00	3,094.47	71.70
380	☐	J12	4.11	2,845.00	3,058.73	92.61
381	☐	J120FH	4.11	2,930.00	3,094.68	71.36
382	☐	J122FH	4.11	2,930.00	3,094.76	71.39
383	☐	J124FH	4.11	2,922.00	3,095.53	75.19
384	☐	J126FH	32.49	2,899.00	3,096.55	85.60
385	☐	J128FH	4.11	2,902.00	3,095.81	83.98
386	☐	J130FH	32.49	2,881.00	3,096.70	93.46
387	☐	J132FH	4.11	2,887.00	3,095.95	90.54
388	☐	J134FH	4.11	2,894.00	3,095.63	87.37
389	☐	J136FH	4.11	2,898.00	3,095.55	85.60
390	☐	J138FH	4.11	2,924.00	3,095.09	74.13
391	☐	J140FH	4.11	2,920.00	3,095.08	75.86
392	☐	J142FH	4.11	2,923.00	3,094.95	74.51
393	☐	J144FH	4.11	2,808.00	3,092.19	123.14
394	☐	J146FH	4.11	2,810.00	3,092.20	122.28
395	☐	J148FH	4.11	2,816.00	3,092.20	119.68
396	☐	J14FH	4.11	2,845.00	3,058.11	92.34
397	☐	J150FH	4.11	2,868.00	3,091.91	97.02
398	☐	J152FH	4.11	2,932.00	3,093.26	69.87
399	☐	J154FH	4.11	2,929.00	3,094.06	71.52
400	☐	J156FH	4.11	2,929.00	3,094.11	71.54

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
401		J158FH	4.11	2,928.00	3,094.64	72.20
402		J16	4.11	2,849.00	3,058.10	90.60
403		J160FH	4.11	2,912.00	3,094.52	79.08
404		J162FH	4.11	2,918.00	3,094.84	76.62
405		J164FH	4.11	2,911.00	3,094.80	79.64
406		J166FH	4.11	2,911.00	3,095.06	79.75
407		J168FH	4.11	2,905.00	3,095.18	82.40
408		J170FH	4.11	2,882.00	3,095.41	92.47
409		J172FH	4.11	2,884.00	3,095.17	91.50
410		J174FH	4.11	2,877.00	3,095.03	94.47
411		J176FH	4.11	2,881.00	3,094.92	92.69
412		J178FH	4.11	2,888.00	3,094.85	89.63
413		J180FH	4.11	2,880.00	3,094.80	93.07
414		J182FH	4.11	2,863.00	3,094.80	100.44
415		J184FH	4.11	2,863.00	3,094.70	100.40
416		J186	4.11	2,788.00	2,939.48	65.64
417		J188FH	4.11	2,775.00	2,939.48	71.27
418		J18FH	4.11	2,844.00	3,058.10	92.77
419		J190FH	4.11	2,893.00	3,094.36	87.25
420		J192FH	4.11	2,766.00	2,939.49	75.17
421		J194FH	4.11	2,780.00	2,939.39	69.06
422		J196FH	4.11	2,763.00	2,939.38	76.42
423		J198FH	4.11	2,776.00	2,939.26	70.74
424		J200FH	4.11	2,783.00	2,938.82	67.52
425		J202FH	4.11	2,760.00	2,938.46	77.33
426		J204FH	4.11	2,777.00	2,938.15	69.82
427		J206FH	4.11	2,889.00	3,094.36	88.98
428		J208FH	4.11	2,879.00	3,094.40	93.33
429		J20FH	4.11	2,850.00	3,058.10	90.17
430		J210FH	4.11	2,892.00	3,094.44	87.72
431		J212FH	4.11	2,881.00	3,094.46	92.49
432		J214FH	4.11	2,738.00	2,937.94	86.63
433		J216FH	4.11	2,743.00	2,937.67	84.35
434		J218FH	4.11	2,722.00	2,937.12	93.21
435		J22	4.11	2,852.00	3,058.10	89.30
436		J220FH	4.11	2,725.00	2,937.12	91.91
437		J222FH	4.11	2,732.00	2,937.12	88.88
438		J224	4.11	2,730.00	2,937.12	89.75
439		J226FH	4.11	2,736.00	2,937.12	87.15
440		J228FH	4.11	2,738.00	2,936.95	86.21
441		J230FH	4.11	2,747.00	2,937.18	82.41
442		J232FH	4.11	2,723.00	2,936.22	92.39
443		J234FH	4.11	2,728.00	2,936.22	90.22
444		J236FH	4.11	2,738.00	2,936.70	86.09
445		J238FH	4.11	2,745.00	2,936.97	83.18
446		J240FH	4.11	2,720.00	2,934.91	93.12
447		J242FH	4.11	2,742.00	2,935.44	83.82
448		J244FH	4.11	2,755.00	3,040.71	123.80
449		J246FH	4.11	2,835.00	3,054.20	94.98
450		J248FH	4.11	2,740.00	2,936.11	84.97

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
451		J24FH	4.11	2,842.00	3,058.10	93.64
452		J250FH	4.11	2,749.00	2,936.65	81.31
453		J252FH	4.11	2,743.00	2,936.18	83.70
454		J254FH	4.11	2,743.00	2,936.04	83.65
455		J256FH	4.11	2,804.00	3,041.18	102.77
456		J258FH	4.11	2,778.00	3,041.16	114.03
457		J260FH	4.11	2,797.00	3,041.11	105.77
458		J262FH	4.11	2,796.00	3,041.04	106.18
459		J264FH	4.11	2,799.00	3,041.00	104.86
460		J266FH	4.11	2,812.00	3,041.24	99.33
461		J268FH	4.11	2,810.00	3,041.22	100.19
462		J26FH	4.11	2,849.00	3,058.10	90.60
463		J270FH	4.11	2,807.00	3,041.16	101.46
464		J272FH	4.11	2,824.00	3,041.38	94.19
465		J274FH	4.11	2,804.00	3,041.42	102.87
466		J276FH	4.11	2,818.00	3,041.24	96.73
467		J278FH	4.11	2,824.00	3,041.28	94.15
468		J28	4.11	2,922.00	3,093.67	74.39
469		J280FH	4.11	2,819.00	3,041.29	96.32
470		J282FH	4.11	2,841.00	3,041.43	86.85
471		J284FH	4.11	2,843.00	3,041.35	85.94
472		J286FH	4.11	2,844.00	3,041.28	85.48
473		J288FH	4.11	2,849.00	3,041.26	83.31
474		J290FH	4.11	2,794.00	3,041.24	107.13
475		J292FH	4.11	2,856.00	3,041.24	80.27
476		J294FH	4.11	2,845.00	3,041.25	85.03
477		J296FH	4.11	2,843.00	3,041.25	85.90
478		J298FH	4.11	2,852.00	3,041.25	82.00
479		J300FH	4.11	2,875.00	3,041.24	72.03
480		J302FH	4.11	2,871.00	3,041.24	73.76
481		J304FH	4.11	2,872.00	3,041.24	73.33
482		J306FH	4.11	2,864.00	3,041.25	76.80
483		J308FH	4.11	2,858.00	3,041.25	79.40
484		J310FH	4.11	2,752.00	2,934.40	79.03
485		J312FH	4.11	2,739.00	2,934.21	84.59
486		J314FH	4.11	2,743.00	2,934.34	82.91
487		J316FH	4.11	2,734.00	2,934.27	86.78
488		J318FH	4.11	2,720.00	2,934.21	92.82
489		J320FH	4.11	2,716.00	2,934.19	94.54
490		J322FH	4.11	2,721.00	2,934.19	92.38
491		J324FH	4.11	2,727.00	2,934.20	89.78
492		J326FH	4.11	2,729.00	2,934.19	88.91
493		J328FH	4.11	2,736.00	2,934.16	85.86
494		J330FH	4.11	2,727.00	2,934.16	89.76
495		J332FH	4.11	2,736.00	2,934.17	85.87
496		J334FH	4.11	2,739.00	2,934.18	84.57
497		J336FH	4.11	2,733.00	2,934.29	87.22
498		J338FH	4.11	2,725.00	2,934.22	90.65
499		J340FH	4.11	2,739.00	2,934.29	84.62
500		J342FH	4.11	2,728.00	2,934.36	89.41

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
501		J344FH	4.11	2,736.00	2,934.29	85.92
502		J346FH	4.11	2,740.00	2,934.30	84.19
503		J348FH	4.11	2,746.00	2,934.39	81.63
504		J34FH	4.11	2,922.00	3,093.54	74.33
505		J350FH	4.11	2,746.00	2,934.40	81.63
506		J352FH	4.11	2,735.00	2,934.47	86.43
507		J354FH	4.11	2,749.00	2,934.58	80.41
508		J356FH	4.11	2,721.00	2,934.57	92.54
509		J358FH	4.11	2,733.00	2,934.46	87.29
510		J36	4.11	2,906.00	3,092.80	80.94
511		J360FH	4.11	2,705.00	2,934.05	99.25
512		J362FH	4.11	2,705.00	2,934.09	99.26
513		J364FH	4.11	2,718.00	2,934.14	93.65
514		J366FH	4.11	2,721.00	2,934.14	92.35
515		J368FH	4.11	2,717.00	2,934.13	94.08
516		J370FH	4.11	2,731.00	2,934.15	88.02
517		J372FH	4.11	2,731.00	2,934.15	88.02
518		J374FH	4.11	2,704.00	2,934.16	99.73
519		J376FH	4.11	2,705.00	2,934.16	99.30
520		J380FH	4.11	2,947.00	3,097.19	65.08
521		J382FH	4.11	2,948.00	3,097.15	64.63
522		J384FH	4.11	2,945.00	3,097.11	65.91
523		J388	4.11	2,946.00	3,097.02	65.44
524		J38FH	4.11	2,913.00	3,094.35	78.58
525		J392	4.11	2,952.00	3,097.02	62.84
526		J394	4.11	2,945.00	3,096.97	65.85
527		J396	4.11	2,942.00	3,097.35	67.31
528		J398FH	4.11	2,943.00	3,097.26	66.84
529		J40	4.11	2,916.00	3,094.35	77.28
530		J400	4.11	2,902.00	3,097.74	84.82
531		J402FH	32.49	2,912.00	3,097.52	80.39
532		J404FH	4.11	2,917.00	3,097.38	78.16
533		J406FH	4.11	2,921.00	3,097.42	76.44
534		J408	4.11	2,918.00	3,097.42	77.74
535		J410FH	4.11	2,922.00	3,097.18	75.90
536		J412FH	4.11	2,929.00	3,096.76	72.69
537		J414	4.11	2,928.00	3,093.85	71.86
538		J416FH	4.11	2,928.00	3,093.38	71.66
539		J418FH	4.11	2,926.00	3,093.38	72.52
540		J420FH	4.11	2,918.00	3,093.31	75.96
541		J422FH	4.11	2,928.00	3,093.48	71.70
542		J424FH	4.11	2,928.00	3,093.47	71.70
543		J426FH	4.11	2,927.00	3,093.46	72.13
544		J42FH	4.11	2,919.00	3,094.34	75.98
545		J430	4.11	2,923.00	3,093.28	73.78
546		J432	4.11	2,924.00	3,093.28	73.35
547		J434FH	4.11	2,926.00	3,093.28	72.48
548		J436	4.11	2,922.00	3,093.28	74.21
549		J438	4.11	2,923.00	3,093.28	73.78
550		J440FH	4.11	2,925.00	3,093.46	72.99

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
551	☐	J442FH	4.11	2,926.00	3,093.42	72.54
552	☐	J444FH	4.11	2,930.00	3,094.08	71.10
553	☐	J446	4.11	2,909.00	3,093.12	79.78
554	☐	J448	4.11	2,923.00	3,093.31	73.80
555	☐	J44FH	4.11	2,918.00	3,094.35	76.41
556	☐	J450FH	4.11	2,918.00	3,099.05	78.45
557	☐	J452FH	32.49	2,915.00	3,098.43	79.48
558	☐	J454	4.11	2,841.00	3,041.25	86.77
559	☐	J456FH	4.11	2,706.00	2,934.02	98.80
560	☐	J458FH	4.11	2,709.00	2,934.02	97.50
561	☐	J46	4.11	2,896.00	3,094.36	85.95
562	☐	J460FH	4.11	2,713.00	2,934.02	95.77
563	☐	J462FH	4.11	2,713.00	2,934.02	95.77
564	☐	J464	4.11	2,711.00	2,934.02	96.64
565	☐	J466	4.11	2,707.00	2,934.02	98.37
566	☐	J468	4.11	2,712.00	2,934.02	96.20
567	☐	J470	4.11	2,712.00	2,934.03	96.21
568	☐	J472	4.11	2,712.00	2,934.02	96.20
569	☐	J474	4.11	2,712.00	2,934.02	96.20
570	☐	J476	3.54	2,815.00	3,085.36	117.15
571	☐	J478FH	4.11	2,816.00	3,085.45	116.75
572	☐	J48	4.11	2,900.00	3,094.45	84.26
573	☐	J480FH	4.11	2,796.00	3,086.12	125.71
574	☐	J482FH	63.98	2,796.00	3,086.87	126.03
575	☐	J484FH	4.11	2,811.00	3,087.65	119.87
576	☐	J486FH	4.11	2,840.00	3,088.73	107.77
577	☐	J488FH	4.11	2,820.00	3,088.78	116.46
578	☐	J490FH	4.11	2,818.00	3,088.84	117.36
579	☐	J492FH	4.11	2,820.00	3,088.90	116.52
580	☐	J494FH	63.98	2,818.00	3,088.88	117.37
581	☐	J496FH	4.11	2,815.00	3,089.09	118.76
582	☐	J500FH	4.11	2,823.00	3,089.28	115.38
583	☐	J508FH	4.11	2,847.00	3,089.31	104.99
584	☐	J50FH	4.11	2,695.00	2,934.16	103.63
585	☐	J510FH	4.11	2,856.00	3,089.35	101.11
586	☐	J512	4.11	2,872.00	3,089.35	94.18
587	☐	J514FH	4.11	2,869.00	3,089.39	95.49
588	☐	J516	4.11	2,867.00	3,089.40	96.37
589	☐	J518FH	4.11	2,865.00	3,089.44	97.25
590	☐	J52	4.11	2,742.00	2,934.29	83.32
591	☐	J522FH	4.11	2,824.00	3,089.28	114.95
592	☐	J524	4.11	2,815.00	3,089.24	118.83
593	☐	J526FH	4.11	2,840.00	3,089.33	108.04
594	☐	J528FH	4.11	2,854.00	3,089.39	102.00
595	☐	J532FH	4.11	2,858.00	3,089.46	100.29
596	☐	J534	4.11	2,860.00	3,089.48	99.43
597	☐	J536	778.30	2,914.00	3,085.35	74.25
598	☐	J538	0.00	3,052.00	2,888.57	-70.82
599	☐	J54	4.11	2,738.00	2,934.29	85.05
600	☐	J540	44.15	2,927.00	3,102.70	76.13

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
601	☐	J542	0.00	3,125.00	2,888.57	-102.45
602	☐	J544	0.00	2,949.00	2,888.57	-26.19
603	☐	J546	3.54	2,760.00	3,212.46	196.05
604	☐	J548	3.54	2,760.00	3,212.45	196.05
605	☐	J550	3.54	2,760.00	3,212.44	196.04
606	☐	J552	3.54	2,760.00	3,212.44	196.04
607	☐	J554	3.54	2,760.00	3,212.45	196.05
608	☐	J556	3.54	2,760.00	3,212.45	196.05
609	☐	J558	3.54	2,760.00	3,212.45	196.05
610	☐	J560	4.11	2,875.00	3,094.66	95.18
611	☐	J562	3.54	2,865.00	3,094.67	99.52
612	☐	J564	4.11	2,820.00	3,041.24	95.86
613	☐	J566FH	4.11	2,922.00	3,099.88	77.08
614	☐	J568FH	4.11	2,928.00	3,099.61	74.36
615	☐	J56FH	4.11	2,740.00	2,934.23	84.16
616	☐	J570FH	4.11	2,929.00	3,099.61	73.93
617	☐	J572	4.11	2,939.00	3,099.21	69.42
618	☐	J574	4.11	2,937.00	3,099.34	70.34
619	☐	J576	4.11	2,942.00	3,099.18	68.10
620	☐	J578	4.11	2,940.00	3,099.05	68.92
621	☐	J580FH	4.11	2,939.00	3,099.05	69.35
622	☐	J582	4.11	2,922.00	3,099.85	77.06
623	☐	J584FH	4.11	2,842.00	3,089.06	107.05
624	☐	J586	4.11	2,865.00	3,089.30	97.19
625	☐	J588	4.11	2,857.00	3,089.31	100.66
626	☐	J58FH	4.11	2,734.00	2,934.20	86.75
627	☐	J590FH	4.11	2,833.00	3,089.05	110.95
628	☐	J594FH	4.11	2,826.00	3,089.05	113.98
629	☐	J596FH	4.11	2,803.00	3,088.88	123.87
630	☐	J60	4.11	2,728.00	2,934.19	89.34
631	☐	J600FH	4.11	2,846.00	3,089.35	105.44
632	☐	J602	4.11	2,846.00	3,089.35	105.44
633	☐	J604	4.11	2,945.00	3,099.10	66.77
634	☐	J606FH	4.11	2,950.00	3,099.01	64.57
635	☐	J608	4.11	2,943.00	3,099.10	67.64
636	☐	J610FH	4.11	2,936.00	3,099.56	70.87
637	☐	J612FH	4.11	2,931.00	3,099.73	73.11
638	☐	J614	4.11	2,931.00	3,099.62	73.06
639	☐	J616	44.15	2,933.00	3,099.58	72.18
640	☐	J618	3.54	3,143.00	3,169.29	11.39
641	☐	J62	4.11	2,723.00	2,934.19	91.51
642	☐	J620	4.11	2,865.00	3,041.25	76.37
643	☐	J622FH	4.11	2,826.00	3,043.12	94.08
644	☐	J624FH	4.11	2,835.00	3,043.11	90.18
645	☐	J626FH	4.11	2,805.00	3,042.60	102.95
646	☐	J630FH	4.11	2,825.00	3,043.11	94.51
647	☐	J634FH	4.11	2,831.00	3,043.11	91.91
648	☐	J638FH	4.11	2,790.00	3,042.28	109.31
649	☐	J64	4.11	2,742.00	2,934.18	83.27
650	☐	J640FH	4.11	2,930.00	3,099.57	73.47

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
651		J642FH	4.11	2,929.00	3,099.65	73.94
652		J646FH	4.11	2,934.00	3,099.58	71.74
653		J648FH	4.11	2,799.00	3,084.75	123.81
654		J650FH	4.11	2,790.00	3,084.50	127.61
655		J652FH	4.11	2,774.00	3,084.17	134.40
656		J654FH	4.11	2,772.00	3,084.29	135.32
657		J656FH	4.11	2,779.00	3,084.43	132.34
658		J658FH	4.11	2,784.00	3,084.45	130.19
659		J660FH	4.11	2,774.00	3,084.44	134.51
660		J662FH	71.73	2,765.00	3,084.40	138.40
661		J664FH	4.11	2,784.00	3,084.53	130.22
662		J666FH	4.11	2,792.00	3,084.65	126.81
663		J668	71.73	2,805.00	3,084.53	121.12
664		J66FH	4.11	2,733.00	2,934.14	87.15
665		J670	4.11	2,746.42	2,937.67	82.87
666		J672FH	4.11	2,747.00	2,937.67	82.62
667		J674	4.11	2,931.48	3,097.04	71.74
668		J676FH	4.11	2,935.42	3,097.06	70.04
669		J678FH	4.11	2,934.28	3,097.15	70.57
670		J680FH	4.11	2,931.09	3,097.25	72.00
671		J682	4.11	2,926.25	3,097.31	74.12
672		J684FH	4.11	2,930.42	3,097.26	72.29
673		J686FH	4.11	2,929.00	3,097.16	72.86
674		J688	4.11	2,924.95	3,097.15	74.61
675		J68FH	4.11	2,743.00	2,934.14	82.82
676		J690	4.11	2,925.00	3,097.15	74.59
677		J692FH	4.11	2,932.10	3,097.09	71.49
678		J694	4.11	2,923.00	3,097.41	75.57
679		J696	4.11	2,935.00	3,098.26	70.74
680		J698	4.11	2,929.52	3,097.98	72.99
681		J700FH	4.11	2,936.95	3,097.98	69.77
682		J702	4.11	2,925.68	3,097.54	74.47
683		J704FH	4.11	2,926.37	3,097.54	74.17
684		J706FH	4.11	2,934.71	3,097.54	70.55
685		J708FH	4.11	2,930.45	3,097.98	72.59
686		J70FH	4.11	2,731.00	2,934.15	88.03
687		J710FH	4.11	2,935.73	3,098.19	70.39
688		J712	4.11	2,721.80	2,936.22	92.91
689		J714FH	4.11	2,726.17	2,936.22	91.02
690		J716	4.11	2,720.00	2,936.22	93.69
691		J718FH	4.11	2,723.42	2,936.22	92.21
692		J72	4.11	2,724.00	2,936.22	91.96
693		J720FH	4.11	2,781.00	3,041.98	113.08
694		J724	4.11	2,934.00	3,098.99	71.49
695		J728	4.11	2,932.00	3,099.00	72.36
696		J730FH	4.11	2,932.00	3,099.00	72.36
697		J732	4.11	2,930.00	3,099.06	73.25
698		J736	4.11	2,922.00	3,099.34	76.84
699		J738FH	4.11	2,924.00	3,099.26	75.94
700		J74	4.11	2,911.00	3,095.81	80.08

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
701	☐	J740FH	4.11	2,916.00	3,099.54	79.53
702	☐	J742FH	4.11	2,938.00	3,098.87	69.71
703	☐	J744	4.11	2,942.00	3,098.70	67.90
704	☐	J746	4.11	2,944.00	3,098.91	67.12
705	☐	J748	44.15	2,950.00	3,098.89	64.51
706	☐	J750FH	4.11	2,941.00	3,098.90	68.42
707	☐	J752	44.15	2,946.00	3,098.88	66.24
708	☐	J754	4.11	2,944.00	3,098.90	67.12
709	☐	J756	4.11	2,948.00	3,099.01	65.43
710	☐	J758	4.11	2,952.00	3,099.01	63.70
711	☐	J76	4.11	2,886.00	3,096.12	91.05
712	☐	J774	4.11	2,738.00	2,934.14	84.99
713	☐	J776	4.11	2,736.00	2,934.14	85.86
714	☐	J778	4.11	2,771.00	3,084.35	135.78
715	☐	J780	4.11	2,770.00	3,084.35	136.21
716	☐	J782	4.11	2,812.00	3,041.40	99.40
717	☐	J784FH	4.11	2,774.00	3,084.19	134.40
718	☐	J786FH	4.11	2,781.00	3,041.94	113.06
719	☐	J788FH	4.11	2,921.00	3,096.13	75.88
720	☐	J78FH	4.11	2,932.00	3,095.92	71.03
721	☐	J790FH	4.11	2,926.00	3,099.10	75.01
722	☐	J792	44.15	2,943.00	3,097.80	67.08
723	☐	J794	403.93	2,907.00	3,103.56	85.17
724	☐	J796	43.58	2,889.00	3,098.43	90.75
725	☐	J798	67.62	2,955.00	3,084.73	56.21
726	☐	J800	0.00	2,913.00	3,084.67	74.39
727	☐	J802	4.11	2,774.00	2,940.15	71.99
728	☐	J804	4.11	2,799.00	3,084.92	123.89
729	☐	J806	0.00	2,757.00	3,084.40	141.86
730	☐	J80FH	4.11	2,925.00	3,095.88	74.04
731	☐	J814	3.54	2,981.00	3,212.48	100.30
732	☐	J816	3.54	2,963.00	3,099.01	58.93
733	☐	J818	3.54	2,954.00	3,099.01	62.83
734	☐	J820	0.00	2,960.45	3,204.14	105.59
735	☐	J822	0.00	2,966.52	3,207.90	104.59
736	☐	J824	0.00	2,980.76	3,210.29	99.46
737	☐	J826	0.00	2,987.71	3,210.07	96.35
738	☐	J828	0.00	2,996.13	3,210.50	92.88
739	☐	J82FH	4.11	2,917.00	3,095.78	77.47
740	☐	J830	0.00	2,995.21	3,210.38	93.23
741	☐	J832	0.00	2,990.88	3,210.19	95.03
742	☐	J834	0.00	3,009.18	3,211.69	87.75
743	☐	J836	0.00	3,002.40	3,210.38	90.12
744	☐	J838	3.54	3,004.53	3,211.88	89.84
745	☐	J840	0.00	2,944.90	3,209.06	114.46
746	☐	J842	0.00	2,940.71	3,209.06	116.28
747	☐	J844	0.00	2,968.00	3,210.17	104.93
748	☐	J846	0.00	2,967.45	3,210.15	105.16
749	☐	J848	0.00	2,961.29	3,210.09	107.81
750	☐	J84FH	4.11	2,922.00	3,095.78	75.30

Average Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
751	☐	J850	0.00	2,960.78	3,210.07	108.02
752	☐	J852	0.00	2,968.68	3,210.34	104.71
753	☐	J854	0.00	2,975.04	3,210.32	101.94
754	☐	J856	0.00	2,978.19	3,210.31	100.58
755	☐	J858	0.00	2,888.43	3,073.45	80.17
756	☐	J86	4.11	2,925.00	3,095.34	73.81
757	☐	J860	0.00	2,898.05	3,081.12	79.32
758	☐	J862	0.00	2,899.49	3,084.16	80.02
759	☐	J864	0.00	2,884.62	3,081.12	85.14
760	☐	J866	0.00	2,902.06	3,088.37	80.73
761	☐	J868	0.00	2,926.83	3,092.62	71.84
762	☐	J870	0.00	2,920.55	3,091.94	74.26
763	☐	J872	0.00	2,903.55	3,091.85	81.59
764	☐	J874	0.00	2,922.53	3,091.85	73.36
765	☐	J876	0.00	2,923.74	3,091.85	72.84
766	☐	J878	0.00	2,918.62	3,091.85	75.06
767	☐	J88	4.11	2,916.00	3,095.09	77.60
768	☐	J880	0.00	2,905.87	3,091.85	80.58
769	☐	J882	0.00	2,896.80	3,091.94	84.55
770	☐	J884	0.00	2,893.57	3,098.02	88.59
771	☐	J886	0.00	2,911.70	3,098.02	80.73
772	☐	J888	0.00	2,908.12	3,098.36	82.43
773	☐	J890	0.00	2,912.56	3,098.32	80.49
774	☐	J892	0.00	2,899.90	3,098.36	85.99
775	☐	J894	0.00	2,919.68	3,098.40	77.44
776	☐	J896	0.00	2,914.64	3,097.79	79.36
777	☐	J898	0.00	2,915.94	3,097.82	78.81
778	☐	J90	4.11	2,922.00	3,095.34	75.11
779	☐	J900	0.00	2,920.41	3,097.82	76.87
780	☐	J902	0.00	2,916.53	3,098.26	78.74
781	☐	J904	0.00	2,942.70	3,098.17	67.37
782	☐	J906	0.00	2,941.03	3,098.19	68.10
783	☐	J908	0.00	2,927.52	3,098.20	73.96
784	☐	J910	0.00	2,938.15	3,098.20	69.35
785	☐	J912	0.00	2,933.82	3,098.20	71.23
786	☐	J914	0.00	2,941.49	3,098.20	67.90
787	☐	J916	0.00	2,940.75	3,098.20	68.22
788	☐	J918	0.00	2,962.00	3,098.17	59.00
789	☐	J920	0.00	2,963.07	3,098.17	58.54
790	☐	J922	0.00	2,951.49	3,098.17	63.56
791	☐	J924	0.00	2,964.29	3,098.17	58.01
792	☐	J926	0.00	2,943.69	3,098.17	66.94
793	☐	J928	0.00	2,951.57	3,098.17	63.52
794	☐	J92FH	4.11	2,948.00	3,094.99	63.69
795	☐	J930	0.00	2,951.82	3,098.17	63.41
796	☐	J932	0.00	2,948.36	3,098.17	64.91
797	☐	J934	0.00	2,944.53	3,098.17	66.57
798	☐	J936	0.00	2,942.91	3,098.17	67.28
799	☐	J938	0.00	2,918.30	3,103.21	80.12
800	☐	J940	0.00	2,926.09	3,103.21	76.74

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
801	☐	J942	3.54	2,907.00	3,098.85	83.13
802	☐	J944	0.00	2,929.59	3,209.06	121.10
803	☐	J946	3.54	2,983.37	3,211.95	99.04
804	☐	J948	3.54	2,946.00	3,118.39	74.70
805	☐	J94FH	4.11	2,950.00	3,095.84	63.19
806	☐	J950	0.00	2,937.89	3,116.36	77.33
807	☐	J952	0.00	2,939.75	3,119.05	77.69
808	☐	J954	3.54	2,847.00	3,062.25	93.27
809	☐	J960	3.54	2,851.00	3,065.05	92.75
810	☐	J962	3.54	2,855.00	3,066.61	91.69
811	☐	J964	3.54	2,861.00	3,068.66	89.98
812	☐	J966	3.54	2,861.00	3,070.00	90.56
813	☐	J968	3.54	2,915.00	3,100.10	80.21
814	☐	J96FH	4.11	2,941.00	3,095.06	66.76
815	☐	J970	3.54	2,924.00	3,099.87	76.20
816	☐	J972	3.54	2,917.00	3,100.55	79.53
817	☐	J974	3.54	2,919.00	3,100.11	78.48
818	☐	J976	3.54	2,926.00	3,099.87	75.34
819	☐	J978	3.54	2,934.00	3,103.51	73.45
820	☐	J980	3.54	2,934.00	3,103.40	73.40
821	☐	J982	3.54	2,928.00	3,103.13	75.88
822	☐	J984	3.54	2,944.00	3,113.94	73.63
823	☐	J986	3.54	2,923.00	3,107.98	80.15
824	☐	J988	3.54	2,921.00	3,105.33	79.87
825	☐	J98FH	4.11	2,936.00	3,094.42	68.65
826	☐	J990	3.54	2,916.00	3,104.03	81.47
827	☐	J992	3.54	2,923.00	3,103.54	78.23
828	☐	J994	3.54	2,946.00	3,119.05	74.98
829	☐	J996	3.54	2,910.00	3,098.97	81.88
830	☐	J998	3.54	2,908.00	3,098.46	82.52

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J-100FH	8.25	2,876.00	2,995.23	51.66
2	☐	J-101	8.25	2,865.00	3,028.74	70.95
3	☐	J-102FH	8.25	2,868.00	3,036.53	73.03
4	☐	J-103FH	8.25	2,871.00	3,037.36	72.08
5	☐	J-104	8.25	2,839.00	2,987.87	64.51
6	☐	J-105FH	8.25	2,875.00	3,037.98	70.62
7	☐	J-106FH	8.25	2,877.00	3,032.56	67.40
8	☐	J-107FH	8.25	2,936.00	3,046.41	47.84
9	☐	J-108	8.25	2,876.00	3,036.63	69.60
10	☐	J-109FH	8.25	2,875.00	3,037.43	70.38
11	☐	J-10FH	8.25	2,741.00	2,930.90	82.28
12	☐	J-110	8.25	2,879.00	3,037.98	68.88
13	☐	J-111	8.25	2,899.50	3,038.73	60.33
14	☐	J-112	8.25	2,879.00	3,038.72	69.21
15	☐	J-113	8.25	2,885.00	3,040.61	67.43
16	☐	J-114FH	8.25	2,885.50	3,039.68	66.80
17	☐	J-115	8.25	2,885.00	3,039.67	67.02
18	☐	J-116FH	8.25	2,881.00	3,041.87	69.71
19	☐	J-117	8.25	2,897.00	3,039.97	61.95
20	☐	J-118FH	8.25	2,891.00	3,040.67	64.85
21	☐	J-119FH	8.25	2,889.00	3,041.29	65.99
22	☐	J-11FH	8.25	2,740.00	2,930.55	82.56
23	☐	J-12	8.25	2,766.00	2,932.79	72.27
24	☐	J-120	8.25	2,887.00	3,041.80	67.08
25	☐	J-1208	8.25	2,822.00	2,989.07	72.39
26	☐	J-121	8.25	2,878.00	3,042.28	71.18
27	☐	J-1210	7.10	2,760.00	3,155.99	171.58
28	☐	J-122FH	8.25	2,880.00	3,042.48	70.40
29	☐	J-123	8.25	2,870.00	3,042.28	74.65
30	☐	J-124	8.25	2,892.00	3,041.94	64.97
31	☐	J-125	8.25	2,892.00	3,041.94	64.97
32	☐	J-1254	7.10	3,000.00	3,165.47	71.70
33	☐	J-1268	7.10	3,200.00	3,300.58	43.58
34	☐	J-1269	7.10	3,200.00	3,300.99	43.76
35	☐	J-126FH	8.25	2,901.00	3,042.41	61.27
36	☐	J-127	8.25	2,901.00	3,042.49	61.31
37	☐	J-1273	8.25	2,823.00	3,149.17	141.33
38	☐	J-128FH	8.25	2,935.00	3,046.38	48.26
39	☐	J-129	8.25	2,899.00	3,041.81	61.88
40	☐	J-13	8.25	2,751.00	2,978.68	98.65
41	☐	J-130	8.25	2,932.00	3,046.35	49.55
42	☐	J-131FH	8.25	2,901.00	3,041.30	60.79
43	☐	J-132FH	8.25	2,925.00	3,046.16	52.50
44	☐	J-133FH	8.25	2,903.00	3,040.86	59.73
45	☐	J-134FH	8.25	2,927.00	3,046.16	51.63
46	☐	J-135	8.25	2,905.00	3,040.39	58.67
47	☐	J-136FH	8.25	2,910.00	3,039.75	56.22
48	☐	J-137	8.25	2,901.00	3,039.68	60.09
49	☐	J-138FH	8.25	2,902.00	3,039.68	59.66
50	☐	J-139FH	8.25	2,877.00	3,039.58	70.45

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
51		J-140	8.25	2,885.00	3,037.67	66.15
52		J-141FH	8.25	2,900.00	3,037.67	59.65
53		J-142	8.25	2,885.00	3,037.52	66.09
54		J-143FH	8.25	2,890.00	3,037.06	63.72
55		J-144FH	8.25	2,897.00	3,034.57	59.61
56		J-145FH	8.25	2,889.00	3,033.55	62.63
57		J-146	8.25	2,888.00	3,034.45	63.46
58		J-147FH	8.25	2,891.00	3,033.46	61.73
59		J-148	8.25	2,908.00	3,038.10	56.37
60		J-149FH	8.25	2,905.00	3,034.98	56.32
61		J-14FH	8.25	2,750.00	2,931.23	78.53
62		J-150	8.25	2,909.00	3,035.49	54.81
63		J-151FH	8.25	2,893.00	3,034.90	61.48
64		J-152	8.25	2,874.00	3,001.37	55.19
65		J-153FH	8.25	2,892.50	3,034.24	61.42
66		J-154	8.25	2,892.00	3,034.24	61.63
67		J-155	8.25	2,894.00	3,034.81	61.01
68		J-156FH	8.25	2,894.00	3,034.88	61.04
69		J-157	8.25	2,870.00	3,034.89	71.45
70		J-158FH	8.25	2,900.00	3,035.24	58.60
71		J-159	8.25	2,896.00	3,035.24	60.33
72		J-15FH	8.25	2,753.00	2,931.23	77.23
73		J-160FH	8.25	2,903.50	3,035.55	57.22
74		J-161FH	8.25	2,897.00	3,035.53	60.02
75		J-162FH	8.25	2,880.00	3,035.00	67.16
76		J-163	8.25	2,885.00	3,035.39	65.17
77		J-164FH	8.25	2,910.00	3,036.41	54.77
78		J-165FH	8.25	2,915.00	3,036.84	52.79
79		J-166	8.25	2,915.00	3,037.76	53.19
80		J-167FH	8.25	2,909.00	3,038.82	56.25
81		J-168FH	8.25	2,917.00	3,039.45	53.06
82		J-169FH	8.25	2,921.00	3,046.15	54.23
83		J-16FH	8.25	2,640.00	2,930.68	125.95
84		J-170FH	8.25	2,917.00	3,044.14	55.09
85		J-171	8.25	2,916.00	3,038.09	52.90
86		J-172	8.25	2,909.00	3,038.82	56.25
87		J-173FH	8.25	2,920.00	3,038.12	51.18
88		J-174	8.25	2,921.00	3,037.81	50.61
89		J-175FH	8.25	2,915.00	3,039.46	53.93
90		J-176	8.25	2,915.00	3,039.45	53.93
91		J-177FH	8.25	2,929.00	3,045.79	50.60
92		J-178	8.25	2,920.00	3,041.05	52.45
93		J-179	8.25	2,920.00	3,041.31	52.56
94		J-17FH	8.25	2,638.00	2,930.66	126.81
95		J-18	8.25	2,637.00	2,930.66	127.24
96		J-180	8.25	2,933.00	3,046.93	49.37
97		J-181	8.25	2,915.00	3,042.48	55.24
98		J-182	8.25	2,915.00	3,042.61	55.29
99		J-183FH	8.25	2,915.00	3,042.61	55.29
100		J-184FH	8.25	2,915.00	3,041.69	54.89

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
101	☐	J-185	8.25	2,920.00	3,043.23	53.40
102	☐	J-186FH	8.25	2,910.00	3,043.58	57.88
103	☐	J-187	8.25	2,915.00	3,041.13	54.65
104	☐	J-188	8.25	2,909.00	3,045.14	58.99
105	☐	J-189FH	8.25	2,915.00	3,051.58	59.18
106	☐	J-191	8.25	2,915.00	3,041.02	54.60
107	☐	J-192	8.25	2,910.00	3,040.96	56.74
108	☐	J-193FH	8.25	2,917.00	3,041.02	53.74
109	☐	J-194	8.25	2,917.00	3,036.55	51.80
110	☐	J-195	8.25	2,916.50	3,036.55	52.02
111	☐	J-196	8.25	2,909.00	3,036.39	55.20
112	☐	J-197	8.25	2,908.00	3,036.39	55.63
113	☐	J-198FH	8.25	2,900.00	3,036.30	59.06
114	☐	J-199	8.25	2,902.00	3,036.57	58.31
115	☐	J-19FH	8.25	2,636.00	2,930.66	127.67
116	☐	J-1FH	8.25	2,720.00	2,930.45	91.19
117	☐	J-2	8.25	2,720.00	2,930.45	91.19
118	☐	J-200	8.25	2,895.00	3,035.74	60.98
119	☐	J-201	8.25	2,890.00	3,035.67	63.12
120	☐	J-202	8.25	2,892.00	3,035.67	62.25
121	☐	J-203	8.25	2,883.00	3,035.65	66.14
122	☐	J-204FH	8.25	2,880.00	3,035.39	67.33
123	☐	J-205	8.25	2,885.00	3,036.00	65.43
124	☐	J-206	8.25	2,890.00	3,036.25	63.37
125	☐	J-207	8.25	2,883.00	3,035.97	66.28
126	☐	J-208	8.25	2,939.00	3,047.79	47.14
127	☐	J-209	8.25	2,825.00	2,991.89	72.31
128	☐	J-20FH	8.25	2,745.00	2,931.35	80.75
129	☐	J-21	8.25	2,745.00	2,931.02	80.60
130	☐	J-210	8.25	2,937.00	3,046.26	47.34
131	☐	J-211FH	8.25	2,830.00	2,991.89	70.15
132	☐	J-212FH	8.25	2,824.00	2,991.89	72.75
133	☐	J-213	8.25	2,825.00	2,998.90	75.35
134	☐	J-214FH	8.25	2,835.00	2,998.90	71.02
135	☐	J-215FH	8.25	2,825.00	2,998.90	75.35
136	☐	J-216	8.25	2,830.00	3,006.87	76.64
137	☐	J-217	8.25	2,830.00	3,011.54	78.66
138	☐	J-218FH	8.25	2,838.00	3,006.86	73.17
139	☐	J-219	8.25	2,830.00	3,006.86	76.63
140	☐	J-22	8.25	2,920.00	3,045.49	54.37
141	☐	J-220	8.25	2,924.00	3,049.66	54.45
142	☐	J-221FH	8.25	2,748.00	2,931.26	79.41
143	☐	J-222FH	8.25	2,732.00	2,931.60	86.49
144	☐	J-223	8.25	2,720.00	2,931.21	91.52
145	☐	J-224	8.25	2,750.00	2,931.41	78.60
146	☐	J-225FH	8.25	2,752.00	2,931.23	77.66
147	☐	J-226	8.25	2,740.00	2,931.15	82.82
148	☐	J-227FH	8.25	2,845.00	2,986.81	61.44
149	☐	J-228	8.25	2,755.00	2,931.23	76.36
150	☐	J-229FH	8.25	2,753.00	2,931.05	77.15

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
151	☐	J-23	8.25	2,751.00	2,981.08	99.69
152	☐	J-230	8.25	2,755.00	2,931.04	76.28
153	☐	J-231	8.25	2,750.00	2,931.00	78.43
154	☐	J-232FH	8.25	2,755.00	2,930.92	76.22
155	☐	J-233	8.25	2,750.00	2,930.94	78.40
156	☐	J-234	8.25	2,770.00	2,930.89	69.72
157	☐	J-235FH	8.25	2,765.00	2,930.80	71.84
158	☐	J-236	8.25	2,768.00	2,930.79	70.54
159	☐	J-237	8.25	2,765.00	2,930.78	71.83
160	☐	J-238	8.25	2,778.00	2,930.72	66.17
161	☐	J-24	8.25	2,800.00	2,982.78	79.20
162	☐	J-240	8.25	2,778.00	2,930.71	66.17
163	☐	J-241	8.25	2,780.00	2,930.28	65.11
164	☐	J-242	8.25	2,760.00	2,930.56	73.91
165	☐	J-243	8.25	2,924.00	3,047.15	53.36
166	☐	J-244	8.25	2,770.00	2,930.56	69.57
167	☐	J-245	8.25	2,770.00	2,930.56	69.57
168	☐	J-246	8.25	2,878.00	3,001.36	53.45
169	☐	J-247FH	8.25	2,857.50	2,994.38	59.31
170	☐	J-248	8.25	2,920.00	3,055.47	58.70
171	☐	J-249	8.25	2,920.00	3,056.40	59.10
172	☐	J-250FH	8.25	2,750.00	2,930.94	78.40
173	☐	J-251	8.25	2,750.00	2,930.95	78.41
174	☐	J-252	8.25	2,750.00	2,930.96	78.41
175	☐	J-253	8.25	2,745.00	2,930.95	80.57
176	☐	J-254	8.25	2,735.00	2,930.77	84.83
177	☐	J-255FH	8.25	2,728.00	2,930.72	87.84
178	☐	J-256	8.25	2,728.00	2,930.71	87.83
179	☐	J-257	8.25	2,725.00	2,930.46	89.02
180	☐	J-258FH	8.25	2,735.00	2,930.39	84.66
181	☐	J-259	8.25	2,735.00	2,930.31	84.63
182	☐	J-25FH	8.25	2,758.00	2,982.11	97.11
183	☐	J-26	8.25	2,760.00	2,982.11	96.24
184	☐	J-260FH	8.25	2,735.00	2,930.28	84.62
185	☐	J-261	8.25	2,735.00	2,930.28	84.61
186	☐	J-262	8.25	2,735.00	2,930.27	84.61
187	☐	J-263	8.25	2,720.00	2,930.24	91.10
188	☐	J-264	8.25	2,710.00	2,930.18	95.40
189	☐	J-265	8.25	2,700.00	2,929.92	99.63
190	☐	J-266FH	8.25	2,700.00	2,929.92	99.63
191	☐	J-267FH	8.25	2,751.00	2,934.42	79.48
192	☐	J-268	8.25	2,700.00	2,930.02	99.67
193	☐	J-269FH	8.25	2,700.00	2,930.02	99.67
194	☐	J-27	8.25	2,770.00	2,982.78	92.20
195	☐	J-270FH	8.25	2,700.00	2,930.18	99.74
196	☐	J-271FH	8.25	2,735.00	2,930.29	84.62
197	☐	J-272	8.25	2,824.00	2,989.28	71.62
198	☐	J-273FH	8.25	2,705.00	2,930.37	97.65
199	☐	J-274FH	8.25	2,705.00	2,930.38	97.66
200	☐	J-275FH	8.25	2,785.00	2,980.85	84.86

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
201	☐	J-277	8.25	2,920.00	3,051.58	57.02
202	☐	J-278FH	8.25	2,740.00	2,931.92	83.16
203	☐	J-279FH	8.25	2,730.00	2,931.41	87.27
204	☐	J-28	8.25	2,807.00	2,984.49	76.91
205	☐	J-280FH	8.25	2,741.00	2,931.00	82.33
206	☐	J-281FH	8.25	2,703.00	2,930.38	98.53
207	☐	J-282	8.25	2,720.00	2,930.45	91.19
208	☐	J-283FH	8.25	2,715.00	2,930.48	93.37
209	☐	J-284FH	8.25	2,720.00	2,930.66	91.28
210	☐	J-285	8.25	2,720.00	2,930.48	91.20
211	☐	J-286	8.25	2,720.00	2,930.67	91.28
212	☐	J-287	8.25	2,720.00	2,930.79	91.33
213	☐	J-288FH	8.25	2,720.00	2,930.46	91.19
214	☐	J-289	8.25	2,720.00	2,930.49	91.21
215	☐	J-290	8.25	2,720.00	2,930.49	91.21
216	☐	J-291FH	8.25	2,921.00	3,043.81	53.21
217	☐	J-292FH	8.25	2,705.00	2,930.42	97.67
218	☐	J-293FH	8.25	2,755.00	2,979.81	97.41
219	☐	J-294	8.25	2,913.00	3,045.00	57.19
220	☐	J-295	8.25	2,946.00	3,098.20	65.95
221	☐	J-296	7.10	2,990.00	3,109.24	51.67
222	☐	J-297FH	8.25	2,705.00	2,930.40	97.67
223	☐	J-298	8.25	2,760.00	2,930.63	73.93
224	☐	J-299	8.25	2,770.00	2,930.56	69.57
225	☐	J-29FH	8.25	2,815.00	2,985.03	73.67
226	☐	J-3	8.25	2,730.00	2,930.58	86.91
227	☐	J-300	8.25	2,915.00	3,051.58	59.18
228	☐	J-301FH	8.25	2,800.00	3,066.09	115.30
229	☐	J-302FH	8.25	2,705.00	2,930.40	97.67
230	☐	J-303FH	8.25	2,730.00	2,930.46	86.86
231	☐	J-304	7.10	3,000.00	3,149.64	64.84
232	☐	J-305FH	8.25	2,877.50	2,996.23	51.44
233	☐	J-306	8.25	2,877.50	3,030.10	66.12
234	☐	J-307FH	8.25	2,740.00	2,930.48	82.53
235	☐	J-308	7.10	3,042.00	3,086.44	19.25
236	☐	J-309	8.25	2,760.00	2,930.57	73.91
237	☐	J-30FH	8.25	2,816.00	2,985.59	73.48
238	☐	J-31	8.25	2,815.00	2,985.80	74.01
239	☐	J-310	8.25	2,930.00	3,047.22	50.79
240	☐	J-311	89.12	2,925.00	3,045.49	52.21
241	☐	J-312	8.25	2,870.00	3,043.90	75.35
242	☐	J-313	8.25	2,800.00	2,987.87	81.40
243	☐	J-314	8.25	2,780.00	2,985.79	89.17
244	☐	J-315FH	8.25	2,930.00	3,046.17	50.34
245	☐	J-316	8.25	2,843.00	2,986.81	62.31
246	☐	J-317FH	8.25	2,902.00	3,036.61	58.33
247	☐	J-318FH	8.25	2,922.00	3,055.27	57.75
248	☐	J-319FH	8.25	2,924.00	3,052.59	55.72
249	☐	J-32	8.25	2,800.00	2,985.79	80.50
250	☐	J-320	8.25	2,922.00	3,051.99	56.32

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
251	☐	J-321FH	8.25	2,924.00	3,050.31	54.73
252	☐	J-322FH	8.25	2,936.00	3,047.96	48.51
253	☐	J-323FH	8.25	2,930.00	3,048.75	51.46
254	☐	J-324FH	8.25	2,926.00	3,049.76	53.62
255	☐	J-325FH	8.25	2,924.00	3,050.71	54.90
256	☐	J-326FH	8.25	2,928.00	3,049.89	52.82
257	☐	J-327FH	8.25	2,928.00	3,049.16	52.50
258	☐	J-328FH	8.25	2,933.00	3,048.56	50.07
259	☐	J-329FH	8.25	2,934.00	3,048.53	49.63
260	☐	J-330	8.25	2,934.00	3,048.62	49.66
261	☐	J-331	8.25	2,923.00	3,050.31	55.16
262	☐	J-333	8.25	2,885.00	3,035.98	65.42
263	☐	J-334	8.25	2,885.00	3,035.98	65.42
264	☐	J-335	8.25	2,745.00	2,931.37	80.76
265	☐	J-336	8.25	2,745.00	2,931.37	80.76
266	☐	J-33FH	8.25	2,820.00	2,986.78	72.26
267	☐	J-34	8.25	2,830.00	2,987.04	68.05
268	☐	J-35	8.25	2,827.00	2,986.25	69.00
269	☐	J-36	8.25	2,820.00	2,986.23	72.03
270	☐	J-37	8.25	2,825.00	2,985.76	69.66
271	☐	J-38FH	8.25	2,821.00	2,985.25	71.17
272	☐	J-39FH	8.25	2,836.00	2,986.32	65.13
273	☐	J-4	8.25	2,729.00	2,930.58	87.35
274	☐	J-40	8.25	2,839.00	2,986.30	63.83
275	☐	J-41	8.25	2,837.00	2,986.38	64.73
276	☐	J-42	8.25	2,835.00	2,986.17	65.50
277	☐	J-43	8.25	2,833.00	2,985.72	66.17
278	☐	J-44FH	8.25	2,805.00	2,984.57	77.81
279	☐	J-45	8.25	2,805.00	2,984.84	77.93
280	☐	J-46	8.25	2,780.00	2,984.56	88.64
281	☐	J-47	8.25	2,760.00	2,984.56	97.30
282	☐	J-48	8.25	2,780.00	2,984.56	88.64
283	☐	J-49	8.25	2,801.00	2,985.27	79.84
284	☐	J-5	8.25	2,751.00	2,930.77	77.89
285	☐	J-50	8.25	2,803.00	2,984.84	78.79
286	☐	J-51	8.25	2,800.00	2,985.27	80.28
287	☐	J-52	8.25	2,839.00	2,987.75	64.45
288	☐	J-53	8.25	2,842.00	2,987.83	63.19
289	☐	J-54	8.25	2,920.00	3,042.71	53.17
290	☐	J-55	8.25	2,842.00	2,987.74	63.15
291	☐	J-56	8.25	2,847.00	2,988.80	61.44
292	☐	J-57	8.25	2,850.00	2,988.80	60.14
293	☐	J-58	8.25	2,837.00	2,986.80	64.91
294	☐	J-59	8.25	2,860.00	3,066.09	89.30
295	☐	J-6	8.25	2,757.00	2,931.05	75.42
296	☐	J-61	8.25	2,847.00	2,986.80	60.57
297	☐	J-63FH	8.25	2,839.00	2,986.80	64.04
298	☐	J-64	8.25	2,839.00	2,986.80	64.04
299	☐	J-65	8.25	2,851.50	2,989.76	59.91
300	☐	J-66FH	8.25	2,847.00	2,989.64	61.80

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
301		J-67	8.25	2,842.00	2,987.98	63.25
302		J-68FH	8.25	2,839.00	2,986.87	64.07
303		J-69FH	8.25	2,839.00	2,986.65	63.98
304		J-7	8.25	2,754.00	2,930.74	76.58
305		J-70	8.25	2,837.00	2,985.87	64.51
306		J-71	8.25	2,839.50	2,986.89	63.86
307		J-73FH	8.25	2,830.00	2,984.38	66.89
308		J-74	8.25	2,843.00	2,987.52	62.62
309		J-75	8.25	2,845.00	2,987.66	61.81
310		J-76	8.25	2,849.00	2,988.02	60.24
311		J-77FH	8.25	2,914.00	3,044.43	56.52
312		J-78	8.25	2,940.00	3,047.22	46.46
313		J-79	8.25	2,842.00	2,985.55	62.20
314		J-80FH	8.25	2,940.00	3,046.69	46.23
315		J-81FH	8.25	2,841.00	2,986.23	62.93
316		J-82	8.25	2,921.00	3,046.16	54.23
317		J-83	8.25	2,760.00	2,931.41	74.27
318		J-84	8.25	2,760.00	2,977.52	94.25
319		J-85FH	8.25	2,849.50	2,990.75	61.21
320		J-86	8.25	2,851.50	2,990.75	60.34
321		J-87	8.25	2,852.00	2,991.94	60.64
322		J-88	8.25	2,854.00	2,992.93	60.20
323		J-89	8.25	2,857.00	2,991.28	58.18
324		J-8FH	8.25	2,752.00	2,930.74	77.45
325		J-9	8.25	2,757.00	2,931.23	75.49
326		J-90	8.25	2,857.00	2,991.28	58.18
327		J-91	8.25	2,857.00	2,991.98	58.49
328		J-92	8.25	2,861.00	2,994.13	57.69
329		J-93FH	8.25	2,858.00	2,992.93	58.47
330		J-94	8.25	2,857.00	2,994.16	59.43
331		J-95	8.25	2,863.50	2,995.18	57.06
332		J-956	7.10	2,847.00	3,021.96	75.81
333		J-958	7.10	2,856.00	3,024.47	73.00
334		J-96	8.25	2,863.00	2,995.18	57.27
335		J-97FH	8.25	2,936.00	3,046.45	47.86
336		J-98	8.25	2,866.75	2,995.55	55.81
337		J-99	8.25	2,866.50	2,995.55	55.92
338		J1000	7.10	2,903.00	3,044.67	61.39
339		J1002	7.10	2,892.00	3,044.51	66.08
340		J1004	7.10	2,939.00	3,044.75	45.82
341		J1006	7.10	2,937.00	3,044.75	46.69
342		J1008	7.10	2,940.00	3,044.75	45.39
343		J100FH	8.25	2,933.00	3,051.33	51.27
344		J1010	7.10	2,941.00	3,044.75	44.95
345		J1012	7.10	2,941.00	3,044.75	44.95
346		J1014	7.10	2,942.00	3,044.75	44.52
347		J1016	7.10	2,943.00	3,044.76	44.09
348		J1018	7.10	2,940.00	3,044.75	45.39
349		J1020	7.10	2,944.00	3,043.58	43.15
350		J1022	7.10	2,947.00	3,043.59	41.85

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
351		J1024	7.10	2,941.00	3,043.58	44.45
352		J1026	7.10	2,953.00	3,075.75	53.19
353		J1028	7.10	2,868.00	3,075.75	90.02
354		J102FH	8.25	2,936.00	3,046.89	48.05
355		J1030	7.10	2,890.00	3,075.75	80.48
356		J1032	7.10	2,873.00	3,075.75	87.85
357		J1034	7.10	2,915.00	3,075.75	69.65
358		J1036	7.10	2,761.00	2,932.26	74.21
359		J1038	7.10	2,764.00	2,932.36	72.95
360		J1040	7.10	2,764.00	2,932.28	72.92
361		J1042	7.10	2,766.00	2,932.33	72.07
362		J1044	7.10	2,768.00	2,932.31	71.19
363		J1048	7.10	3,000.00	3,150.49	65.21
364		J104FH	8.25	2,929.00	3,044.99	50.26
365		J1050	7.10	2,861.00	3,104.18	105.37
366		J1054	0.00	2,940.00	3,089.20	64.65
367		J1056	0.00	2,929.50	3,044.82	49.97
368		J1062	0.00	3,000.00	3,109.24	47.33
369		J1068	0.00	3,138.90	3,165.89	11.69
370		J106FH	8.25	2,923.00	3,044.60	52.69
371		J108FH	8.25	2,921.00	3,044.83	53.65
372		J10FH	8.25	2,845.00	3,017.77	74.86
373		J110FH	8.25	2,914.00	3,044.30	56.46
374		J112FH	8.25	2,934.00	3,048.12	49.45
375		J114FH	8.25	2,932.00	3,046.97	49.82
376		J116FH	8.25	2,925.00	3,044.77	51.90
377		J118FH	8.25	2,929.00	3,049.32	52.13
378		J12	8.25	2,845.00	3,017.94	74.94
379		J120FH	8.25	2,930.00	3,047.11	50.74
380		J122FH	8.25	2,930.00	3,045.54	50.07
381		J124FH	8.25	2,922.00	3,043.98	52.86
382		J126FH	65.58	2,899.00	3,044.13	62.89
383		J128FH	8.25	2,902.00	3,042.48	60.87
384		J130FH	65.58	2,881.00	3,043.96	70.61
385		J132FH	8.25	2,887.00	3,042.62	67.43
386		J134FH	8.25	2,894.00	3,042.12	64.18
387		J136FH	8.25	2,898.00	3,041.81	62.31
388		J138FH	8.25	2,924.00	3,042.04	51.15
389		J140FH	8.25	2,920.00	3,040.91	52.39
390		J142FH	8.25	2,923.00	3,040.92	51.10
391		J144FH	8.25	2,808.00	3,066.09	111.83
392		J146FH	8.25	2,810.00	3,066.09	110.96
393		J148FH	8.25	2,816.00	3,066.09	108.37
394		J14FH	8.25	2,845.00	3,017.47	74.73
395		J150FH	8.25	2,868.00	3,066.10	85.83
396		J152FH	8.25	2,932.00	3,040.88	47.18
397		J154FH	8.25	2,929.00	3,043.96	49.81
398		J156FH	8.25	2,929.00	3,042.96	49.38
399		J158FH	8.25	2,928.00	3,042.87	49.77
400		J16	8.25	2,849.00	3,017.45	72.99

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
401		J160FH	8.25	2,912.00	3,036.50	53.95
402		J162FH	8.25	2,918.00	3,038.44	52.19
403		J164FH	8.25	2,911.00	3,037.63	54.87
404		J166FH	8.25	2,911.00	3,040.31	56.03
405		J168FH	8.25	2,905.00	3,040.79	58.84
406		J170FH	8.25	2,882.00	3,041.12	68.95
407		J172FH	8.25	2,884.00	3,040.21	67.69
408		J174FH	8.25	2,877.00	3,039.09	70.24
409		J176FH	8.25	2,881.00	3,038.35	68.18
410		J178FH	8.25	2,888.00	3,037.49	64.77
411		J180FH	8.25	2,880.00	3,036.79	67.94
412		J182FH	8.25	2,863.00	3,036.59	75.22
413		J184FH	8.25	2,863.00	3,031.69	73.09
414		J186	8.25	2,788.00	2,930.56	61.77
415		J188FH	8.25	2,775.00	2,930.56	67.40
416		J18FH	8.25	2,844.00	3,017.45	75.16
417		J190FH	8.25	2,893.00	3,035.97	61.95
418		J192FH	8.25	2,766.00	2,930.56	71.31
419		J194FH	8.25	2,780.00	2,930.57	65.24
420		J196FH	8.25	2,763.00	2,930.59	72.62
421		J198FH	8.25	2,776.00	2,930.59	66.98
422		J200FH	8.25	2,783.00	2,930.70	64.00
423		J202FH	8.25	2,760.00	2,930.78	74.00
424		J204FH	8.25	2,777.00	2,930.90	66.68
425		J206FH	8.25	2,889.00	3,036.30	63.82
426		J208FH	8.25	2,879.00	3,035.75	67.92
427		J20FH	8.25	2,850.00	3,017.45	72.56
428		J210FH	8.25	2,892.00	3,035.69	62.26
429		J212FH	8.25	2,881.00	3,035.21	66.82
430		J214FH	8.25	2,738.00	2,930.95	83.61
431		J216FH	8.25	2,743.00	2,931.17	81.53
432		J218FH	8.25	2,722.00	2,931.21	90.65
433		J22	8.25	2,852.00	3,017.45	71.69
434		J220FH	8.25	2,725.00	2,931.22	89.35
435		J222FH	8.25	2,732.00	2,931.23	86.33
436		J224	8.25	2,730.00	2,931.22	87.19
437		J226FH	8.25	2,736.00	2,931.22	84.59
438		J228FH	8.25	2,738.00	2,931.16	83.70
439		J230FH	8.25	2,747.00	2,931.50	79.95
440		J232FH	8.25	2,723.00	2,930.71	90.00
441		J234FH	8.25	2,728.00	2,930.71	87.83
442		J236FH	8.25	2,738.00	2,931.06	83.65
443		J238FH	8.25	2,745.00	2,931.41	80.77
444		J240FH	8.25	2,720.00	2,930.69	91.29
445		J242FH	8.25	2,742.00	2,931.25	82.00
446		J244FH	8.25	2,755.00	2,979.25	97.17
447		J246FH	8.25	2,835.00	3,006.86	74.47
448		J248FH	8.25	2,740.00	2,930.75	82.65
449		J24FH	8.25	2,842.00	3,017.45	76.02
450		J250FH	8.25	2,749.00	2,931.33	79.00

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
451		J252FH	8.25	2,743.00	2,931.29	81.58
452		J254FH	8.25	2,743.00	2,931.28	81.58
453		J256FH	8.25	2,804.00	2,984.98	78.42
454		J258FH	8.25	2,778.00	2,984.56	89.50
455		J260FH	8.25	2,797.00	2,983.76	80.92
456		J262FH	8.25	2,796.00	2,982.78	80.93
457		J264FH	8.25	2,799.00	2,982.35	79.45
458		J266FH	8.25	2,812.00	2,985.43	75.15
459		J268FH	8.25	2,810.00	2,985.02	75.84
460		J26FH	8.25	2,849.00	3,017.45	72.99
461		J270FH	8.25	2,807.00	2,984.09	76.73
462		J272FH	8.25	2,824.00	2,986.44	70.38
463		J274FH	8.25	2,804.00	2,986.37	79.02
464		J276FH	8.25	2,818.00	2,985.76	72.69
465		J278FH	8.25	2,824.00	2,986.34	70.34
466		J28	8.25	2,922.00	3,051.59	56.15
467		J280FH	8.25	2,819.00	2,985.90	72.32
468		J282FH	8.25	2,841.00	2,988.13	63.75
469		J284FH	8.25	2,843.00	2,989.05	63.28
470		J286FH	8.25	2,844.00	2,990.41	63.44
471		J288FH	8.25	2,849.00	2,991.96	61.95
472		J290FH	8.25	2,794.00	2,979.09	80.20
473		J292FH	8.25	2,856.00	2,990.32	58.20
474		J294FH	8.25	2,845.00	2,987.71	61.83
475		J296FH	8.25	2,843.00	2,987.92	62.79
476		J298FH	8.25	2,852.00	2,992.66	60.95
477		J300FH	8.25	2,875.00	3,007.80	57.54
478		J302FH	8.25	2,871.00	3,003.74	57.52
479		J304FH	8.25	2,872.00	3,001.36	56.05
480		J306FH	8.25	2,864.00	2,994.39	56.50
481		J308FH	8.25	2,858.00	2,994.14	58.99
482		J310FH	8.25	2,752.00	2,931.80	77.91
483		J312FH	8.25	2,739.00	2,930.58	83.01
484		J314FH	8.25	2,743.00	2,931.24	81.56
485		J316FH	8.25	2,734.00	2,930.99	85.35
486		J318FH	8.25	2,720.00	2,930.67	91.28
487		J320FH	8.25	2,716.00	2,930.58	92.98
488		J322FH	8.25	2,721.00	2,930.57	90.81
489		J324FH	8.25	2,727.00	2,930.60	88.22
490		J326FH	8.25	2,729.00	2,930.51	87.32
491		J328FH	8.25	2,736.00	2,930.34	84.21
492		J330FH	8.25	2,727.00	2,930.33	88.10
493		J332FH	8.25	2,736.00	2,930.37	84.22
494		J334FH	8.25	2,739.00	2,930.44	82.95
495		J336FH	8.25	2,733.00	2,930.88	85.74
496		J338FH	8.25	2,725.00	2,930.43	89.01
497		J340FH	8.25	2,739.00	2,930.88	83.14
498		J342FH	8.25	2,728.00	2,930.62	87.79
499		J344FH	8.25	2,736.00	2,930.88	84.44
500		J346FH	8.25	2,740.00	2,930.88	82.71

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
501		J348FH	8.25	2,746.00	2,931.08	80.19
502		J34FH	8.25	2,922.00	3,053.26	56.87
503		J350FH	8.25	2,746.00	2,931.09	80.20
504		J352FH	8.25	2,735.00	2,930.74	84.81
505		J354FH	8.25	2,749.00	2,931.23	78.96
506		J356FH	8.25	2,721.00	2,930.72	90.87
507		J358FH	8.25	2,733.00	2,930.75	85.69
508		J36	8.25	2,906.00	3,041.27	58.61
509		J360FH	8.25	2,705.00	2,929.97	97.48
510		J362FH	8.25	2,705.00	2,930.10	97.53
511		J364FH	8.25	2,718.00	2,930.28	91.98
512		J366FH	8.25	2,721.00	2,930.28	90.68
513		J368FH	8.25	2,717.00	2,930.26	92.40
514		J370FH	8.25	2,731.00	2,930.32	86.37
515		J372FH	8.25	2,731.00	2,930.34	86.38
516		J374FH	8.25	2,704.00	2,930.38	98.09
517		J376FH	8.25	2,705.00	2,930.41	97.67
518		J380FH	8.25	2,947.00	3,046.33	43.04
519		J382FH	8.25	2,948.00	3,046.33	42.61
520		J384FH	8.25	2,945.00	3,046.33	43.91
521		J388	8.25	2,946.00	3,046.33	43.47
522		J38FH	8.25	2,913.00	3,036.99	53.73
523		J392	8.25	2,952.00	3,046.33	40.87
524		J394	8.25	2,945.00	3,046.33	43.91
525		J396	8.25	2,942.00	3,046.33	45.21
526		J398FH	8.25	2,943.00	3,046.33	44.77
527		J40	8.25	2,916.00	3,037.51	52.65
528		J400	8.25	2,902.00	3,044.65	61.81
529		J402FH	65.58	2,912.00	3,044.61	57.46
530		J404FH	8.25	2,917.00	3,044.59	55.28
531		J406FH	8.25	2,921.00	3,044.87	53.67
532		J408	8.25	2,918.00	3,044.87	54.97
533		J410FH	8.25	2,922.00	3,045.08	53.33
534		J412FH	8.25	2,929.00	3,045.49	50.48
535		J414	8.25	2,928.00	3,053.07	54.19
536		J416FH	8.25	2,928.00	3,055.14	55.09
537		J418FH	8.25	2,926.00	3,055.14	55.96
538		J420FH	8.25	2,918.00	3,055.70	59.67
539		J422FH	8.25	2,928.00	3,054.41	54.78
540		J424FH	8.25	2,928.00	3,054.36	54.75
541		J426FH	8.25	2,927.00	3,054.33	55.17
542		J42FH	8.25	2,919.00	3,037.51	51.35
543		J430	8.25	2,923.00	3,055.76	57.52
544		J432	8.25	2,924.00	3,055.74	57.08
545		J434FH	8.25	2,926.00	3,055.75	56.22
546		J436	8.25	2,922.00	3,055.74	57.95
547		J438	8.25	2,923.00	3,055.74	57.52
548		J440FH	8.25	2,925.00	3,054.30	56.03
549		J442FH	8.25	2,926.00	3,054.69	55.76
550		J444FH	8.25	2,930.00	3,051.97	52.85

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
551		J446	8.25	2,909.00	3,057.35	64.28
552		J448	8.25	2,923.00	3,055.70	57.50
553		J44FH	8.25	2,918.00	3,036.99	51.56
554		J450FH	8.25	2,918.00	3,044.81	54.95
555		J452FH	65.58	2,915.00	3,044.71	56.20
556		J454	8.25	2,841.00	2,987.89	63.65
557		J456FH	8.25	2,706.00	2,929.86	97.00
558		J458FH	8.25	2,709.00	2,929.86	95.70
559		J46	8.25	2,896.00	3,036.61	60.93
560		J460FH	8.25	2,713.00	2,929.86	93.96
561		J462FH	8.25	2,713.00	2,929.87	93.97
562		J464	8.25	2,711.00	2,929.87	94.83
563		J466	8.25	2,707.00	2,929.86	96.57
564		J468	8.25	2,712.00	2,929.86	94.40
565		J470	8.25	2,712.00	2,929.89	94.41
566		J472	8.25	2,712.00	2,929.86	94.40
567		J474	8.25	2,712.00	2,929.87	94.40
568		J476	7.10	2,815.00	3,074.56	112.47
569		J478FH	8.25	2,816.00	3,074.57	112.04
570		J48	8.25	2,900.00	3,035.74	58.81
571		J480FH	8.25	2,796.00	3,074.70	120.76
572		J482FH	129.17	2,796.00	3,074.85	120.83
573		J484FH	8.25	2,811.00	3,075.11	114.44
574		J486FH	8.25	2,840.00	3,075.48	102.03
575		J488FH	8.25	2,820.00	3,075.47	110.70
576		J490FH	8.25	2,818.00	3,075.47	111.56
577		J492FH	8.25	2,820.00	3,075.46	110.69
578		J494FH	129.17	2,818.00	3,075.39	111.53
579		J496FH	8.25	2,815.00	3,075.57	112.91
580		J500FH	8.25	2,823.00	3,075.69	109.49
581		J508FH	8.25	2,847.00	3,075.71	99.10
582		J50FH	8.25	2,695.00	2,930.38	101.99
583		J510FH	8.25	2,856.00	3,075.74	95.21
584		J512	8.25	2,872.00	3,075.74	88.28
585		J514FH	8.25	2,869.00	3,075.78	89.60
586		J516	8.25	2,867.00	3,075.79	90.47
587		J518FH	8.25	2,865.00	3,075.83	91.35
588		J52	8.25	2,742.00	2,930.88	81.84
589		J522FH	8.25	2,824.00	3,075.70	109.06
590		J524	8.25	2,815.00	3,075.67	112.95
591		J526FH	8.25	2,840.00	3,075.74	102.14
592		J528FH	8.25	2,854.00	3,075.79	96.10
593		J532FH	8.25	2,858.00	3,075.86	94.40
594		J534	8.25	2,860.00	3,075.89	93.54
595		J54	8.25	2,738.00	2,930.88	83.57
596		J540	89.12	2,927.00	3,045.88	51.51
597		J546	7.10	2,760.00	3,156.38	171.75
598		J548	7.10	2,760.00	3,154.30	170.85
599		J550	7.10	2,760.00	3,149.79	168.90
600		J552	7.10	2,760.00	3,147.00	167.69

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
601		J554	7.10	2,760.00	3,149.17	168.63
602		J556	7.10	2,760.00	3,150.89	169.37
603		J558	7.10	2,760.00	3,154.40	170.89
604		J560	8.25	2,875.00	3,027.95	66.27
605		J562	7.10	2,865.00	3,028.74	70.95
606		J564	8.25	2,820.00	2,984.37	71.22
607		J566FH	8.25	2,922.00	3,044.93	53.27
608		J568FH	8.25	2,928.00	3,044.87	50.64
609		J56FH	8.25	2,740.00	2,930.64	82.60
610		J570FH	8.25	2,929.00	3,044.87	50.21
611		J572	8.25	2,939.00	3,044.79	45.84
612		J574	8.25	2,937.00	3,044.79	46.71
613		J576	8.25	2,942.00	3,044.65	44.48
614		J578	8.25	2,940.00	3,044.79	45.41
615		J580FH	8.25	2,939.00	3,044.79	45.84
616		J582	8.25	2,922.00	3,044.91	53.26
617		J584FH	8.25	2,842.00	3,075.65	101.24
618		J586	8.25	2,865.00	3,075.77	91.33
619		J588	8.25	2,857.00	3,075.78	94.80
620		J58FH	8.25	2,734.00	2,930.55	85.16
621		J590FH	8.25	2,833.00	3,075.64	105.14
622		J594FH	8.25	2,826.00	3,075.64	108.17
623		J596FH	8.25	2,803.00	3,075.39	118.03
624		J60	8.25	2,728.00	2,930.51	87.75
625		J600FH	8.25	2,846.00	3,075.75	99.55
626		J602	8.25	2,846.00	3,075.75	99.55
627		J604	8.25	2,945.00	3,044.38	43.06
628		J606FH	8.25	2,950.00	3,044.04	40.75
629		J608	8.25	2,943.00	3,044.38	43.93
630		J610FH	8.25	2,936.00	3,044.80	47.14
631		J612FH	8.25	2,931.00	3,044.85	49.33
632		J614	8.25	2,931.00	3,044.79	49.30
633		J616	89.12	2,933.00	3,044.77	48.43
634		J618	7.10	3,143.00	3,167.43	10.59
635		J62	8.25	2,723.00	2,930.52	89.92
636		J620	8.25	2,865.00	2,995.23	56.43
637		J622FH	8.25	2,826.00	2,989.07	70.66
638		J624FH	8.25	2,835.00	2,989.06	66.75
639		J626FH	8.25	2,805.00	2,989.07	79.76
640		J630FH	8.25	2,825.00	2,989.06	71.09
641		J634FH	8.25	2,831.00	2,989.05	68.49
642		J638FH	8.25	2,790.00	2,989.06	86.25
643		J64	8.25	2,742.00	2,930.40	81.63
644		J640FH	8.25	2,930.00	3,044.78	49.74
645		J642FH	8.25	2,929.00	3,044.81	50.18
646		J646FH	8.25	2,934.00	3,044.77	48.00
647		J648FH	8.25	2,799.00	2,930.53	56.99
648		J650FH	8.25	2,790.00	2,930.52	60.89
649		J652FH	8.25	2,774.00	2,930.52	67.82
650		J654FH	8.25	2,772.00	2,930.43	68.65

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
651		J656FH	8.25	2,779.00	2,930.37	65.59
652		J658FH	8.25	2,784.00	2,930.42	63.45
653		J660FH	8.25	2,774.00	2,930.17	67.67
654		J662FH	144.82	2,765.00	2,930.03	71.51
655		J664FH	8.25	2,784.00	2,930.17	63.33
656		J666FH	8.25	2,792.00	2,930.37	59.95
657		J668	144.82	2,805.00	2,929.98	54.15
658		J66FH	8.25	2,733.00	2,930.31	85.49
659		J670	8.25	2,746.42	2,931.15	80.04
660		J672FH	8.25	2,747.00	2,931.14	79.79
661		J674	8.25	2,931.48	3,046.11	49.67
662		J676FH	8.25	2,935.42	3,046.08	47.95
663		J678FH	8.25	2,934.28	3,045.87	48.35
664		J680FH	8.25	2,931.09	3,045.69	49.65
665		J682	8.25	2,926.25	3,045.59	51.71
666		J684FH	8.25	2,930.42	3,045.65	49.93
667		J686FH	8.25	2,929.00	3,045.80	50.61
668		J688	8.25	2,924.95	3,045.82	52.37
669		J68FH	8.25	2,743.00	2,930.29	81.15
670		J690	8.25	2,925.00	3,045.82	52.35
671		J692FH	8.25	2,932.10	3,045.97	49.34
672		J694	8.25	2,923.00	3,045.47	53.07
673		J696	8.25	2,935.00	3,044.80	47.57
674		J698	8.25	2,929.52	3,044.96	50.02
675		J700FH	8.25	2,936.95	3,044.96	46.80
676		J702	8.25	2,925.68	3,045.32	51.84
677		J704FH	8.25	2,926.37	3,045.32	51.54
678		J706FH	8.25	2,934.71	3,045.32	47.93
679		J708FH	8.25	2,930.45	3,044.96	49.62
680		J70FH	8.25	2,731.00	2,930.31	86.36
681		J710FH	8.25	2,935.73	3,044.83	47.27
682		J712	8.25	2,721.80	2,930.70	90.52
683		J714FH	8.25	2,726.17	2,930.70	88.62
684		J716	8.25	2,720.00	2,930.70	91.30
685		J718FH	8.25	2,723.42	2,930.70	89.82
686		J72	8.25	2,724.00	2,930.71	89.57
687		J720FH	8.25	2,781.00	2,985.78	88.73
688		J724	8.25	2,934.00	3,044.81	48.01
689		J728	8.25	2,932.00	3,044.81	48.88
690		J730FH	8.25	2,932.00	3,044.81	48.88
691		J732	8.25	2,930.00	3,044.81	49.75
692		J736	8.25	2,922.00	3,044.86	53.23
693		J738FH	8.25	2,924.00	3,044.84	52.36
694		J74	8.25	2,911.00	3,042.48	56.97
695		J740FH	8.25	2,916.00	3,044.90	55.85
696		J742FH	8.25	2,938.00	3,044.80	46.28
697		J744	8.25	2,942.00	3,044.80	44.54
698		J746	8.25	2,944.00	3,043.68	43.19
699		J748	89.12	2,950.00	3,043.59	40.55
700		J750FH	8.25	2,941.00	3,043.63	44.47

Peak Day Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
701		J752	89.12	2,946.00	3,043.57	42.28
702		J754	8.25	2,944.00	3,043.63	43.17
703		J756	8.25	2,948.00	3,044.04	41.61
704		J758	8.25	2,952.00	3,044.04	39.88
705		J76	8.25	2,886.00	3,042.78	67.93
706		J774	8.25	2,738.00	2,930.32	83.33
707		J776	8.25	2,736.00	2,930.32	84.20
708		J778	8.25	2,771.00	2,930.39	69.06
709		J780	8.25	2,770.00	2,930.39	69.50
710		J782	8.25	2,812.00	2,986.19	75.47
711		J784FH	8.25	2,774.00	2,930.51	67.82
712		J786FH	8.25	2,781.00	2,985.78	88.73
713		J788FH	8.25	2,921.00	3,046.15	54.23
714		J78FH	8.25	2,932.00	3,045.64	49.24
715		J790FH	8.25	2,926.00	3,044.82	51.49
716		J792	89.12	2,943.00	3,044.76	44.09
717		J794	815.81	2,907.00	3,044.68	59.66
718		J796	87.97	2,889.00	3,044.35	67.31
719		J802	8.25	2,774.00	2,930.53	67.82
720		J804	8.25	2,799.00	3,074.47	119.36
721		J80FH	8.25	2,925.00	3,044.20	51.65
722		J814	7.10	2,981.00	3,162.87	78.81
723		J816	7.10	2,963.00	3,044.03	35.11
724		J818	7.10	2,954.00	3,044.04	39.01
725		J82FH	8.25	2,917.00	3,043.23	54.70
726		J838	7.10	3,004.53	3,164.00	69.10
727		J84FH	8.25	2,922.00	3,043.23	52.53
728		J86	8.25	2,925.00	3,044.77	51.90
729		J88	8.25	2,916.00	3,041.13	54.22
730		J90	8.25	2,922.00	3,044.78	53.20
731		J92FH	8.25	2,948.00	3,048.74	43.65
732		J942	7.10	2,907.00	3,044.40	59.53
733		J946	7.10	2,983.37	3,163.30	77.96
734		J948	7.10	2,946.00	3,089.20	62.05
735		J94FH	8.25	2,950.00	3,047.00	42.03
736		J954	7.10	2,847.00	3,020.65	75.24
737		J960	7.10	2,851.00	3,022.82	74.45
738		J962	7.10	2,855.00	3,024.06	73.25
739		J964	7.10	2,861.00	3,025.73	71.38
740		J966	7.10	2,861.00	3,026.84	71.86
741		J968	7.10	2,915.00	3,045.00	56.33
742		J96FH	8.25	2,941.00	3,048.31	46.50
743		J970	7.10	2,924.00	3,044.90	52.38
744		J972	7.10	2,917.00	3,045.10	55.51
745		J974	7.10	2,919.00	3,045.00	54.60
746		J976	7.10	2,926.00	3,044.90	51.52
747		J978	7.10	2,934.00	3,046.85	48.90
748		J980	7.10	2,934.00	3,046.70	48.83
749		J982	7.10	2,928.00	3,046.35	51.28
750		J984	7.10	2,944.00	3,062.18	51.21

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
751	☐	J986	7.10	2,923.00	3,051.32	55.60
752	☐	J988	7.10	2,921.00	3,047.63	54.87
753	☐	J98FH	8.25	2,936.00	3,050.36	49.55
754	☐	J990	7.10	2,916.00	3,045.99	56.32
755	☐	J992	7.10	2,923.00	3,045.06	52.89
756	☐	J994	7.10	2,946.00	3,089.76	62.29
757	☐	J996	7.10	2,910.00	3,044.79	58.40
758	☐	J998	7.10	2,908.00	3,044.68	59.22

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
1	☐	J-100FH	9.23	2,876.00	2,996.53	52.23
2	☐	J-101	9.23	2,865.00	3,066.44	87.28
3	☐	J-102FH	9.23	2,868.00	3,071.35	88.11
4	☐	J-103FH	9.23	2,871.00	3,071.64	86.94
5	☐	J-104	9.23	2,839.00	2,997.06	68.49
6	☐	J-105FH	9.23	2,875.00	3,071.89	85.31
7	☐	J-106FH	9.23	2,877.00	3,069.94	83.60
8	☐	J-107FH	9.23	2,936.00	3,076.07	60.69
9	☐	J-108	9.23	2,876.00	3,071.37	84.65
10	☐	J-109FH	9.23	2,875.00	3,071.65	85.21
11	☐	J-10FH	9.23	2,741.00	2,930.24	82.00
12	☐	J-110	9.23	2,879.00	3,071.89	83.58
13	☐	J-111	9.23	2,899.50	3,072.22	74.84
14	☐	J-112	9.23	2,879.00	3,072.21	83.72
15	☐	J-113	9.23	2,885.00	3,073.14	81.52
16	☐	J-114FH	9.23	2,885.50	3,072.62	81.08
17	☐	J-115	9.23	2,885.00	3,072.62	81.29
18	☐	J-116FH	9.23	2,881.00	3,073.90	83.58
19	☐	J-117	9.23	2,897.00	3,072.77	76.16
20	☐	J-118FH	9.23	2,891.00	3,073.15	78.93
21	☐	J-119FH	9.23	2,889.00	3,073.50	79.94
22	☐	J-11FH	9.23	2,740.00	2,929.80	82.24
23	☐	J-12	9.23	2,766.00	2,932.46	72.13
24	☐	J-120	9.23	2,887.00	3,073.82	80.95
25	☐	J-1208	9.23	2,822.00	3,004.64	79.14
26	☐	J-121	9.23	2,878.00	3,074.18	85.01
27	☐	J-1210	9.23	2,760.00	3,106.87	150.30
28	☐	J-122FH	9.23	2,880.00	3,074.33	84.20
29	☐	J-123	9.23	2,870.00	3,074.18	88.47
30	☐	J-124	9.23	2,892.00	3,073.89	78.81
31	☐	J-125	9.23	2,892.00	3,073.89	78.81
32	☐	J-1254	9.23	3,000.00	3,162.99	70.62
33	☐	J-1268	9.23	3,200.00	3,301.00	43.76
34	☐	J-1269	9.23	3,200.00	3,301.00	43.76
35	☐	J-126FH	9.23	2,901.00	3,074.19	75.04
36	☐	J-127	9.23	2,901.00	3,074.26	75.07
37	☐	J-1273	9.23	2,823.00	3,007.70	80.03
38	☐	J-128FH	9.23	2,935.00	3,076.06	61.12
39	☐	J-129	9.23	2,899.00	3,073.82	75.75
40	☐	J-13	9.23	2,751.00	2,985.35	101.54
41	☐	J-130	9.23	2,932.00	3,076.05	62.42
42	☐	J-131FH	9.23	2,901.00	3,073.50	74.74
43	☐	J-132FH	9.23	2,925.00	3,075.99	65.42
44	☐	J-133FH	9.23	2,903.00	3,073.23	73.76
45	☐	J-134FH	9.23	2,927.00	3,075.99	64.56
46	☐	J-135	9.23	2,905.00	3,072.97	72.78
47	☐	J-136FH	9.23	2,910.00	3,072.64	70.47
48	☐	J-137	9.23	2,901.00	3,072.61	74.36
49	☐	J-138FH	9.23	2,902.00	3,072.60	73.92
50	☐	J-139FH	9.23	2,877.00	3,072.57	84.74

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
51	☐	J-140	9.23	2,885.00	3,071.73	80.91
52	☐	J-141FH	9.23	2,900.00	3,071.73	74.41
53	☐	J-142	9.23	2,885.00	3,071.67	80.89
54	☐	J-143FH	9.23	2,890.00	3,071.48	78.64
55	☐	J-144FH	9.23	2,897.00	3,070.27	75.08
56	☐	J-145FH	9.23	2,889.00	3,070.00	78.43
57	☐	J-146	9.23	2,888.00	3,070.12	78.91
58	☐	J-147FH	9.23	2,891.00	3,069.50	77.34
59	☐	J-148	9.23	2,908.00	3,071.84	70.99
60	☐	J-149FH	9.23	2,905.00	3,070.39	71.66
61	☐	J-14FH	9.23	2,750.00	2,930.70	78.30
62	☐	J-150	9.23	2,909.00	3,070.57	70.01
63	☐	J-151FH	9.23	2,893.00	3,070.33	76.84
64	☐	J-152	9.23	2,874.00	3,002.78	55.80
65	☐	J-153FH	9.23	2,892.50	3,069.74	76.80
66	☐	J-154	9.23	2,892.00	3,069.74	77.02
67	☐	J-155	9.23	2,894.00	3,069.94	76.23
68	☐	J-156FH	9.23	2,894.00	3,069.97	76.25
69	☐	J-157	9.23	2,870.00	3,069.95	86.64
70	☐	J-158FH	9.23	2,900.00	3,070.13	73.72
71	☐	J-159	9.23	2,896.00	3,070.13	75.45
72	☐	J-15FH	9.23	2,753.00	2,930.70	77.00
73	☐	J-160FH	9.23	2,903.50	3,070.30	72.27
74	☐	J-161FH	9.23	2,897.00	3,070.26	75.07
75	☐	J-162FH	9.23	2,880.00	3,069.97	82.31
76	☐	J-163	9.23	2,885.00	3,070.07	80.19
77	☐	J-164FH	9.23	2,910.00	3,070.91	69.72
78	☐	J-165FH	9.23	2,915.00	3,071.06	67.62
79	☐	J-166	9.23	2,915.00	3,071.46	67.79
80	☐	J-167FH	9.23	2,909.00	3,072.15	70.69
81	☐	J-168FH	9.23	2,917.00	3,072.43	67.35
82	☐	J-169FH	9.23	2,921.00	3,075.98	67.15
83	☐	J-16FH	9.23	2,640.00	2,930.06	125.68
84	☐	J-170FH	9.23	2,917.00	3,075.13	68.52
85	☐	J-171	9.23	2,916.00	3,071.61	67.42
86	☐	J-172	9.23	2,909.00	3,072.15	70.69
87	☐	J-173FH	9.23	2,920.00	3,071.60	65.69
88	☐	J-174	9.23	2,921.00	3,071.41	65.17
89	☐	J-175FH	9.23	2,915.00	3,072.19	68.11
90	☐	J-176	9.23	2,915.00	3,072.18	68.11
91	☐	J-177FH	9.23	2,929.00	3,075.42	63.44
92	☐	J-178	9.23	2,920.00	3,073.24	66.40
93	☐	J-179	9.23	2,920.00	3,073.38	66.46
94	☐	J-17FH	9.23	2,638.00	2,930.04	126.54
95	☐	J-18	9.23	2,637.00	2,930.04	126.97
96	☐	J-180	9.23	2,933.00	3,075.78	61.87
97	☐	J-181	9.23	2,915.00	3,073.76	68.79
98	☐	J-182	9.23	2,915.00	3,073.79	68.80
99	☐	J-183FH	9.23	2,915.00	3,073.78	68.80
100	☐	J-184FH	9.23	2,915.00	3,073.22	68.56

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
101	☐	J-185	9.23	2,920.00	3,073.99	66.72
102	☐	J-186FH	9.23	2,910.00	3,074.36	71.22
103	☐	J-187	9.23	2,915.00	3,073.33	68.61
104	☐	J-188	9.23	2,909.00	3,074.90	71.88
105	☐	J-189FH	9.23	2,915.00	3,076.92	70.16
106	☐	J-191	9.23	2,915.00	3,073.28	68.58
107	☐	J-192	9.23	2,910.00	3,073.26	70.74
108	☐	J-193FH	9.23	2,917.00	3,073.28	67.72
109	☐	J-194	9.23	2,917.00	3,070.77	66.63
110	☐	J-195	9.23	2,916.50	3,070.77	66.85
111	☐	J-196	9.23	2,909.00	3,070.63	70.03
112	☐	J-197	9.23	2,908.00	3,070.62	70.47
113	☐	J-198FH	9.23	2,900.00	3,070.55	73.90
114	☐	J-199	9.23	2,902.00	3,070.65	73.08
115	☐	J-19FH	9.23	2,636.00	2,930.03	127.40
116	☐	J-1FH	9.23	2,720.00	2,929.70	90.86
117	☐	J-2	9.23	2,720.00	2,929.70	90.86
118	☐	J-200	9.23	2,895.00	3,070.28	75.95
119	☐	J-201	9.23	2,890.00	3,070.20	78.08
120	☐	J-202	9.23	2,892.00	3,070.19	77.21
121	☐	J-203	9.23	2,883.00	3,070.18	81.10
122	☐	J-204FH	9.23	2,880.00	3,070.07	82.36
123	☐	J-205	9.23	2,885.00	3,070.30	80.29
124	☐	J-206	9.23	2,890.00	3,070.44	78.19
125	☐	J-207	9.23	2,883.00	3,070.27	81.14
126	☐	J-208	9.23	2,939.00	3,076.17	59.43
127	☐	J-209	9.23	2,825.00	3,006.07	78.46
128	☐	J-20FH	9.23	2,745.00	2,931.00	80.59
129	☐	J-21	9.23	2,745.00	2,930.57	80.41
130	☐	J-210	9.23	2,937.00	3,075.98	60.22
131	☐	J-211FH	9.23	2,830.00	3,006.07	76.29
132	☐	J-212FH	9.23	2,824.00	3,006.07	78.89
133	☐	J-213	9.23	2,825.00	3,009.83	80.09
134	☐	J-214FH	9.23	2,835.00	3,009.83	75.75
135	☐	J-215FH	9.23	2,825.00	3,009.83	80.09
136	☐	J-216	9.23	2,830.00	3,014.29	79.85
137	☐	J-217	9.23	2,830.00	3,017.05	81.05
138	☐	J-218FH	9.23	2,838.00	3,014.29	76.39
139	☐	J-219	9.23	2,830.00	3,014.28	79.85
140	☐	J-22	9.23	2,920.00	3,075.20	67.25
141	☐	J-220	9.23	2,924.00	3,076.61	66.12
142	☐	J-221FH	9.23	2,748.00	2,930.93	79.26
143	☐	J-222FH	9.23	2,732.00	2,931.38	86.39
144	☐	J-223	9.23	2,720.00	2,930.87	91.37
145	☐	J-224	9.23	2,750.00	2,931.21	78.52
146	☐	J-225FH	9.23	2,752.00	2,931.05	77.58
147	☐	J-226	9.23	2,740.00	2,930.94	82.74
148	☐	J-227FH	9.23	2,845.00	2,993.11	64.18
149	☐	J-228	9.23	2,755.00	2,931.05	76.28
150	☐	J-229FH	9.23	2,753.00	2,930.89	77.08

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
151	☐	J-23	9.23	2,751.00	2,988.17	102.77
152	☐	J-230	9.23	2,755.00	2,930.89	76.21
153	☐	J-231	9.23	2,750.00	2,930.85	78.36
154	☐	J-232FH	9.23	2,755.00	2,930.79	76.17
155	☐	J-233	9.23	2,750.00	2,930.80	78.34
156	☐	J-234	9.23	2,770.00	2,930.76	69.66
157	☐	J-235FH	9.23	2,765.00	2,930.70	71.80
158	☐	J-236	9.23	2,768.00	2,930.69	70.50
159	☐	J-237	9.23	2,765.00	2,930.68	71.79
160	☐	J-238	9.23	2,778.00	2,930.65	66.14
161	☐	J-24	9.23	2,800.00	2,990.20	82.41
162	☐	J-240	9.23	2,778.00	2,930.64	66.14
163	☐	J-241	9.23	2,780.00	2,930.11	65.04
164	☐	J-242	9.23	2,760.00	2,930.55	73.90
165	☐	J-243	9.23	2,924.00	3,075.80	65.78
166	☐	J-244	9.23	2,770.00	2,930.55	69.56
167	☐	J-245	9.23	2,770.00	2,930.55	69.56
168	☐	J-246	9.23	2,878.00	3,002.76	54.06
169	☐	J-247FH	9.23	2,857.50	2,997.18	60.52
170	☐	J-248	9.23	2,920.00	3,078.29	68.59
171	☐	J-249	9.23	2,920.00	3,078.56	68.70
172	☐	J-250FH	9.23	2,750.00	2,930.80	78.34
173	☐	J-251	9.23	2,750.00	2,930.80	78.34
174	☐	J-252	9.23	2,750.00	2,930.81	78.34
175	☐	J-253	9.23	2,745.00	2,930.80	80.51
176	☐	J-254	9.23	2,735.00	2,930.24	84.60
177	☐	J-255FH	9.23	2,728.00	2,930.17	87.60
178	☐	J-256	9.23	2,728.00	2,930.15	87.59
179	☐	J-257	9.23	2,725.00	2,929.71	88.70
180	☐	J-258FH	9.23	2,735.00	2,929.61	84.33
181	☐	J-259	9.23	2,735.00	2,929.52	84.28
182	☐	J-25FH	9.23	2,758.00	2,989.39	100.26
183	☐	J-26	9.23	2,760.00	2,989.39	99.39
184	☐	J-260FH	9.23	2,735.00	2,929.48	84.27
185	☐	J-261	9.23	2,735.00	2,929.47	84.26
186	☐	J-262	9.23	2,735.00	2,929.46	84.26
187	☐	J-263	9.23	2,720.00	2,929.43	90.75
188	☐	J-264	9.23	2,710.00	2,929.35	95.04
189	☐	J-265	9.23	2,700.00	2,929.04	99.24
190	☐	J-266FH	9.23	2,700.00	2,929.03	99.24
191	☐	J-267FH	9.23	2,751.00	2,934.38	79.46
192	☐	J-268	9.23	2,700.00	2,929.16	99.30
193	☐	J-269FH	9.23	2,700.00	2,929.16	99.29
194	☐	J-27	9.23	2,770.00	2,990.18	95.40
195	☐	J-270FH	9.23	2,700.00	2,929.35	99.38
196	☐	J-271FH	9.23	2,735.00	2,929.48	84.27
197	☐	J-272	9.23	2,824.00	3,004.74	78.32
198	☐	J-273FH	9.23	2,705.00	2,929.58	97.31
199	☐	J-274FH	9.23	2,705.00	2,929.59	97.32
200	☐	J-275FH	9.23	2,785.00	2,987.92	87.92

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
201	☐	J-277	9.23	2,920.00	3,076.92	67.99
202	☐	J-278FH	9.23	2,740.00	2,931.43	82.95
203	☐	J-279FH	9.23	2,730.00	2,930.83	87.02
204	☐	J-28	9.23	2,807.00	2,992.06	80.19
205	☐	J-280FH	9.23	2,741.00	2,930.36	82.05
206	☐	J-281FH	9.23	2,703.00	2,929.60	98.19
207	☐	J-282	9.23	2,720.00	2,929.68	90.85
208	☐	J-283FH	9.23	2,715.00	2,929.71	93.03
209	☐	J-284FH	9.23	2,720.00	2,929.93	90.96
210	☐	J-285	9.23	2,720.00	2,929.71	90.87
211	☐	J-286	9.23	2,720.00	2,929.94	90.97
212	☐	J-287	9.23	2,720.00	2,930.08	91.03
213	☐	J-288FH	9.23	2,720.00	2,929.70	90.86
214	☐	J-289	9.23	2,720.00	2,929.73	90.88
215	☐	J-290	9.23	2,720.00	2,929.73	90.88
216	☐	J-291FH	9.23	2,921.00	3,074.83	66.65
217	☐	J-292FH	9.23	2,705.00	2,929.64	97.34
218	☐	J-293FH	9.23	2,755.00	2,986.68	100.39
219	☐	J-294	9.23	2,913.00	3,076.79	70.97
220	☐	J-295	9.23	2,946.00	3,115.97	73.65
221	☐	J-296	9.23	2,990.00	3,124.09	58.10
222	☐	J-297FH	9.23	2,705.00	2,929.62	97.33
223	☐	J-298	9.23	2,760.00	2,930.59	73.92
224	☐	J-299	9.23	2,770.00	2,930.55	69.57
225	☐	J-29FH	9.23	2,815.00	2,992.97	77.11
226	☐	J-3	9.23	2,730.00	2,929.88	86.61
227	☐	J-300	9.23	2,915.00	3,076.92	70.16
228	☐	J-301FH	9.23	2,800.00	3,081.61	122.02
229	☐	J-302FH	9.23	2,705.00	2,929.62	97.33
230	☐	J-303FH	9.23	2,730.00	2,929.69	86.53
231	☐	J-304	9.23	3,000.00	3,153.89	66.68
232	☐	J-305FH	9.23	2,877.50	2,996.53	51.58
233	☐	J-306	9.23	2,877.50	3,069.80	83.32
234	☐	J-307FH	9.23	2,740.00	2,929.71	82.20
235	☐	J-308	9.23	3,042.00	3,088.18	20.01
236	☐	J-309	9.23	2,760.00	2,930.56	73.90
237	☐	J-30FH	9.23	2,816.00	2,993.85	77.06
238	☐	J-31	9.23	2,815.00	2,994.49	77.77
239	☐	J-310	9.23	2,930.00	3,076.23	63.36
240	☐	J-311	9.23	2,925.00	3,077.59	66.12
241	☐	J-312	9.23	2,870.00	3,075.44	89.02
242	☐	J-313	9.23	2,800.00	2,997.06	85.39
243	☐	J-314	9.23	2,780.00	2,996.75	93.92
244	☐	J-315FH	9.23	2,930.00	3,076.01	63.26
245	☐	J-316	9.23	2,843.00	2,993.11	65.04
246	☐	J-317FH	9.23	2,902.00	3,070.67	73.09
247	☐	J-318FH	9.23	2,922.00	3,078.17	67.67
248	☐	J-319FH	9.23	2,924.00	3,077.45	66.49
249	☐	J-32	9.23	2,800.00	2,996.10	84.97
250	☐	J-320	9.23	2,922.00	3,077.30	67.29

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
251	☐	J-321FH	9.23	2,924.00	3,076.81	66.21
252	☐	J-322FH	9.23	2,936.00	3,076.36	60.82
253	☐	J-323FH	9.23	2,930.00	3,076.49	63.47
254	☐	J-324FH	9.23	2,926.00	3,076.75	65.32
255	☐	J-325FH	9.23	2,924.00	3,076.98	66.29
256	☐	J-326FH	9.23	2,928.00	3,076.73	64.44
257	☐	J-327FH	9.23	2,928.00	3,076.61	64.39
258	☐	J-328FH	9.23	2,933.00	3,076.46	62.16
259	☐	J-329FH	9.23	2,934.00	3,076.43	61.72
260	☐	J-330	9.23	2,934.00	3,076.44	61.72
261	☐	J-331	9.23	2,923.00	3,076.80	66.64
262	☐	J-333	9.23	2,885.00	3,070.28	80.28
263	☐	J-334	9.23	2,885.00	3,070.28	80.28
264	☐	J-335	9.23	2,745.00	2,931.03	80.61
265	☐	J-336	9.23	2,745.00	2,931.03	80.61
266	☐	J-33FH	9.23	2,820.00	2,995.20	75.91
267	☐	J-34	9.23	2,830.00	2,995.45	71.69
268	☐	J-35	9.23	2,827.00	2,994.37	72.52
269	☐	J-36	9.23	2,820.00	2,994.43	75.58
270	☐	J-37	9.23	2,825.00	2,993.83	73.15
271	☐	J-38FH	9.23	2,821.00	2,993.06	74.55
272	☐	J-39FH	9.23	2,836.00	2,994.27	68.58
273	☐	J-4	9.23	2,729.00	2,929.88	87.04
274	☐	J-40	9.23	2,839.00	2,994.25	67.27
275	☐	J-41	9.23	2,837.00	2,994.23	68.13
276	☐	J-42	9.23	2,835.00	2,993.87	68.84
277	☐	J-43	9.23	2,833.00	2,993.15	69.40
278	☐	J-44FH	9.23	2,805.00	2,992.12	81.08
279	☐	J-45	9.23	2,805.00	2,992.35	81.18
280	☐	J-46	9.23	2,780.00	2,992.11	91.91
281	☐	J-47	9.23	2,760.00	2,992.11	100.57
282	☐	J-48	9.23	2,780.00	2,992.11	91.91
283	☐	J-49	9.23	2,801.00	2,992.73	83.08
284	☐	J-5	9.23	2,751.00	2,930.12	77.61
285	☐	J-50	9.23	2,803.00	2,992.35	82.05
286	☐	J-51	9.23	2,800.00	2,992.73	83.51
287	☐	J-52	9.23	2,839.00	2,996.24	68.13
288	☐	J-53	9.23	2,842.00	2,995.94	66.70
289	☐	J-54	9.23	2,920.00	3,074.14	66.79
290	☐	J-55	9.23	2,842.00	2,995.79	66.64
291	☐	J-56	9.23	2,847.00	2,995.89	64.51
292	☐	J-57	9.23	2,850.00	2,995.89	63.21
293	☐	J-58	9.23	2,837.00	2,994.38	68.19
294	☐	J-59	9.23	2,860.00	3,081.61	96.02
295	☐	J-6	9.23	2,757.00	2,930.46	75.16
296	☐	J-61	9.23	2,847.00	2,994.35	63.85
297	☐	J-63FH	9.23	2,839.00	2,994.35	67.31
298	☐	J-64	9.23	2,839.00	2,994.14	67.22
299	☐	J-65	9.23	2,851.50	2,995.87	62.55
300	☐	J-66FH	9.23	2,847.00	2,995.50	64.35

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
301	☐	J-67	9.23	2,842.00	2,994.46	66.06
302	☐	J-68FH	9.23	2,839.00	2,994.14	67.22
303	☐	J-69FH	9.23	2,839.00	2,993.69	67.03
304	☐	J-7	9.23	2,754.00	2,930.09	76.30
305	☐	J-70	9.23	2,837.00	2,993.13	67.65
306	☐	J-71	9.23	2,839.50	2,993.78	66.85
307	☐	J-73FH	9.23	2,830.00	2,991.02	69.77
308	☐	J-74	9.23	2,843.00	2,994.03	65.44
309	☐	J-75	9.23	2,845.00	2,994.10	64.60
310	☐	J-76	9.23	2,849.00	2,994.19	62.91
311	☐	J-77FH	9.23	2,914.00	3,075.55	70.00
312	☐	J-78	9.23	2,940.00	3,076.23	59.03
313	☐	J-79	9.23	2,842.00	2,992.02	65.01
314	☐	J-80FH	9.23	2,940.00	3,076.18	59.01
315	☐	J-81FH	9.23	2,841.00	2,992.61	65.69
316	☐	J-82	9.23	2,921.00	3,075.98	67.15
317	☐	J-83	9.23	2,760.00	2,931.20	74.18
318	☐	J-84	9.23	2,760.00	2,983.42	96.81
319	☐	J-85FH	9.23	2,849.50	2,995.75	63.37
320	☐	J-86	9.23	2,851.50	2,995.74	62.50
321	☐	J-87	9.23	2,852.00	2,996.03	62.41
322	☐	J-88	9.23	2,854.00	2,996.24	61.63
323	☐	J-89	9.23	2,857.00	2,996.00	60.23
324	☐	J-8FH	9.23	2,752.00	2,930.09	77.17
325	☐	J-9	9.23	2,757.00	2,930.68	75.25
326	☐	J-90	9.23	2,857.00	2,996.00	60.23
327	☐	J-91	9.23	2,857.00	2,996.07	60.26
328	☐	J-92	9.23	2,861.00	2,996.36	58.65
329	☐	J-93FH	9.23	2,858.00	2,996.24	59.90
330	☐	J-94	9.23	2,857.00	2,996.54	60.46
331	☐	J-95	9.23	2,863.50	2,996.44	57.60
332	☐	J-956	9.23	2,847.00	3,023.57	76.51
333	☐	J-958	9.23	2,856.00	3,025.29	73.35
334	☐	J-96	9.23	2,863.00	2,996.44	57.82
335	☐	J-97FH	9.23	2,936.00	3,076.09	60.70
336	☐	J-98	9.23	2,866.75	2,996.53	56.23
337	☐	J-99	9.23	2,866.50	2,996.52	56.34
338	☐	J1000	9.23	2,903.00	3,076.29	75.09
339	☐	J1002	9.23	2,892.00	3,076.28	79.85
340	☐	J1004	9.23	2,939.00	3,076.21	59.45
341	☐	J1006	9.23	2,937.00	3,076.21	60.32
342	☐	J1008	9.23	2,940.00	3,076.21	59.02
343	☐	J100FH	9.23	2,933.00	3,077.10	62.44
344	☐	J1010	9.23	2,941.00	3,076.21	58.58
345	☐	J1012	9.23	2,941.00	3,076.21	58.59
346	☐	J1014	9.23	2,942.00	3,076.21	58.15
347	☐	J1016	9.23	2,943.00	3,076.21	57.72
348	☐	J1018	9.23	2,940.00	3,076.21	59.02
349	☐	J1020	9.23	2,944.00	3,076.20	57.28
350	☐	J1022	9.23	2,947.00	3,076.20	55.98

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
351	☐	J1024	9.23	2,941.00	3,076.20	58.58
352	☐	J1026	9.23	2,953.00	3,084.71	57.07
353	☐	J1028	9.23	2,868.00	3,084.72	93.91
354	☐	J102FH	9.23	2,936.00	3,076.05	60.68
355	☐	J1030	9.23	2,890.00	3,084.72	84.37
356	☐	J1032	9.23	2,873.00	3,084.72	91.74
357	☐	J1034	9.23	2,915.00	3,084.71	73.54
358	☐	J1036	9.23	2,761.00	2,931.84	74.02
359	☐	J1038	9.23	2,764.00	2,931.95	72.77
360	☐	J1040	9.23	2,764.00	2,931.87	72.74
361	☐	J1042	9.23	2,766.00	2,931.91	71.89
362	☐	J1044	9.23	2,768.00	2,931.89	71.01
363	☐	J1048	9.23	3,000.00	3,154.51	66.95
364	☐	J104FH	9.23	2,929.00	3,075.54	63.49
365	☐	J1050	9.23	2,861.00	3,048.14	81.09
366	☐	J1054	0.00	2,940.00	3,109.50	73.45
367	☐	J1056	0.00	2,929.50	3,076.59	63.73
368	☐	J1062	0.00	3,000.00	3,124.09	53.77
369	☐	J1068	0.00	3,138.90	3,165.37	11.47
370	☐	J106FH	9.23	2,923.00	3,075.38	66.03
371	☐	J108FH	9.23	2,921.00	3,075.63	67.00
372	☐	J10FH	9.23	2,845.00	3,020.80	76.18
373	☐	J110FH	9.23	2,914.00	3,075.36	69.92
374	☐	J112FH	9.23	2,934.00	3,076.24	61.63
375	☐	J114FH	9.23	2,932.00	3,075.79	62.30
376	☐	J116FH	9.23	2,925.00	3,075.22	65.09
377	☐	J118FH	9.23	2,929.00	3,076.52	63.92
378	☐	J12	9.23	2,845.00	3,020.92	76.22
379	☐	J120FH	9.23	2,930.00	3,075.80	63.17
380	☐	J122FH	9.23	2,930.00	3,075.24	62.93
381	☐	J124FH	9.23	2,922.00	3,074.99	66.29
382	☐	J126FH	9.23	2,899.00	3,075.50	76.48
383	☐	J128FH	9.23	2,902.00	3,074.26	74.64
384	☐	J130FH	9.23	2,881.00	3,075.46	84.26
385	☐	J132FH	9.23	2,887.00	3,074.39	81.20
386	☐	J134FH	9.23	2,894.00	3,074.00	77.99
387	☐	J136FH	9.23	2,898.00	3,073.82	76.18
388	☐	J138FH	9.23	2,924.00	3,073.79	64.90
389	☐	J140FH	9.23	2,920.00	3,073.22	66.39
390	☐	J142FH	9.23	2,923.00	3,073.19	65.08
391	☐	J144FH	9.23	2,808.00	3,081.61	118.55
392	☐	J146FH	9.23	2,810.00	3,081.61	117.69
393	☐	J148FH	9.23	2,816.00	3,081.61	115.09
394	☐	J14FH	9.23	2,845.00	3,020.61	76.09
395	☐	J150FH	9.23	2,868.00	3,081.61	92.56
396	☐	J152FH	9.23	2,932.00	3,072.84	61.03
397	☐	J154FH	9.23	2,929.00	3,074.33	62.97
398	☐	J156FH	9.23	2,929.00	3,073.89	62.78
399	☐	J158FH	9.23	2,928.00	3,073.97	63.25
400	☐	J16	9.23	2,849.00	3,020.59	74.35

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
401	☐	J160FH	9.23	2,912.00	3,070.73	68.78
402	☐	J162FH	9.23	2,918.00	3,072.01	66.73
403	☐	J164FH	9.23	2,911.00	3,071.68	69.62
404	☐	J166FH	9.23	2,911.00	3,072.93	70.16
405	☐	J168FH	9.23	2,905.00	3,073.20	72.88
406	☐	J170FH	9.23	2,882.00	3,073.44	82.95
407	☐	J172FH	9.23	2,884.00	3,072.94	81.87
408	☐	J174FH	9.23	2,877.00	3,072.39	84.66
409	☐	J176FH	9.23	2,881.00	3,072.04	82.78
410	☐	J178FH	9.23	2,888.00	3,071.67	79.58
411	☐	J180FH	9.23	2,880.00	3,071.41	82.94
412	☐	J182FH	9.23	2,863.00	3,071.36	90.28
413	☐	J184FH	9.23	2,863.00	3,069.81	89.61
414	☐	J186	9.23	2,788.00	2,930.55	61.77
415	☐	J188FH	9.23	2,775.00	2,930.55	67.40
416	☐	J18FH	9.23	2,844.00	3,020.58	76.51
417	☐	J190FH	9.23	2,893.00	3,070.27	76.81
418	☐	J192FH	9.23	2,766.00	2,930.55	71.30
419	☐	J194FH	9.23	2,780.00	2,930.55	65.23
420	☐	J196FH	9.23	2,763.00	2,930.57	72.61
421	☐	J198FH	9.23	2,776.00	2,930.56	66.97
422	☐	J200FH	9.23	2,783.00	2,930.63	63.97
423	☐	J202FH	9.23	2,760.00	2,930.68	73.96
424	☐	J204FH	9.23	2,777.00	2,930.76	66.62
425	☐	J206FH	9.23	2,889.00	3,070.47	78.63
426	☐	J208FH	9.23	2,879.00	3,070.20	82.85
427	☐	J20FH	9.23	2,850.00	3,020.58	73.91
428	☐	J210FH	9.23	2,892.00	3,070.23	77.23
429	☐	J212FH	9.23	2,881.00	3,070.01	81.90
430	☐	J214FH	9.23	2,738.00	2,930.80	83.54
431	☐	J216FH	9.23	2,743.00	2,930.97	81.45
432	☐	J218FH	9.23	2,722.00	2,930.87	90.51
433	☐	J22	9.23	2,852.00	3,020.58	73.05
434	☐	J220FH	9.23	2,725.00	2,930.88	89.21
435	☐	J222FH	9.23	2,732.00	2,930.89	86.18
436	☐	J224	9.23	2,730.00	2,930.88	87.04
437	☐	J226FH	9.23	2,736.00	2,930.88	84.44
438	☐	J228FH	9.23	2,738.00	2,930.79	83.53
439	☐	J230FH	9.23	2,747.00	2,931.23	79.83
440	☐	J232FH	9.23	2,723.00	2,930.15	89.76
441	☐	J234FH	9.23	2,728.00	2,930.15	87.59
442	☐	J236FH	9.23	2,738.00	2,930.63	83.47
443	☐	J238FH	9.23	2,745.00	2,931.09	80.63
444	☐	J240FH	9.23	2,720.00	2,930.06	91.02
445	☐	J242FH	9.23	2,742.00	2,930.75	81.79
446	☐	J244FH	9.23	2,755.00	2,986.03	100.10
447	☐	J246FH	9.23	2,835.00	3,014.28	77.68
448	☐	J248FH	9.23	2,740.00	2,930.20	82.41
449	☐	J24FH	9.23	2,842.00	3,020.58	77.38
450	☐	J250FH	9.23	2,749.00	2,930.96	78.84

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
451	☐	J252FH	9.23	2,743.00	2,930.86	81.40
452	☐	J254FH	9.23	2,743.00	2,930.84	81.39
453	☐	J256FH	9.23	2,804.00	2,992.48	81.67
454	☐	J258FH	9.23	2,778.00	2,992.11	92.77
455	☐	J260FH	9.23	2,797.00	2,991.26	84.17
456	☐	J262FH	9.23	2,796.00	2,990.19	84.14
457	☐	J264FH	9.23	2,799.00	2,989.69	82.62
458	☐	J266FH	9.23	2,812.00	2,993.09	78.47
459	☐	J268FH	9.23	2,810.00	2,992.76	79.19
460	☐	J26FH	9.23	2,849.00	3,020.58	74.35
461	☐	J270FH	9.23	2,807.00	2,991.81	80.08
462	☐	J272FH	9.23	2,824.00	2,994.63	73.93
463	☐	J274FH	9.23	2,804.00	2,994.81	82.68
464	☐	J276FH	9.23	2,818.00	2,993.15	75.89
465	☐	J278FH	9.23	2,824.00	2,993.94	73.63
466	☐	J28	9.23	2,922.00	3,076.92	67.13
467	☐	J280FH	9.23	2,819.00	2,993.84	75.76
468	☐	J282FH	9.23	2,841.00	2,995.92	67.13
469	☐	J284FH	9.23	2,843.00	2,995.88	66.24
470	☐	J286FH	9.23	2,844.00	2,995.92	65.83
471	☐	J288FH	9.23	2,849.00	2,996.05	63.72
472	☐	J290FH	9.23	2,794.00	2,985.16	82.83
473	☐	J292FH	9.23	2,856.00	2,995.26	60.34
474	☐	J294FH	9.23	2,845.00	2,994.08	64.60
475	☐	J296FH	9.23	2,843.00	2,994.22	65.52
476	☐	J298FH	9.23	2,852.00	2,996.18	62.47
477	☐	J300FH	9.23	2,875.00	3,007.99	57.63
478	☐	J302FH	9.23	2,871.00	3,004.70	57.93
479	☐	J304FH	9.23	2,872.00	3,002.76	56.66
480	☐	J306FH	9.23	2,864.00	2,996.53	57.43
481	☐	J308FH	9.23	2,858.00	2,996.46	59.99
482	☐	J310FH	9.23	2,752.00	2,931.29	77.69
483	☐	J312FH	9.23	2,739.00	2,929.85	82.69
484	☐	J314FH	9.23	2,743.00	2,930.64	81.30
485	☐	J316FH	9.23	2,734.00	2,930.32	85.07
486	☐	J318FH	9.23	2,720.00	2,929.94	90.97
487	☐	J320FH	9.23	2,716.00	2,929.83	92.65
488	☐	J322FH	9.23	2,721.00	2,929.82	90.48
489	☐	J324FH	9.23	2,727.00	2,929.86	87.90
490	☐	J326FH	9.23	2,729.00	2,929.76	86.99
491	☐	J328FH	9.23	2,736.00	2,929.56	83.87
492	☐	J330FH	9.23	2,727.00	2,929.54	87.76
493	☐	J332FH	9.23	2,736.00	2,929.59	83.88
494	☐	J334FH	9.23	2,739.00	2,929.67	82.62
495	☐	J336FH	9.23	2,733.00	2,930.22	85.45
496	☐	J338FH	9.23	2,725.00	2,929.67	88.68
497	☐	J340FH	9.23	2,739.00	2,930.22	82.85
498	☐	J342FH	9.23	2,728.00	2,929.92	87.49
499	☐	J344FH	9.23	2,736.00	2,930.22	84.15
500	☐	J346FH	9.23	2,740.00	2,930.22	82.42

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
501	☐	J348FH	9.23	2,746.00	2,930.47	79.93
502	☐	J34FH	9.23	2,922.00	3,077.48	67.37
503	☐	J350FH	9.23	2,746.00	2,930.49	79.94
504	☐	J352FH	9.23	2,735.00	2,930.09	84.53
505	☐	J354FH	9.23	2,749.00	2,930.68	78.72
506	☐	J356FH	9.23	2,721.00	2,930.08	90.59
507	☐	J358FH	9.23	2,733.00	2,930.11	85.41
508	☐	J36	9.23	2,906.00	3,072.71	72.23
509	☐	J360FH	9.23	2,705.00	2,929.09	97.10
510	☐	J362FH	9.23	2,705.00	2,929.25	97.17
511	☐	J364FH	9.23	2,718.00	2,929.47	91.63
512	☐	J366FH	9.23	2,721.00	2,929.47	90.33
513	☐	J368FH	9.23	2,717.00	2,929.45	92.05
514	☐	J370FH	9.23	2,731.00	2,929.53	86.02
515	☐	J372FH	9.23	2,731.00	2,929.55	86.03
516	☐	J374FH	9.23	2,704.00	2,929.60	97.75
517	☐	J376FH	9.23	2,705.00	2,929.63	97.33
518	☐	J380FH	9.23	2,947.00	3,076.18	55.98
519	☐	J382FH	9.23	2,948.00	3,076.18	55.54
520	☐	J384FH	9.23	2,945.00	3,076.18	56.84
521	☐	J388	9.23	2,946.00	3,076.18	56.41
522	☐	J38FH	9.23	2,913.00	3,070.90	68.42
523	☐	J392	9.23	2,952.00	3,076.18	53.81
524	☐	J394	9.23	2,945.00	3,076.18	56.84
525	☐	J396	9.23	2,942.00	3,076.19	58.15
526	☐	J398FH	9.23	2,943.00	3,076.19	57.71
527	☐	J40	9.23	2,916.00	3,071.21	67.25
528	☐	J400	9.23	2,902.00	3,076.04	75.41
529	☐	J402FH	9.23	2,912.00	3,075.96	71.04
530	☐	J404FH	9.23	2,917.00	3,075.90	68.85
531	☐	J406FH	9.23	2,921.00	3,076.02	67.17
532	☐	J408	9.23	2,918.00	3,076.02	68.47
533	☐	J410FH	9.23	2,922.00	3,076.01	66.73
534	☐	J412FH	9.23	2,929.00	3,076.01	63.70
535	☐	J414	9.23	2,928.00	3,077.60	64.82
536	☐	J416FH	9.23	2,928.00	3,078.13	65.05
537	☐	J418FH	9.23	2,926.00	3,078.13	65.92
538	☐	J420FH	9.23	2,918.00	3,078.32	69.46
539	☐	J422FH	9.23	2,928.00	3,077.91	64.96
540	☐	J424FH	9.23	2,928.00	3,077.87	64.94
541	☐	J426FH	9.23	2,927.00	3,077.85	65.36
542	☐	J42FH	9.23	2,919.00	3,071.21	65.95
543	☐	J430	9.23	2,923.00	3,078.30	67.29
544	☐	J432	9.23	2,924.00	3,078.29	66.85
545	☐	J434FH	9.23	2,926.00	3,078.30	65.99
546	☐	J436	9.23	2,922.00	3,078.29	67.72
547	☐	J438	9.23	2,923.00	3,078.29	67.29
548	☐	J440FH	9.23	2,925.00	3,077.84	66.23
549	☐	J442FH	9.23	2,926.00	3,077.97	65.85
550	☐	J444FH	9.23	2,930.00	3,077.30	63.83

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
551	☐	J446	9.23	2,909.00	3,078.85	73.59
552	☐	J448	9.23	2,923.00	3,078.32	67.30
553	☐	J44FH	9.23	2,918.00	3,070.89	66.25
554	☐	J450FH	9.23	2,918.00	3,076.45	68.66
555	☐	J452FH	9.23	2,915.00	3,076.26	69.87
556	☐	J454	9.23	2,841.00	2,994.23	66.39
557	☐	J456FH	9.23	2,706.00	2,928.96	96.61
558	☐	J458FH	9.23	2,709.00	2,928.96	95.31
559	☐	J46	9.23	2,896.00	3,070.67	75.69
560	☐	J460FH	9.23	2,713.00	2,928.96	93.57
561	☐	J462FH	9.23	2,713.00	2,928.97	93.58
562	☐	J464	9.23	2,711.00	2,928.97	94.44
563	☐	J466	9.23	2,707.00	2,928.96	96.17
564	☐	J468	9.23	2,712.00	2,928.96	94.01
565	☐	J470	9.23	2,712.00	2,929.00	94.02
566	☐	J472	9.23	2,712.00	2,928.96	94.01
567	☐	J474	9.23	2,712.00	2,928.97	94.01
568	☐	J476	9.23	2,815.00	3,084.61	116.82
569	☐	J478FH	9.23	2,816.00	3,084.61	116.39
570	☐	J48	9.23	2,900.00	3,070.28	73.78
571	☐	J480FH	9.23	2,796.00	3,084.63	125.06
572	☐	J482FH	9.23	2,796.00	3,084.65	125.07
573	☐	J484FH	9.23	2,811.00	3,084.68	118.59
574	☐	J486FH	9.23	2,840.00	3,084.72	106.04
575	☐	J488FH	9.23	2,820.00	3,084.71	114.70
576	☐	J490FH	9.23	2,818.00	3,084.71	115.57
577	☐	J492FH	9.23	2,820.00	3,084.71	114.70
578	☐	J494FH	9.23	2,818.00	3,084.71	115.57
579	☐	J496FH	9.23	2,815.00	3,084.72	116.87
580	☐	J500FH	9.23	2,823.00	3,084.72	113.41
581	☐	J508FH	9.23	2,847.00	3,084.73	103.01
582	☐	J50FH	9.23	2,695.00	2,929.60	101.65
583	☐	J510FH	9.23	2,856.00	3,084.73	99.11
584	☐	J512	9.23	2,872.00	3,084.73	92.18
585	☐	J514FH	9.23	2,869.00	3,084.74	93.48
586	☐	J516	9.23	2,867.00	3,084.75	94.35
587	☐	J518FH	9.23	2,865.00	3,084.77	95.22
588	☐	J52	9.23	2,742.00	2,930.22	81.56
589	☐	J522FH	9.23	2,824.00	3,084.73	112.97
590	☐	J524	9.23	2,815.00	3,084.72	116.87
591	☐	J526FH	9.23	2,840.00	3,084.74	106.04
592	☐	J528FH	9.23	2,854.00	3,084.75	99.98
593	☐	J532FH	9.23	2,858.00	3,084.78	98.26
594	☐	J534	9.23	2,860.00	3,084.79	97.40
595	☐	J54	9.23	2,738.00	2,930.22	83.29
596	☐	J540	9.23	2,927.00	3,077.91	65.39
597	☐	J546	9.23	2,760.00	3,109.45	151.42
598	☐	J548	9.23	2,760.00	3,099.40	147.06
599	☐	J550	9.23	2,760.00	3,083.33	140.10
600	☐	J552	9.23	2,760.00	3,078.90	138.18

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
601	☐	J554	9.23	2,760.00	3,030.48	117.20
602	☐	J556	9.23	2,760.00	3,067.09	133.06
603	☐	J558	9.23	2,760.00	3,096.16	145.66
604	☐	J560	9.23	2,875.00	3,065.55	82.57
605	☐	J562	9.23	2,865.00	3,066.44	87.28
606	☐	J564	9.23	2,820.00	2,991.00	74.09
607	☐	J566FH	9.23	2,922.00	3,076.69	67.03
608	☐	J568FH	9.23	2,928.00	3,076.59	64.39
609	☐	J56FH	9.23	2,740.00	2,929.91	82.29
610	☐	J570FH	9.23	2,929.00	3,076.59	63.95
611	☐	J572	9.23	2,939.00	3,076.45	59.56
612	☐	J574	9.23	2,937.00	3,076.49	60.44
613	☐	J576	9.23	2,942.00	3,076.41	58.24
614	☐	J578	9.23	2,940.00	3,076.42	59.11
615	☐	J580FH	9.23	2,939.00	3,076.42	59.54
616	☐	J582	9.23	2,922.00	3,076.67	67.02
617	☐	J584FH	9.23	2,842.00	3,084.74	105.18
618	☐	J586	9.23	2,865.00	3,084.75	95.22
619	☐	J588	9.23	2,857.00	3,084.77	98.69
620	☐	J58FH	9.23	2,734.00	2,929.80	84.84
621	☐	J590FH	9.23	2,833.00	3,084.74	109.08
622	☐	J594FH	9.23	2,826.00	3,084.74	112.11
623	☐	J596FH	9.23	2,803.00	3,084.71	122.07
624	☐	J60	9.23	2,728.00	2,929.76	87.42
625	☐	J600FH	9.23	2,846.00	3,084.74	103.45
626	☐	J602	9.23	2,846.00	3,084.74	103.45
627	☐	J604	9.23	2,945.00	3,076.34	56.91
628	☐	J606FH	9.23	2,950.00	3,076.26	54.71
629	☐	J608	9.23	2,943.00	3,076.34	57.78
630	☐	J610FH	9.23	2,936.00	3,076.55	60.90
631	☐	J612FH	9.23	2,931.00	3,076.62	63.10
632	☐	J614	9.23	2,931.00	3,076.57	63.08
633	☐	J616	9.23	2,933.00	3,076.56	62.20
634	☐	J618	9.23	3,143.00	3,300.99	68.46
635	☐	J62	9.23	2,723.00	2,929.76	89.59
636	☐	J620	9.23	2,865.00	2,996.52	56.99
637	☐	J622FH	9.23	2,826.00	3,005.94	77.97
638	☐	J624FH	9.23	2,835.00	3,005.93	74.06
639	☐	J626FH	9.23	2,805.00	3,001.62	85.20
640	☐	J630FH	9.23	2,825.00	3,005.92	78.39
641	☐	J634FH	9.23	2,831.00	3,005.92	75.79
642	☐	J638FH	9.23	2,790.00	2,999.77	90.89
643	☐	J64	9.23	2,742.00	2,929.62	81.30
644	☐	J640FH	9.23	2,930.00	3,076.56	63.50
645	☐	J642FH	9.23	2,929.00	3,076.58	63.95
646	☐	J646FH	9.23	2,934.00	3,076.56	61.77
647	☐	J648FH	9.23	2,799.00	2,930.55	57.00
648	☐	J650FH	9.23	2,790.00	2,930.55	60.90
649	☐	J652FH	9.23	2,774.00	2,930.55	67.83
650	☐	J654FH	9.23	2,772.00	2,930.53	68.69

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
651	☐	J656FH	9.23	2,779.00	2,930.53	65.66
652	☐	J658FH	9.23	2,784.00	2,930.54	63.49
653	☐	J660FH	9.23	2,774.00	2,930.53	67.82
654	☐	J662FH	9.23	2,765.00	2,930.53	71.72
655	☐	J664FH	9.23	2,784.00	2,930.53	63.49
656	☐	J666FH	9.23	2,792.00	2,930.54	60.03
657	☐	J668	9.23	2,805.00	2,930.53	54.39
658	☐	J66FH	9.23	2,733.00	2,929.51	85.15
659	☐	J670	9.23	2,746.42	2,930.94	79.95
660	☐	J672FH	9.23	2,747.00	2,930.94	79.70
661	☐	J674	9.23	2,931.48	3,076.17	62.70
662	☐	J676FH	9.23	2,935.42	3,076.17	60.99
663	☐	J678FH	9.23	2,934.28	3,076.17	61.48
664	☐	J680FH	9.23	2,931.09	3,076.17	62.86
665	☐	J682	9.23	2,926.25	3,076.17	64.96
666	☐	J684FH	9.23	2,930.42	3,076.17	63.15
667	☐	J686FH	9.23	2,929.00	3,076.17	63.77
668	☐	J688	9.23	2,924.95	3,076.17	65.52
669	☐	J68FH	9.23	2,743.00	2,929.48	80.80
670	☐	J690	9.23	2,925.00	3,076.17	65.50
671	☐	J692FH	9.23	2,932.10	3,076.17	62.42
672	☐	J694	9.23	2,923.00	3,076.17	66.37
673	☐	J696	9.23	2,935.00	3,076.28	61.22
674	☐	J698	9.23	2,929.52	3,076.23	63.57
675	☐	J700FH	9.23	2,936.95	3,076.23	60.35
676	☐	J702	9.23	2,925.68	3,076.18	65.21
677	☐	J704FH	9.23	2,926.37	3,076.18	64.91
678	☐	J706FH	9.23	2,934.71	3,076.18	61.30
679	☐	J708FH	9.23	2,930.45	3,076.23	63.17
680	☐	J70FH	9.23	2,731.00	2,929.52	86.02
681	☐	J710FH	9.23	2,935.73	3,076.27	60.90
682	☐	J712	9.23	2,721.80	2,930.15	90.28
683	☐	J714FH	9.23	2,726.17	2,930.15	88.38
684	☐	J716	9.23	2,720.00	2,930.15	91.06
685	☐	J718FH	9.23	2,723.42	2,930.15	89.58
686	☐	J72	9.23	2,724.00	2,930.15	89.33
687	☐	J720FH	9.23	2,781.00	2,998.01	94.03
688	☐	J724	9.23	2,934.00	3,076.41	61.70
689	☐	J728	9.23	2,932.00	3,076.40	62.57
690	☐	J730FH	9.23	2,932.00	3,076.40	62.57
691	☐	J732	9.23	2,930.00	3,076.42	63.44
692	☐	J736	9.23	2,922.00	3,076.52	66.95
693	☐	J738FH	9.23	2,924.00	3,076.49	66.07
694	☐	J74	9.23	2,911.00	3,074.26	70.74
695	☐	J740FH	9.23	2,916.00	3,076.61	69.59
696	☐	J742FH	9.23	2,938.00	3,076.38	59.96
697	☐	J744	9.23	2,942.00	3,076.36	58.22
698	☐	J746	9.23	2,944.00	3,076.21	57.29
699	☐	J748	9.23	2,950.00	3,076.21	54.69
700	☐	J750FH	9.23	2,941.00	3,076.21	58.58

Peak Instantaneous Demand

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
701	☐	J752	9.23	2,946.00	3,076.20	56.42
702	☐	J754	9.23	2,944.00	3,076.21	57.29
703	☐	J756	9.23	2,948.00	3,076.26	55.57
704	☐	J758	9.23	2,952.00	3,076.26	53.84
705	☐	J76	9.23	2,886.00	3,074.55	81.70
706	☐	J774	9.23	2,738.00	2,929.52	82.99
707	☐	J776	9.23	2,736.00	2,929.52	83.85
708	☐	J778	9.23	2,771.00	2,930.53	69.13
709	☐	J780	9.23	2,770.00	2,930.53	69.56
710	☐	J782	9.23	2,812.00	2,994.64	79.14
711	☐	J784FH	9.23	2,774.00	2,930.54	67.83
712	☐	J786FH	9.23	2,781.00	2,997.75	93.92
713	☐	J788FH	9.23	2,921.00	3,075.98	67.15
714	☐	J78FH	9.23	2,932.00	3,075.81	62.31
715	☐	J790FH	9.23	2,926.00	3,076.44	65.18
716	☐	J792	9.23	2,943.00	3,076.22	57.73
717	☐	J794	9.23	2,907.00	3,077.53	73.89
718	☐	J796	9.23	2,889.00	3,076.28	81.15
719	☐	J802	9.23	2,774.00	2,930.55	67.83
720	☐	J804	9.23	2,799.00	3,084.60	123.75
721	☐	J80FH	9.23	2,925.00	3,075.23	65.09
722	☐	J814	9.23	2,981.00	3,147.86	72.30
723	☐	J816	9.23	2,963.00	3,076.25	49.07
724	☐	J818	9.23	2,954.00	3,076.25	52.97
725	☐	J82FH	9.23	2,917.00	3,074.65	68.31
726	☐	J838	9.23	3,004.53	3,154.46	64.97
727	☐	J84FH	9.23	2,922.00	3,074.65	66.14
728	☐	J86	9.23	2,925.00	3,075.22	65.09
729	☐	J88	9.23	2,916.00	3,073.33	68.17
730	☐	J90	9.23	2,922.00	3,075.22	66.39
731	☐	J92FH	9.23	2,948.00	3,076.52	55.69
732	☐	J942	9.23	2,907.00	3,076.45	73.42
733	☐	J946	9.23	2,983.37	3,150.38	72.36
734	☐	J948	9.23	2,946.00	3,109.50	70.85
735	☐	J94FH	9.23	2,950.00	3,076.21	54.69
736	☐	J954	9.23	2,847.00	3,022.70	76.13
737	☐	J960	9.23	2,851.00	3,024.14	75.02
738	☐	J962	9.23	2,855.00	3,024.98	73.65
739	☐	J964	9.23	2,861.00	3,026.14	71.56
740	☐	J966	9.23	2,861.00	3,026.93	71.90
741	☐	J968	9.23	2,915.00	3,076.79	70.10
742	☐	J96FH	9.23	2,941.00	3,076.40	58.67
743	☐	J970	9.23	2,924.00	3,076.67	66.15
744	☐	J972	9.23	2,917.00	3,076.96	69.31
745	☐	J974	9.23	2,919.00	3,076.79	68.37
746	☐	J976	9.23	2,926.00	3,076.67	65.28
747	☐	J978	9.23	2,934.00	3,078.61	62.66
748	☐	J980	9.23	2,934.00	3,078.50	62.61
749	☐	J982	9.23	2,928.00	3,078.25	65.10
750	☐	J984	9.23	2,944.00	3,089.78	63.17

		ID	Demand (gpm)	Elevation (ft)	Head (ft)	Pressure (psi)
751	☐	J986	9.23	2,923.00	3,081.88	68.84
752	☐	J988	9.23	2,921.00	3,079.23	68.56
753	☐	J98FH	9.23	2,936.00	3,076.86	61.04
754	☐	J990	9.23	2,916.00	3,078.10	70.24
755	☐	J992	9.23	2,923.00	3,077.59	66.98
756	☐	J994	9.23	2,946.00	3,109.91	71.02
757	☐	J996	9.23	2,910.00	3,076.42	72.11
758	☐	J998	9.23	2,908.00	3,076.27	72.91

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
1	☐	J-100FH	51.73	2,995.39	1,250.00	48.14	4,018.22
2	☐	J-102FH	86.00	3,066.48	1,250.00	77.72	6,622.10
3	☐	J-103FH	84.81	3,066.72	1,250.00	76.22	5,765.79
4	☐	J-105FH	83.15	3,066.89	1,250.00	74.52	5,453.24
5	☐	J-106FH	81.71	3,065.58	1,250.00	72.60	6,058.99
6	☐	J-107FH	57.80	3,069.40	1,250.00	49.85	3,764.46
7	☐	J-109FH	83.09	3,066.76	1,250.00	74.69	5,679.39
8	☐	J-10FH	82.80	2,932.09	1,250.00	76.98	4,155.00
9	☐	J-110	81.41	3,066.89	1,250.00	71.58	4,504.34
10	☐	J-111	72.62	3,067.10	1,250.00	63.26	4,254.65
11	☐	J-112	81.50	3,067.09	1,250.00	19.05	1,247.42
12	☐	J-113	79.16	3,067.69	1,250.00	71.54	5,784.80
13	☐	J-115	79.04	3,067.42	1,250.00	58.45	2,374.33
14	☐	J-116FH	81.07	3,068.09	1,250.00	73.81	6,109.61
15	☐	J-117	73.89	3,067.53	1,250.00	66.38	5,615.20
16	☐	J-118FH	76.57	3,067.72	1,250.00	69.42	6,134.48
17	☐	J-119FH	77.52	3,067.91	1,250.00	68.70	4,658.88
18	☐	J-11FH	83.08	2,931.73	1,250.00	76.43	3,983.18
19	☐	J-12	72.54	2,933.41	1,250.00	70.12	4,573.51
20	☐	J-120	78.46	3,068.07	1,250.00	70.62	5,417.31
21	☐	J-121	82.43	3,068.23	1,250.00	75.31	6,305.91
22	☐	J-122FH	81.59	3,068.30	1,250.00	74.68	6,495.11
23	☐	J-123	85.89	3,068.23	1,250.00	66.03	2,577.70
24	☐	J-124	76.31	3,068.10	1,250.00	66.20	3,964.05
25	☐	J-125	76.31	3,068.10	1,250.00	61.93	2,941.61
26	☐	J-126FH	72.48	3,068.28	1,250.00	65.88	6,232.66
27	☐	J-127	72.49	3,068.30	1,250.00	64.93	5,237.13
28	☐	J-128FH	58.23	3,069.40	1,250.00	50.26	3,781.18
29	☐	J-129	73.26	3,068.08	1,250.00	66.29	5,852.70
30	☐	J-131FH	72.33	3,067.92	1,250.00	65.36	5,840.20
31	☐	J-132FH	62.55	3,069.36	1,250.00	52.58	3,299.41
32	☐	J-133FH	71.41	3,067.80	1,250.00	64.80	6,381.23
33	☐	J-134FH	61.69	3,069.36	1,250.00	47.37	2,451.24
34	☐	J-135	70.49	3,067.69	1,250.00	63.86	6,350.92
35	☐	J-136FH	68.26	3,067.53	1,250.00	61.42	5,928.19

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
36	☐	J-137	72.14	3,067.49	1,250.00	64.18	5,065.44
37	☐	J-138FH	71.71	3,067.49	1,250.00	49.06	2,059.40
38	☐	J-139FH	82.52	3,067.44	1,250.00	74.33	5,533.45
39	☐	J-140	78.79	3,066.85	1,250.00	69.33	4,491.07
40	☐	J-141FH	72.29	3,066.84	1,250.00	43.59	1,790.13
41	☐	J-142	78.78	3,066.81	1,250.00	69.96	4,993.10
42	☐	J-143FH	76.59	3,066.76	1,250.00	69.33	6,682.80
43	☐	J-144FH	73.36	3,066.31	1,250.00	65.27	5,933.36
44	☐	J-145FH	76.72	3,066.05	1,250.00	68.21	5,948.47
45	☐	J-147FH	75.90	3,066.17	1,250.00	67.32	5,507.36
46	☐	J-149FH	69.94	3,066.42	1,250.00	61.91	5,567.47
47	☐	J-14FH	79.25	2,932.91	1,250.00	72.39	3,943.79
48	☐	J-151FH	75.14	3,066.40	1,250.00	66.58	5,389.97
49	☐	J-153FH	75.29	3,066.25	1,250.00	65.85	4,633.39
50	☐	J-156FH	74.67	3,066.34	1,250.00	65.23	4,566.15
51	☐	J-158FH	72.11	3,066.41	1,250.00	62.38	4,212.04
52	☐	J-15FH	77.95	2,932.90	1,250.00	53.27	2,024.80
53	☐	J-160FH	70.62	3,066.49	1,250.00	61.41	4,419.26
54	☐	J-161FH	73.43	3,066.47	1,250.00	63.41	4,132.84
55	☐	J-162FH	80.74	3,066.33	1,250.00	63.03	2,727.78
56	☐	J-164FH	67.94	3,066.79	1,250.00	60.53	5,943.87
57	☐	J-165FH	65.84	3,066.94	1,250.00	58.40	5,535.77
58	☐	J-167FH	68.65	3,067.43	1,250.00	62.02	6,559.27
59	☐	J-168FH	65.29	3,067.67	1,250.00	58.92	6,558.09
60	☐	J-169FH	64.28	3,069.36	1,250.00	46.45	2,188.90
61	☐	J-16FH	126.76	2,932.55	1,250.00	99.70	2,713.44
62	☐	J-170FH	65.87	3,069.02	1,250.00	60.64	7,996.35
63	☐	J-173FH	63.94	3,067.57	1,250.00	56.52	5,116.95
64	☐	J-175FH	66.70	3,068.93	1,250.00	58.91	4,691.25
65	☐	J-177FH	60.89	3,069.53	1,250.00	55.03	5,786.65
66	☐	J-178	64.19	3,068.15	1,250.00	58.17	6,809.14
67	☐	J-179	64.22	3,068.22	1,250.00	58.28	6,892.59
68	☐	J-17FH	127.62	2,932.53	1,250.00	87.77	2,191.91
69	☐	J-181	66.68	3,068.89	1,250.00	58.21	4,064.94
70	☐	J-182	66.77	3,069.10	1,250.00	55.95	3,233.31

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
71	☐	J-183FH	66.77	3,069.10	1,250.00	45.65	2,015.12
72	☐	J-184FH	67.67	3,071.17	1,250.00	62.33	7,395.65
73	☐	J-186FH	68.93	3,069.08	1,250.00	63.00	6,509.13
74	☐	J-187	66.27	3,067.94	1,250.00	59.52	5,634.77
75	☐	J-188	69.64	3,069.73	1,250.00	64.30	7,692.84
76	☐	J-189FH	67.41	3,070.56	1,250.00	57.89	3,535.56
77	☐	J-191	66.24	3,067.88	1,250.00	58.82	5,017.97
78	☐	J-192	68.40	3,067.85	1,250.00	60.94	5,151.97
79	☐	J-19FH	128.48	2,932.52	1,250.00	60.25	1,625.14
80	☐	J-1FH	91.75	2,931.74	1,250.00	77.85	2,986.45
81	☐	J-204FH	80.75	3,066.37	1,250.00	49.31	1,856.82
82	☐	J-20FH	82.05	2,934.36	1,250.00	78.69	6,404.92
83	☐	J-211FH	73.92	3,000.59	1,250.00	53.44	2,253.71
84	☐	J-212FH	76.52	3,000.59	1,250.00	57.89	2,461.94
85	☐	J-214FH	73.23	3,004.01	1,250.00	47.94	1,981.32
86	☐	J-215FH	77.57	3,004.01	1,250.00	54.90	2,225.13
87	☐	J-217	77.99	3,009.99	1,250.00	67.13	4,029.95
88	☐	J-218FH	73.57	3,007.80	1,250.00	45.52	1,888.45
89	☐	J-22	64.81	3,069.57	1,250.00	59.48	7,166.36
90	☐	J-221FH	80.84	2,934.56	1,250.00	69.11	3,200.56
91	☐	J-222FH	88.00	2,935.09	1,250.00	86.50	9,360.84
92	☐	J-225FH	79.53	2,935.54	1,250.00	77.91	9,267.35
93	☐	J-227FH	64.17	2,993.09	1,250.00	52.51	2,876.26
94	☐	J-229FH	79.25	2,935.90	1,250.00	77.62	9,757.61
95	☐	J-232FH	78.56	2,936.31	1,250.00	76.88	10,063.90
96	☐	J-235FH	74.47	2,936.87	1,250.00	72.65	10,037.60
97	☐	J-247FH	59.11	2,993.91	1,250.00	53.58	4,448.55
98	☐	J-250FH	80.58	2,935.96	1,250.00	77.51	6,671.74
99	☐	J-255FH	88.95	2,933.27	1,250.00	69.01	2,587.16
100	☐	J-258FH	85.19	2,931.60	1,250.00	77.66	3,881.29
101	☐	J-25FH	100.65	2,990.30	1,250.00	86.93	4,612.82
102	☐	J-260FH	85.13	2,931.48	1,250.00	76.40	3,627.40
103	☐	J-266FH	100.14	2,931.11	1,250.00	75.84	2,431.07
104	☐	J-267FH	79.51	2,934.49	1,250.00	79.18	5,144.39
105	☐	J-269FH	100.19	2,931.21	1,250.00	80.73	2,717.58

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
106	☐	J-270FH	100.25	2,931.37	1,250.00	85.60	3,129.92
107	☐	J-271FH	85.13	2,931.48	1,250.00	77.44	3,872.02
108	☐	J-273FH	98.16	2,931.54	1,250.00	91.05	4,408.29
109	☐	J-274FH	98.17	2,931.55	1,250.00	91.06	4,403.74
110	☐	J-275FH	88.27	2,988.71	1,250.00	73.05	4,336.93
111	☐	J-278FH	83.54	2,932.79	1,250.00	79.65	4,686.86
112	☐	J-279FH	87.70	2,932.41	1,250.00	83.12	4,677.86
113	☐	J-280FH	82.84	2,932.19	1,250.00	77.37	4,259.64
114	☐	J-281FH	99.03	2,931.56	1,250.00	91.83	4,395.87
115	☐	J-283FH	93.87	2,931.64	1,250.00	87.09	4,332.06
116	☐	J-284FH	91.77	2,931.79	1,250.00	62.86	2,054.38
117	☐	J-288FH	91.70	2,931.63	1,250.00	84.50	4,138.31
118	☐	J-291FH	64.10	3,068.94	1,250.00	58.77	7,658.93
119	☐	J-292FH	98.18	2,931.59	1,250.00	91.20	4,423.90
120	☐	J-293FH	100.86	2,987.76	1,250.00	83.75	4,448.55
121	☐	J-294	67.98	3,069.89	1,250.00	62.62	8,019.93
122	☐	J-295	66.59	3,099.69	1,250.00	58.11	6,050.40
123	☐	J-297FH	98.18	2,931.58	1,250.00	90.80	4,312.03
124	☐	J-29FH	76.72	2,992.06	1,250.00	68.80	6,102.85
125	☐	J-301FH	118.17	3,072.72	1,250.00	111.00	7,124.98
126	☐	J-302FH	98.18	2,931.58	1,250.00	90.92	4,344.66
127	☐	J-303FH	87.37	2,931.63	1,250.00	79.79	3,902.37
128	☐	J-305FH	51.48	2,996.31	1,250.00	51.08	5,670.75
129	☐	J-307FH	83.05	2,931.66	1,250.00	76.52	4,042.64
130	☐	J-30FH	76.47	2,992.48	1,250.00	69.16	6,360.89
131	☐	J-311	63.14	3,070.72	1,250.00	57.68	7,694.31
132	☐	J-312	86.16	3,068.85	1,250.00	80.46	8,965.73
133	☐	J-315FH	60.39	3,069.38	1,250.00	53.96	5,194.52
134	☐	J-317FH	71.41	3,066.80	1,250.00	61.11	3,896.61
135	☐	J-318FH	64.62	3,071.14	1,250.00	59.86	8,232.14
136	☐	J-319FH	63.53	3,070.62	1,250.00	58.67	8,111.22
137	☐	J-321FH	63.35	3,070.19	1,250.00	57.95	6,624.63
138	☐	J-322FH	57.93	3,069.70	1,250.00	52.81	6,931.81
139	☐	J-323FH	60.60	3,069.86	1,250.00	55.00	6,036.97
140	☐	J-324FH	62.42	3,070.05	1,250.00	57.35	7,474.75

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
141	☐	J-325FH	63.36	3,070.24	1,250.00	58.35	7,748.33
142	☐	J-326FH	61.57	3,070.10	1,250.00	56.05	6,219.25
143	☐	J-327FH	61.50	3,069.93	1,250.00	56.37	7,209.64
144	☐	J-328FH	59.28	3,069.82	1,250.00	53.96	6,463.98
145	☐	J-329FH	58.85	3,069.82	1,250.00	53.20	5,842.67
146	☐	J-33FH	74.98	2,993.03	1,250.00	68.08	6,385.54
147	☐	J-38FH	74.18	2,992.20	1,250.00	66.66	6,041.14
148	☐	J-39FH	67.94	2,992.80	1,250.00	60.53	5,056.27
149	☐	J-44FH	80.91	2,991.72	1,250.00	70.90	4,787.48
150	☐	J-54	64.40	3,068.62	1,250.00	58.85	7,412.60
151	☐	J-63FH	66.71	2,992.97	1,250.00	60.16	5,571.78
152	☐	J-66FH	63.55	2,993.66	1,250.00	58.32	5,658.68
153	☐	J-68FH	66.72	2,992.99	1,250.00	60.62	5,886.02
154	☐	J-69FH	66.72	2,992.99	1,250.00	60.37	5,496.21
155	☐	J-73FH	70.61	2,992.95	1,250.00	62.33	4,250.19
156	☐	J-77FH	67.21	3,069.11	1,250.00	62.06	8,290.30
157	☐	J-80FH	56.09	3,069.45	1,250.00	50.60	6,162.22
158	☐	J-81FH	65.89	2,993.05	1,250.00	57.80	4,032.40
159	☐	J-82	64.28	3,069.36	1,250.00	51.39	2,752.75
160	☐	J-85FH	62.56	2,993.87	1,250.00	57.02	4,779.79
161	☐	J-8FH	78.09	2,932.22	1,250.00	63.11	2,596.96
162	☐	J-93FH	59.03	2,994.23	1,250.00	49.41	2,877.70
163	☐	J-956	75.16	3,020.46	1,250.00	65.73	3,955.22
164	☐	J-958	73.12	3,024.74	1,250.00	64.90	3,542.28
165	☐	J-97FH	57.81	3,069.41	1,250.00	51.29	4,894.43
166	☐	J1000	72.09	3,069.39	1,250.00	65.86	6,304.47
167	☐	J1002	76.76	3,069.16	1,250.00	70.58	6,814.93
168	☐	J1004	56.49	3,069.37	1,250.00	48.96	4,057.76
169	☐	J1006	57.36	3,069.37	1,250.00	50.15	4,373.18
170	☐	J1008	56.05	3,069.37	1,250.00	46.93	3,258.43
171	☐	J100FH	59.52	3,070.37	1,250.00	53.30	4,996.74
172	☐	J1010	55.62	3,069.37	1,250.00	46.17	3,128.55
173	☐	J1012	55.62	3,069.37	1,250.00	44.74	2,758.35
174	☐	J1014	55.19	3,069.37	1,250.00	47.59	3,903.43
175	☐	J1016	54.76	3,069.37	1,250.00	48.46	5,126.64

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
176	☐	J1018	56.05	3,069.37	1,250.00	45.01	2,748.37
177	☐	J1020	53.84	3,068.26	1,250.00	33.12	1,741.22
178	☐	J1022	52.54	3,068.26	1,250.00	31.24	1,663.50
179	☐	J1024	55.14	3,068.25	1,250.00	33.58	1,734.75
180	☐	J1026	53.80	3,077.16	1,250.00	32.88	1,654.73
181	☐	J1028	90.63	3,077.16	1,250.00	80.01	3,843.85
182	☐	J102FH	57.86	3,069.54	1,250.00	51.94	5,367.58
183	☐	J1030	81.09	3,077.16	1,250.00	66.99	2,944.12
184	☐	J1032	88.46	3,077.16	1,250.00	74.58	3,166.46
185	☐	J1034	70.26	3,077.16	1,250.00	52.89	2,316.34
186	☐	J1036	74.57	2,933.09	1,250.00	71.16	4,402.08
187	☐	J1038	73.28	2,933.12	1,250.00	70.31	4,491.10
188	☐	J1040	73.27	2,933.10	1,250.00	69.66	4,243.77
189	☐	J1042	72.41	2,933.11	1,250.00	68.97	4,262.44
190	☐	J1044	71.54	2,933.11	1,250.00	67.04	3,860.45
191	☐	J104FH	60.73	3,069.17	1,250.00	53.48	4,367.26
192	☐	J106FH	63.30	3,069.10	1,250.00	56.30	4,806.30
193	☐	J108FH	64.20	3,069.17	1,250.00	58.91	7,386.23
194	☐	J10FH	72.88	3,013.20	1,250.00	61.71	3,796.39
195	☐	J110FH	67.19	3,069.07	1,250.00	62.00	8,214.97
196	☐	J112FH	58.84	3,069.79	1,250.00	53.00	5,521.08
197	☐	J114FH	59.65	3,069.67	1,250.00	53.49	5,279.32
198	☐	J116FH	62.48	3,069.20	1,250.00	54.68	4,079.87
199	☐	J118FH	61.10	3,070.02	1,250.00	55.32	5,817.00
200	☐	J12	73.01	3,013.50	1,250.00	61.84	3,801.00
201	☐	J120FH	60.54	3,069.72	1,250.00	54.46	5,426.33
202	☐	J122FH	60.47	3,069.56	1,250.00	54.37	5,445.65
203	☐	J124FH	63.69	3,068.98	1,250.00	58.40	7,660.96
204	☐	J126FH	73.64	3,068.95	1,250.00	68.01	7,873.80
205	☐	J128FH	72.06	3,068.30	1,250.00	62.90	4,151.37
206	☐	J130FH	81.41	3,068.87	1,250.00	75.68	8,464.36
207	☐	J132FH	78.58	3,068.35	1,250.00	70.96	5,551.61
208	☐	J134FH	75.47	3,068.17	1,250.00	65.28	3,888.01
209	☐	J136FH	73.69	3,068.07	1,250.00	63.95	3,970.18
210	☐	J138FH	62.54	3,068.33	1,250.00	56.00	5,494.78

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
211	☐	J140FH	64.07	3,067.86	1,250.00	56.89	5,063.90
212	☐	J142FH	62.85	3,068.04	1,250.00	53.17	3,445.30
213	☐	J144FH	114.70	3,072.72	1,250.00	108.31	7,922.28
214	☐	J146FH	113.84	3,072.72	1,250.00	108.49	10,047.21
215	☐	J148FH	111.24	3,072.72	1,250.00	106.65	13,423.59
216	☐	J14FH	72.65	3,012.67	1,250.00	61.50	3,789.02
217	☐	J150FH	88.99	3,073.37	1,250.00	85.27	14,298.34
218	☐	J152FH	59.95	3,070.35	1,250.00	52.96	4,814.83
219	☐	J154FH	61.06	3,069.93	1,250.00	55.22	5,745.58
220	☐	J156FH	60.94	3,069.65	1,250.00	50.53	3,049.29
221	☐	J158FH	61.07	3,068.95	1,250.00	51.44	3,300.42
222	☐	J16	70.91	3,012.65	1,250.00	56.25	2,979.58
223	☐	J160FH	67.05	3,066.75	1,250.00	53.02	2,768.50
224	☐	J162FH	64.66	3,067.24	1,250.00	57.53	5,428.76
225	☐	J164FH	67.58	3,066.98	1,250.00	60.50	6,064.56
226	☐	J166FH	67.88	3,067.65	1,250.00	60.56	5,315.86
227	☐	J168FH	70.53	3,067.78	1,250.00	63.07	5,313.82
228	☐	J170FH	80.53	3,067.85	1,250.00	72.45	5,368.62
229	☐	J172FH	79.54	3,067.56	1,250.00	71.12	5,170.05
230	☐	J174FH	82.42	3,067.21	1,250.00	73.04	4,749.73
231	☐	J178FH	77.47	3,066.79	1,250.00	68.39	4,735.92
232	☐	J180FH	80.87	3,066.63	1,250.00	73.28	6,771.06
233	☐	J182FH	88.19	3,066.53	1,250.00	80.23	7,094.89
234	☐	J184FH	87.64	3,065.26	1,250.00	78.10	6,217.59
235	☐	J188FH	70.97	2,938.78	1,250.00	65.65	7,289.04
236	☐	J18FH	73.08	3,012.65	1,250.00	55.99	2,731.85
237	☐	J190FH	75.17	3,066.49	1,250.00	41.78	1,693.45
238	☐	J192FH	74.87	2,938.79	1,250.00	72.64	12,783.82
239	☐	J194FH	68.72	2,938.60	1,250.00	61.17	3,805.96
240	☐	J196FH	76.08	2,938.59	1,250.00	74.19	12,744.04
241	☐	J198FH	70.34	2,938.34	1,250.00	61.76	3,509.56
242	☐	J200FH	66.96	2,937.53	1,250.00	65.03	10,100.01
243	☐	J202FH	76.63	2,936.85	1,250.00	57.75	2,316.61
244	☐	J204FH	69.02	2,936.29	1,250.00	38.58	1,637.30
245	☐	J208FH	81.22	3,066.45	1,250.00	66.04	3,095.05

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
246	☐	J20FH	70.48	3,012.65	1,250.00	55.09	2,864.32
247	☐	J212FH	80.31	3,066.35	1,250.00	61.47	2,599.54
248	☐	J214FH	85.76	2,935.92	1,250.00	79.72	4,853.92
249	☐	J216FH	83.40	2,935.48	1,250.00	57.54	2,072.58
250	☐	J218FH	92.08	2,934.51	1,250.00	66.55	2,250.63
251	☐	J22	69.61	3,012.65	1,250.00	52.65	2,648.03
252	☐	J220FH	90.78	2,934.52	1,250.00	68.39	2,404.13
253	☐	J222FH	87.76	2,934.53	1,250.00	70.90	2,769.28
254	☐	J226FH	86.02	2,934.52	1,250.00	63.68	2,315.17
255	☐	J228FH	85.06	2,934.31	1,250.00	67.22	2,608.16
256	☐	J230FH	81.38	2,934.82	1,250.00	79.00	7,509.23
257	☐	J232FH	91.11	2,933.27	1,250.00	62.66	2,124.30
258	☐	J234FH	88.94	2,933.27	1,250.00	63.43	2,228.21
259	☐	J236FH	84.92	2,933.99	1,250.00	67.61	2,661.08
260	☐	J238FH	82.13	2,934.54	1,250.00	79.11	6,769.13
261	☐	J240FH	92.02	2,932.37	1,250.00	67.36	2,299.77
262	☐	J242FH	82.86	2,933.23	1,250.00	75.30	3,966.02
263	☐	J244FH	100.64	2,987.26	1,250.00	82.60	4,297.09
264	☐	J246FH	74.87	3,007.80	1,250.00	51.23	2,149.98
265	☐	J248FH	83.72	2,933.21	1,250.00	65.87	2,627.31
266	☐	J24FH	73.94	3,012.65	1,250.00	55.56	2,617.12
267	☐	J250FH	80.25	2,934.21	1,250.00	75.73	5,337.56
268	☐	J252FH	82.68	2,933.81	1,250.00	76.06	4,369.70
269	☐	J254FH	82.63	2,933.70	1,250.00	75.64	4,221.01
270	☐	J256FH	81.47	2,992.01	1,250.00	71.22	4,464.04
271	☐	J258FH	92.60	2,991.71	1,250.00	75.61	3,172.69
272	☐	J260FH	84.14	2,991.19	1,250.00	73.47	4,953.64
273	☐	J262FH	84.27	2,990.49	1,250.00	72.64	4,693.31
274	☐	J264FH	82.79	2,990.07	1,250.00	70.80	4,855.43
275	☐	J266FH	78.14	2,992.34	1,250.00	69.72	5,173.96
276	☐	J268FH	78.88	2,992.04	1,250.00	70.28	5,577.77
277	☐	J26FH	70.91	3,012.65	1,250.00	52.39	2,526.23
278	☐	J270FH	79.90	2,991.39	1,250.00	70.46	5,619.68
279	☐	J272FH	73.17	2,992.87	1,250.00	65.96	5,781.19
280	☐	J274FH	81.84	2,992.87	1,250.00	74.77	6,554.70

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
281	☐	J276FH	75.68	2,992.65	1,250.00	68.50	5,808.16
282	☐	J278FH	73.13	2,992.79	1,250.00	66.31	5,837.83
283	☐	J280FH	75.22	2,992.59	1,250.00	67.41	5,343.80
284	☐	J282FH	66.07	2,993.49	1,250.00	60.15	6,136.77
285	☐	J284FH	65.26	2,993.62	1,250.00	59.71	5,844.56
286	☐	J286FH	64.94	2,993.87	1,250.00	60.10	5,871.44
287	☐	J288FH	62.91	2,994.20	1,250.00	58.04	5,093.51
288	☐	J290FH	86.20	2,992.95	1,250.00	72.25	3,267.05
289	☐	J292FH	59.56	2,993.45	1,250.00	53.41	4,396.36
290	☐	J294FH	64.19	2,993.14	1,250.00	57.41	4,689.28
291	☐	J296FH	65.08	2,993.19	1,250.00	58.20	4,670.30
292	☐	J298FH	61.62	2,994.20	1,250.00	56.58	4,725.53
293	☐	J300FH	51.51	2,993.89	1,250.00	36.39	1,938.22
294	☐	J302FH	53.25	2,993.89	1,250.00	40.84	2,268.34
295	☐	J304FH	52.81	2,993.88	1,250.00	28.29	1,487.07
296	☐	J306FH	56.59	2,994.61	1,250.00	52.51	4,605.84
297	☐	J308FH	59.19	2,994.61	1,250.00	54.90	4,669.27
298	☐	J310FH	78.30	2,932.71	1,250.00	74.23	4,433.69
299	☐	J312FH	83.52	2,931.76	1,250.00	75.99	3,761.64
300	☐	J314FH	82.03	2,932.32	1,250.00	76.16	4,035.37
301	☐	J316FH	85.82	2,932.06	1,250.00	80.11	4,311.82
302	☐	J318FH	91.77	2,931.79	1,250.00	81.25	3,401.08
303	☐	J320FH	93.47	2,931.72	1,250.00	86.64	4,281.37
304	☐	J322FH	91.30	2,931.71	1,250.00	79.62	3,226.59
305	☐	J324FH	88.72	2,931.75	1,250.00	79.78	3,603.31
306	☐	J326FH	87.82	2,931.69	1,250.00	80.49	3,959.43
307	☐	J328FH	84.73	2,931.54	1,250.00	75.98	3,588.80
308	☐	J330FH	88.63	2,931.54	1,250.00	80.10	3,762.30
309	☐	J332FH	84.74	2,931.57	1,250.00	76.53	3,697.32
310	☐	J334FH	83.47	2,931.63	1,250.00	76.52	3,947.06
311	☐	J336FH	86.26	2,932.07	1,250.00	75.08	3,160.75
312	☐	J338FH	89.56	2,931.68	1,250.00	81.31	3,834.14
313	☐	J340FH	83.66	2,932.07	1,250.00	73.20	3,195.74
314	☐	J342FH	88.39	2,932.00	1,250.00	80.44	3,863.67
315	☐	J344FH	84.96	2,932.07	1,250.00	74.45	3,223.68

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
316	☐	J346FH	83.23	2,932.07	1,250.00	74.95	3,567.32
317	☐	J348FH	80.74	2,932.33	1,250.00	75.22	4,162.63
318	☐	J34FH	64.48	3,070.81	1,250.00	59.03	6,472.77
319	☐	J350FH	80.75	2,932.35	1,250.00	75.27	4,178.50
320	☐	J352FH	85.46	2,932.22	1,250.00	72.76	3,005.93
321	☐	J354FH	79.57	2,932.64	1,250.00	74.59	4,401.06
322	☐	J356FH	91.53	2,932.25	1,250.00	76.73	2,948.48
323	☐	J358FH	86.32	2,932.23	1,250.00	78.52	3,865.99
324	☐	J360FH	98.00	2,931.16	1,250.00	79.74	2,784.73
325	☐	J362FH	98.05	2,931.29	1,250.00	85.06	3,325.08
326	☐	J364FH	92.50	2,931.47	1,250.00	82.86	3,654.37
327	☐	J366FH	91.20	2,931.47	1,250.00	81.79	3,665.31
328	☐	J368FH	92.92	2,931.45	1,250.00	84.72	4,000.50
329	☐	J370FH	86.88	2,931.52	1,250.00	78.34	3,702.17
330	☐	J372FH	86.89	2,931.52	1,250.00	79.63	4,020.36
331	☐	J374FH	98.60	2,931.56	1,250.00	87.99	3,611.03
332	☐	J376FH	98.18	2,931.58	1,250.00	90.89	4,331.91
333	☐	J380FH	53.03	3,069.38	1,250.00	45.30	3,620.21
334	☐	J382FH	52.59	3,069.38	1,250.00	44.99	3,656.07
335	☐	J384FH	53.89	3,069.38	1,250.00	47.77	5,198.75
336	☐	J388	53.46	3,069.38	1,250.00	47.42	5,246.11
337	☐	J392	50.86	3,069.38	1,250.00	44.04	4,022.08
338	☐	J394	53.90	3,069.38	1,250.00	47.91	5,357.55
339	☐	J396	55.19	3,069.38	1,250.00	48.93	5,172.68
340	☐	J398FH	54.76	3,069.38	1,250.00	48.54	5,174.17
341	☐	J400	72.50	3,069.33	1,250.00	67.30	8,657.23
342	☐	J402FH	68.15	3,069.29	1,250.00	62.95	8,234.79
343	☐	J404FH	65.98	3,069.26	1,250.00	60.78	7,938.41
344	☐	J406FH	64.27	3,069.33	1,250.00	54.63	3,450.29
345	☐	J408	65.57	3,069.33	1,250.00	58.35	4,817.12
346	☐	J410FH	63.84	3,069.33	1,250.00	55.82	4,109.10
347	☐	J412FH	60.81	3,069.34	1,250.00	52.40	3,729.49
348	☐	J416FH	62.01	3,071.11	1,250.00	54.73	4,198.02
349	☐	J418FH	62.88	3,071.11	1,250.00	57.36	6,116.10
350	☐	J420FH	66.39	3,071.23	1,250.00	60.69	6,152.30

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
351	☐	J422FH	61.95	3,070.98	1,250.00	57.05	7,376.36
352	☐	J424FH	61.95	3,070.97	1,250.00	56.02	5,524.52
353	☐	J426FH	62.38	3,070.97	1,250.00	56.57	5,729.05
354	☐	J42FH	64.23	3,067.25	1,250.00	52.58	3,087.85
355	☐	J434FH	62.92	3,071.22	1,250.00	55.06	3,960.82
356	☐	J440FH	63.25	3,070.97	1,250.00	58.15	7,134.18
357	☐	J442FH	62.84	3,071.04	1,250.00	57.81	7,304.57
358	☐	J444FH	60.87	3,070.49	1,250.00	55.95	7,707.70
359	☐	J44FH	64.55	3,066.98	1,250.00	52.18	2,963.18
360	☐	J450FH	65.68	3,069.59	1,250.00	60.45	7,893.73
361	☐	J452FH	66.91	3,069.43	1,250.00	61.71	8,102.57
362	☐	J456FH	97.51	2,931.05	1,250.00	64.17	2,023.86
363	☐	J458FH	96.21	2,931.05	1,250.00	64.31	2,054.49
364	☐	J46	74.01	3,066.80	1,250.00	61.87	3,421.88
365	☐	J460FH	94.48	2,931.05	1,250.00	61.80	2,004.18
366	☐	J462FH	94.49	2,931.06	1,250.00	67.64	2,226.12
367	☐	J478FH	109.95	3,069.76	1,250.00	103.99	10,409.40
368	☐	J480FH	119.15	3,070.98	1,250.00	113.42	11,347.00
369	☐	J482FH	119.74	3,072.34	1,250.00	114.43	12,207.76
370	☐	J484FH	113.90	3,073.87	1,250.00	109.20	12,769.49
371	☐	J486FH	102.25	3,075.98	1,250.00	98.79	15,121.86
372	☐	J488FH	110.95	3,076.05	1,250.00	106.25	8,945.29
373	☐	J490FH	111.85	3,076.13	1,250.00	106.57	7,915.15
374	☐	J492FH	111.02	3,076.22	1,250.00	105.55	7,637.90
375	☐	J494FH	111.85	3,076.15	1,250.00	104.23	6,007.91
376	☐	J496FH	113.37	3,076.63	1,250.00	108.33	8,268.78
377	☐	J500FH	110.09	3,077.07	1,250.00	105.27	8,197.42
378	☐	J508FH	99.71	3,077.13	1,250.00	94.77	7,395.44
379	☐	J50FH	102.50	2,931.56	1,250.00	86.92	3,034.65
380	☐	J510FH	95.86	3,077.23	1,250.00	91.07	7,354.19
381	☐	J512	88.93	3,077.23	1,250.00	82.75	5,546.87
382	☐	J514FH	90.27	3,077.32	1,250.00	85.84	7,558.18
383	☐	J516	91.14	3,077.35	1,250.00	86.85	7,845.47
384	☐	J518FH	92.05	3,077.45	1,250.00	88.45	9,598.10
385	☐	J522FH	109.66	3,077.08	1,250.00	105.28	9,083.50

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
386	☐	J526FH	102.78	3,077.20	1,250.00	98.52	8,825.45
387	☐	J528FH	96.77	3,077.33	1,250.00	92.93	9,376.98
388	☐	J532FH	95.11	3,077.51	1,250.00	92.24	13,815.27
389	☐	J534	94.27	3,077.57	1,250.00	91.96	21,711.63
390	☐	J536	67.46	3,069.68	1,250.00	61.74	8,160.93
391	☐	J540	62.37	3,070.95	1,250.00	56.83	7,530.15
392	☐	J566FH	64.03	3,069.77	1,250.00	58.47	7,202.39
393	☐	J568FH	61.37	3,069.64	1,250.00	55.63	6,536.27
394	☐	J56FH	83.12	2,931.82	1,250.00	76.65	4,015.40
395	☐	J570FH	60.94	3,069.64	1,250.00	53.00	4,064.21
396	☐	J572	56.53	3,069.47	1,250.00	50.71	5,960.66
397	☐	J574	57.41	3,069.49	1,250.00	50.98	5,139.21
398	☐	J576	55.17	3,069.33	1,250.00	48.10	4,498.04
399	☐	J578	56.09	3,069.46	1,250.00	50.24	5,854.47
400	☐	J580FH	56.53	3,069.46	1,250.00	49.97	4,944.74
401	☐	J582	64.01	3,069.74	1,250.00	57.91	6,098.18
402	☐	J584FH	101.68	3,076.66	1,250.00	98.61	16,682.37
403	☐	J588	95.41	3,077.19	1,250.00	92.74	18,273.68
404	☐	J58FH	85.68	2,931.73	1,250.00	78.79	4,003.97
405	☐	J590FH	105.58	3,076.66	1,250.00	98.80	6,005.70
406	☐	J594FH	108.61	3,076.66	1,250.00	99.01	4,696.81
407	☐	J596FH	118.35	3,076.15	1,250.00	108.51	5,007.40
408	☐	J600FH	100.20	3,077.24	1,250.00	95.09	7,161.42
409	☐	J602	100.20	3,077.24	1,250.00	96.04	8,873.01
410	☐	J604	53.75	3,069.06	1,250.00	44.05	3,117.30
411	☐	J606FH	51.44	3,068.72	1,250.00	38.12	2,291.58
412	☐	J608	54.62	3,069.06	1,250.00	42.63	2,592.72
413	☐	J610FH	57.86	3,069.53	1,250.00	51.21	4,967.96
414	☐	J612FH	60.07	3,069.64	1,250.00	53.72	5,468.28
415	☐	J614	60.03	3,069.55	1,250.00	51.63	3,837.91
416	☐	J616	59.15	3,069.52	1,250.00	50.70	3,853.53
417	☐	J620	56.50	2,995.38	1,250.00	35.80	1,724.95
418	☐	J622FH	73.20	2,994.93	1,250.00	65.85	5,377.70
419	☐	J624FH	69.30	2,994.92	1,250.00	55.24	2,797.95
420	☐	J626FH	81.99	2,994.21	1,250.00	72.19	4,511.89

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
421	☐	J630FH	73.63	2,994.92	1,250.00	53.92	2,270.34
422	☐	J634FH	71.03	2,994.92	1,250.00	47.05	1,954.16
423	☐	J638FH	88.30	2,993.78	1,250.00	77.93	4,533.67
424	☐	J640FH	60.46	3,069.53	1,250.00	52.64	4,189.55
425	☐	J642FH	60.91	3,069.57	1,250.00	52.82	4,047.02
426	☐	J646FH	58.72	3,069.52	1,250.00	49.64	3,471.71
427	☐	J648FH	116.61	3,068.11	1,250.00	109.08	9,120.27
428	☐	J650FH	120.26	3,067.55	1,250.00	112.00	8,635.89
429	☐	J652FH	126.89	3,066.85	1,250.00	117.44	8,071.02
430	☐	J654FH	127.84	3,067.04	1,250.00	117.43	6,737.89
431	☐	J656FH	124.91	3,067.28	1,250.00	115.59	7,493.28
432	☐	J658FH	122.79	3,067.38	1,250.00	113.39	7,267.69
433	☐	J660FH	127.08	3,067.29	1,250.00	117.22	7,053.97
434	☐	J662FH	130.92	3,067.15	1,250.00	117.16	5,070.77
435	☐	J664FH	122.83	3,067.47	1,250.00	113.51	7,271.52
436	☐	J666FH	119.51	3,067.82	1,250.00	110.49	7,245.74
437	☐	J66FH	86.01	2,931.50	1,250.00	78.57	3,955.59
438	☐	J672FH	81.66	2,935.45	1,250.00	28.57	1,366.55
439	☐	J674	59.75	3,069.37	1,250.00	53.06	5,093.78
440	☐	J676FH	58.04	3,069.37	1,250.00	50.96	4,536.40
441	☐	J678FH	58.53	3,069.36	1,250.00	50.14	3,702.13
442	☐	J680FH	59.91	3,069.36	1,250.00	51.62	3,850.72
443	☐	J682	62.01	3,069.36	1,250.00	54.27	4,356.04
444	☐	J684FH	60.20	3,069.36	1,250.00	51.94	3,897.40
445	☐	J686FH	60.82	3,069.36	1,250.00	52.22	3,763.24
446	☐	J688	62.57	3,069.36	1,250.00	54.01	3,890.56
447	☐	J68FH	81.67	2,931.47	1,250.00	69.69	2,986.63
448	☐	J690	62.55	3,069.36	1,250.00	52.91	3,446.47
449	☐	J692FH	59.48	3,069.36	1,250.00	51.49	3,981.76
450	☐	J694	63.42	3,069.36	1,250.00	55.57	4,375.48
451	☐	J696	58.24	3,069.40	1,250.00	52.25	5,866.02
452	☐	J698	60.60	3,069.38	1,250.00	53.42	4,705.20
453	☐	J700FH	57.38	3,069.38	1,250.00	47.93	3,221.30
454	☐	J702	62.26	3,069.36	1,250.00	54.37	4,263.54
455	☐	J704FH	61.96	3,069.36	1,250.00	53.43	3,874.66

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
456	☐	J706FH	58.34	3,069.36	1,250.00	45.65	2,561.48
457	☐	J708FH	60.20	3,069.38	1,250.00	52.38	4,137.77
458	☐	J70FH	86.88	2,931.52	1,250.00	75.79	3,242.90
459	☐	J710FH	57.92	3,069.40	1,250.00	51.56	5,312.51
460	☐	J714FH	89.73	2,933.26	1,250.00	66.26	2,359.02
461	☐	J718FH	90.92	2,933.26	1,250.00	63.89	2,187.26
462	☐	J720FH	92.03	2,993.39	1,250.00	81.79	4,713.84
463	☐	J724	58.71	3,069.50	1,250.00	50.47	3,730.29
464	☐	J728	59.58	3,069.50	1,250.00	51.67	3,970.21
465	☐	J730FH	59.58	3,069.50	1,250.00	49.09	3,021.22
466	☐	J732	60.45	3,069.52	1,250.00	52.45	3,976.56
467	☐	J736	63.97	3,069.64	1,250.00	57.74	5,786.55
468	☐	J738FH	63.09	3,069.60	1,250.00	56.64	5,467.21
469	☐	J74	68.16	3,068.30	1,250.00	57.10	3,307.17
470	☐	J740FH	66.61	3,069.73	1,250.00	61.35	8,008.67
471	☐	J742FH	56.97	3,069.47	1,250.00	50.46	4,979.45
472	☐	J744	55.22	3,069.44	1,250.00	49.35	5,740.16
473	☐	J746	53.88	3,068.35	1,250.00	35.56	1,904.34
474	☐	J748	51.24	3,068.27	1,250.00	31.13	1,770.52
475	☐	J750FH	55.16	3,068.30	1,250.00	32.42	1,670.18
476	☐	J752	52.97	3,068.25	1,250.00	31.37	1,745.45
477	☐	J754	53.86	3,068.30	1,250.00	33.62	1,771.48
478	☐	J756	52.31	3,068.72	1,250.00	36.96	2,078.36
479	☐	J758	50.57	3,068.72	1,250.00	31.20	1,689.80
480	☐	J76	79.04	3,068.42	1,250.00	72.63	6,990.13
481	☐	J778	128.32	3,067.15	1,250.00	118.19	6,911.60
482	☐	J784FH	126.90	3,066.87	1,250.00	117.22	7,677.32
483	☐	J786FH	92.00	2,993.33	1,250.00	81.84	4,745.42
484	☐	J788FH	64.28	3,069.36	1,250.00	48.45	2,373.67
485	☐	J78FH	59.49	3,069.30	1,250.00	54.24	6,875.19
486	☐	J790FH	62.20	3,069.54	1,250.00	53.86	3,905.13
487	☐	J792	54.76	3,069.37	1,250.00	48.49	5,239.79
488	☐	J794	71.08	3,071.04	1,250.00	65.46	9,079.16
489	☐	J796	77.97	3,068.93	1,250.00	72.30	8,549.20
490	☐	J798	48.92	3,067.91	1,250.00	36.97	2,435.36

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
491	☐	J800	67.06	3,067.77	1,250.00	54.90	3,107.15
492	☐	J80FH	62.41	3,069.03	1,250.00	57.20	7,645.93
493	☐	J814	100.50	3,212.95	1,250.00	100.45	113,673.48
494	☐	J816	45.80	3,068.71	1,250.00	9.33	1,020.72
495	☐	J818	49.71	3,068.71	1,250.00	28.70	1,569.08
496	☐	J820	106.17	3,205.47	1,250.00	98.93	8,714.78
497	☐	J822	105.60	3,210.23	1,250.00	101.81	11,471.18
498	☐	J824	99.91	3,211.33	1,250.00	97.82	14,039.81
499	☐	J826	96.77	3,211.04	1,250.00	93.55	10,732.08
500	☐	J828	93.26	3,211.38	1,250.00	90.16	9,748.71
501	☐	J82FH	65.70	3,068.62	1,250.00	58.86	5,326.75
502	☐	J830	93.62	3,211.29	1,250.00	89.91	8,399.48
503	☐	J832	95.44	3,211.13	1,250.00	91.73	8,584.76
504	☐	J834	88.02	3,212.33	1,250.00	86.35	13,120.27
505	☐	J836	90.51	3,211.29	1,250.00	83.73	5,006.63
506	☐	J838	90.10	3,212.48	1,250.00	89.05	18,185.05
507	☐	J840	115.20	3,210.76	1,250.00	107.45	5,348.15
508	☐	J842	117.01	3,210.76	1,250.00	106.24	4,362.85
509	☐	J844	105.41	3,211.26	1,250.00	101.33	7,853.18
510	☐	J846	105.64	3,211.25	1,250.00	100.74	6,799.67
511	☐	J848	108.30	3,211.23	1,250.00	103.12	6,649.17
512	☐	J84FH	63.53	3,068.62	1,250.00	51.91	2,950.70
513	☐	J850	108.52	3,211.22	1,250.00	103.73	7,070.75
514	☐	J852	105.14	3,211.34	1,250.00	102.85	14,042.08
515	☐	J854	102.39	3,211.34	1,250.00	99.74	10,566.45
516	☐	J856	101.02	3,211.34	1,250.00	98.43	10,617.90
517	☐	J858	62.87	3,033.54	1,250.00	58.80	3,586.73
518	☐	J86	62.48	3,069.20	1,250.00	53.04	3,394.58
519	☐	J860	63.32	3,044.19	1,250.00	55.71	3,425.89
520	☐	J862	64.53	3,048.41	1,250.00	55.24	3,494.72
521	☐	J864	69.14	3,044.19	1,250.00	48.14	1,977.34
522	☐	J866	65.95	3,054.25	1,250.00	55.05	3,694.79
523	☐	J868	57.78	3,060.17	1,250.00	46.82	3,596.84
524	☐	J870	60.08	3,059.22	1,250.00	48.29	3,331.49
525	☐	J872	67.40	3,059.09	1,250.00	55.51	3,631.65

Peak Day Demand with Fire Flow

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
526	☐	J874	59.17	3,059.09	1,250.00	45.82	2,877.56
527	☐	J876	58.65	3,059.09	1,250.00	39.14	2,103.28
528	☐	J878	60.86	3,059.09	1,250.00	37.56	1,896.17
529	☐	J88	65.83	3,067.94	1,250.00	57.77	4,388.06
530	☐	J880	66.39	3,059.09	1,250.00	46.11	2,260.41
531	☐	J882	70.37	3,059.22	1,250.00	55.81	3,095.93
532	☐	J884	75.48	3,067.76	1,250.00	57.96	2,581.87
533	☐	J886	67.62	3,067.76	1,250.00	60.09	5,430.79
534	☐	J888	69.50	3,068.52	1,250.00	62.70	6,034.98
535	☐	J890	67.49	3,068.31	1,250.00	60.69	6,076.72
536	☐	J892	73.06	3,068.52	1,250.00	62.42	3,767.36
537	☐	J894	64.41	3,068.32	1,250.00	57.86	6,207.82
538	☐	J896	66.17	3,067.35	1,250.00	58.81	5,851.61
539	☐	J898	65.62	3,067.39	1,250.00	55.95	3,988.59
540	☐	J90	63.78	3,069.20	1,250.00	57.48	5,451.01
541	☐	J900	63.68	3,067.39	1,250.00	55.61	4,822.76
542	☐	J902	65.60	3,067.93	1,250.00	58.54	6,001.23
543	☐	J904	54.22	3,067.82	1,250.00	45.33	3,654.87
544	☐	J906	54.95	3,067.85	1,250.00	46.36	3,849.17
545	☐	J908	60.81	3,067.86	1,250.00	52.42	4,343.23
546	☐	J910	56.20	3,067.86	1,250.00	44.80	2,822.94
547	☐	J912	58.08	3,067.86	1,250.00	49.04	3,820.00
548	☐	J914	54.75	3,067.85	1,250.00	45.64	3,590.65
549	☐	J916	55.07	3,067.85	1,250.00	43.57	2,734.28
550	☐	J918	45.85	3,067.82	1,250.00	33.15	2,036.17
551	☐	J920	45.39	3,067.82	1,250.00	28.11	1,601.60
552	☐	J922	50.41	3,067.82	1,250.00	37.19	2,196.43
553	☐	J924	44.86	3,067.82	1,250.00	29.78	1,739.35
554	☐	J926	53.79	3,067.82	1,250.00	42.35	2,678.97
555	☐	J928	50.37	3,067.82	1,250.00	39.42	2,593.38
556	☐	J92FH	52.80	3,069.85	1,250.00	47.60	6,047.42
557	☐	J930	50.26	3,067.82	1,250.00	37.05	2,189.45
558	☐	J932	51.76	3,067.82	1,250.00	40.93	2,706.41
559	☐	J934	53.42	3,067.82	1,250.00	32.23	1,658.07
560	☐	J936	54.13	3,067.82	1,250.00	44.58	3,363.44

		ID	Static Pressure (psi)	Static Head (ft)	Fire-Flow Demand (gpm)	Residual Pressure (psi)	Hydrant Available Flow (gpm)
561	☐	J938	66.09	3,070.83	1,250.00	59.32	5,731.62
562	☐	J940	62.71	3,070.83	1,250.00	51.80	3,125.03
563	☐	J942	70.19	3,069.00	1,250.00	64.48	7,637.58
564	☐	J944	121.83	3,210.76	1,250.00	109.42	4,104.32
565	☐	J946	99.30	3,212.54	1,250.00	98.53	25,054.83
566	☐	J948	58.20	3,080.32	1,250.00	51.41	6,753.42
567	☐	J94FH	51.79	3,069.51	1,250.00	46.45	5,880.22
568	☐	J950	61.16	3,079.04	1,250.00	54.13	6,724.93
569	☐	J952	61.08	3,080.72	1,250.00	52.66	4,512.55
570	☐	J954	74.18	3,018.19	1,250.00	63.74	3,875.93
571	☐	J960	74.07	3,021.94	1,250.00	64.42	3,537.15
572	☐	J962	73.25	3,024.06	1,250.00	64.14	3,362.43
573	☐	J964	71.88	3,026.88	1,250.00	65.07	3,496.53
574	☐	J966	72.68	3,028.74	1,250.00	69.66	4,179.28
575	☐	J968	67.12	3,069.90	1,250.00	61.82	8,076.51
576	☐	J96FH	55.80	3,069.77	1,250.00	49.38	4,566.79
577	☐	J970	63.14	3,069.72	1,250.00	56.37	5,186.79
578	☐	J972	66.32	3,070.07	1,250.00	60.99	7,980.61
579	☐	J974	65.38	3,069.89	1,250.00	60.01	7,708.01
580	☐	J976	62.27	3,069.72	1,250.00	52.66	3,404.90
581	☐	J978	59.54	3,071.41	1,250.00	53.81	6,735.23
582	☐	J980	59.51	3,071.34	1,250.00	53.83	6,895.69
583	☐	J982	62.04	3,071.18	1,250.00	56.42	7,307.87
584	☐	J984	57.89	3,077.60	1,250.00	51.12	6,518.76
585	☐	J986	65.41	3,073.96	1,250.00	59.00	7,115.55
586	☐	J988	65.56	3,072.31	1,250.00	59.59	7,168.83
587	☐	J98FH	58.14	3,070.17	1,250.00	51.39	4,428.65
588	☐	J990	67.35	3,071.44	1,250.00	61.66	7,518.53
589	☐	J992	64.15	3,071.05	1,250.00	58.61	7,566.67
590	☐	J994	58.37	3,080.72	1,250.00	51.62	6,839.72
591	☐	J996	69.14	3,069.56	1,250.00	63.18	6,508.39
592	☐	J998	69.93	3,069.39	1,250.00	64.19	6,989.38

APPENDIX C

WATER RIGHTS INVENTORY

81-893
81-4123
Well 6

81-893
81-4225
81-4226
81-782
81-973
Well 7

81-893
81-782
81-973
Compact Well

81-4225
81-4226
Compact Well

81-782
81-973
Compact Well

81-782
81-973
Compact Well

81-782
81-973
Compact Well

NORTH

81-1724
(UNAPPROVED)
Proposed Heights Well

81-4226
81-1496
J. Ross Hurst
Entrada Well
(Irrigation)

81-742/741
Miller, Beecham,
& Gray Springs

81-742/741
Miller, Beecham,
& Gray Springs

81-742/741
Miller, Beecham,
& Gray Springs

81-1061
Gray Spring

81-149
Sheep Spring

81-475
Ralph Hafen Well

81-4189
Rex Jackson
Sunbrook Well
(Irrigation)

81-497
Crystal Lakes
Sunbrook Well
(Irrigation)

SUNRISE ENGINEERING
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APPENDIX D

OPINION OF PROBABLE COST

SUNRISE ENGINEERING INC.

11 North 300 West, Washington, Utah 84780

Tel: (435) 652-8450

Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Water Right Recommendations							
32	Change Application	4	EA	$ 2,000	$ 8,000	0%	$ -
33	Title Change	6	EA	$ 250	$ 1,500	0%	$ -
34	Proof of Beneficial Use form	2	EA	$ 250	$ 500	0%	$ -
33	Flow Data Correction	1	EA	$ -	$ -	0%	$ -
35	Legal advice regarding Agreements	1	LS	$ 5,000	$ 5,000	0%	$ -
			SUBTOTAL		$ 15,000	0%	$ -
			CONTINGENCY	20%	$ 3,000	0%	$ -
			TOTAL PROJECT COST		**$ 18,000**	**0%**	**$ -**

SUNRISE ENGINEERING INC.

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
North Hamblin Pkwy to North Town Rd 12" Line							
1	Mobilization	1	LS	$ 8,200	$ 8,200	100%	$ 8,200
2	Traffic Control	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
3	Materials Sampling & Testing	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
4	12" PVC Line, Fittings, Bedding, Backfill & Tracer Wire (C900, Class 150, SDR 18: or C909 PC150)	1,000	LN FT.	$ 100	$ 100,000	100%	$ 100,000
5	12" Gate Valve Assembly	4	Each	$ 5,000	$ 20,000	100%	$ 20,000
6	2.5" Bituminous Patch w/ Base	8,800	SF	$ 5.00	$ 44,000	100%	$ 44,000
			SUBTOTAL		$ 182,200	100%	$ 182,200
			CONTINGENCY	20%	$ 37,000	100%	$ 37,000.00
			CONSTRUCTION TOTAL		$ 219,200		$ 219,200
	INCIDENTALS						
7	Administration		LS	1%	$ 2,200	100%	$ 2,200
8	Engineering Design		LS	12.5%	$ 27,400	100%	$ 27,400
9	Engineering Construction Services		HOURLY	8%	$ 17,600	100%	$ 17,600
10	Legal & Fiscal/ROW	1	EST.		$ 20,000	100%	$ 20,000
11	Miscellaneous	1	EST.		$ 5,000	100%	$ 5,000
12	GIS Mapping	1	EST.		$ 1,000	100%	$ 1,000
							$ -
			TOTAL PROJECT COST		**$ 292,400**	**100%**	**$292,400**

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
10" to 12" PRV Enlargement							
13	Mobilization	1	LS	$ 6,250	$ 6,250	100%	$ 6,250
14	Traffic Control	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
15	Materials Sampling & Testing	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
16	12" PVC Line, Fittings, Bedding, Backfill & Tracer Wire (C900, Class 150, SDR 18: or C909 PC150)	100	LN FT.	$ 100.00	$ 10,000	100%	$ 10,000
17	12" PRV	1	EA	$ 15,000.00	$ 15,000	100%	$ 15,000
18	PRV Station w/ Appurtenances	1	EA	$ 100,000	$ 100,000	100%	$ 100,000
			SUBTOTAL		$ 141,250	100%	$ 141,250
			CONTINGENCY	20%	$ 29,000	100%	$ 29,000
			CONSTRUCTION TOTAL		$ 170,250		$ 170,250
	INCIDENTALS						
17	Administration		LS	1%	$ 1,800	100%	$ 1,800
19	Engineering Design		LS	12.5%	$ 21,300	100%	$ 21,300
20	Engineering Construction Services		HOURLY	8%	$ 13,700	100%	$ 13,700
21	GIS Mapping	0	EST.		$ 1,500	100%	$ 1,500
							$ -
			TOTAL PROJECT COST		**$ 208,550**	**100%**	**$208,550**

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
12" Line Well Connection to Snow Canyon Tank							
22	Mobilization	1	LS	$ 137,500	$ 137,500	100%	$ 137,500
23	Traffic Control	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
24	Materials Sampling & Testing	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
23	12" PVC Line, Fittings, Bedding, Backfill & Tracer Wire (C900, Class 150, SDR 18: or C909 PC150)	26,000	LF	$ 100	$ 2,600,000	100%	$ 2,600,000
25	Misc fittings,pipe, and valve assembly	1	LS	$ 150,000	$ 150,000	100%	$ 150,000
			SUBTOTAL		$ 2,897,500	100%	$ 2,897,500
			CONTINGENCY	20%	$ 580,000	100%	$ 580,000
			CONSTRUCTION TOTAL		$ 3,477,500		$ 3,477,500
	INCIDENTALS						
26	Administration		LS	1%	$ 34,800	100%	$ 34,800
27	Engineering Design		LS	9.0%	$ 313,000	100%	$ 313,000
28	Engineering Construction Services		HOURLY	8%	$ 278,200	100%	$ 278,200
29	Legal & Fiscal/Environmental	0	EST.		$ 50,000	100%	$ 50,000
30	Miscellaneous	0	EST.		$ 15,000	100%	$ 15,000
31	GIS Mapping	0	EST.		$ 1,500	100%	$ 1,500
							$ -
			TOTAL PROJECT COST		**$ 4,170,000**		**$ 4,170,000**

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
New Well							
45	Mobilization	1	LS	$ 68,350	$ 68,350	100%	$ 68,350
46	Traffic Control	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
47	Materials Sampling & Testing	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
46	Conductor Casing	1	LS	$ 40,000	$ 40,000	100%	$ 40,000
48	20" Diameter Well Drilling	1,200	LF	$ 200	$ 240,000	100%	$ 240,000
49	GeoPhysical Logging	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
50	18" Diameter Well Casing	1,200	LF	$ 250	$ 300,000	100%	$ 300,000
51	18" Diameter Stainless Steel Screen	1,200	LF	$ 200	$ 240,000	100%	$ 240,000
52	Misc pipes, fittings, etc	1	LS	$ 50,000	$ 50,000	100%	$ 50,000
53	Conductor Casing Removal	1	LS	$ 10,000	$ 10,000	100%	$ 10,000
54	Pea Gravel (Disinefected)	600	LF	$ 15	$ 9,000	100%	$ 9,000
55	Disenfection	1	LS	$ 5,000	$ 5,000	100%	$ 5,000
56	Well Drillers Report	1	LS	$ 3,000	$ 3,000	100%	$ 3,000
57	Well Equipping	1	LS	$ 175,000	$ 175,000	100%	$ 175,000
58	Well House Building	1	LS	$ 175,000	$ 175,000	100%	$ 175,000
59	Well Site Electrical	1	LS	$ 100,000	$ 100,000	100%	$ 100,000
60	Metering Manhole	1	EA	$ 15,000.00	$ 15,000	100%	$ 15,000
			SUBTOTAL		$ 1,445,350	100%	$ 1,445,350
			CONTINGENCY	20%	$ 290,000	100%	$ 290,000
			CONSTRUCTION TOTAL		$ 1,735,350		$ 1,735,350
	INCIDENTALS						
61	Administration		LS	1%	$ 17,400	100%	$ 17,400
62	Engineering Design		LS	9.0%	$ 156,200	100%	$ 156,200
63	Engineering Construction Services		HOURLY	8%	$ 138,900	100%	$ 138,900
64	Legal & Fiscal/Environmental	0	EST.		$ 50,000	100%	$ 50,000
65	Miscellaneous	0	EST.		$ 15,000	100%	$ 15,000
66	GIS Mapping	0	EST.		$ 1,500	100%	$ 1,500
							$ -
			TOTAL PROJECT COST		**$ 2,114,350**		**$ 2,114,350**

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Irrigation: Riesling Avenue 8" Line							
1	Mobilization	1	LS	$ 4,440	$ 4,440	100%	$ 4,440
2	8" PVC Irrigation Line (DR-18), Bedding, Backfill, Tracer Wire, Etc.	1,200	LF	$ 60	$ 72,000	100%	$ 72,000
3	Misc Connections and Tie Ins	1	LS	$ 2,400	$ 2,400	100%	$ 2,400
4	2.5" Bituminous Surface Coarse	3,600	SF	$ 3.00	$ 10,800	100%	$ 10,800
5	6" Untreated Base Course	3,600	SF	$ 1.00	$ 3,600	100%	$ 3,600
6			**SUBTOTAL**		$ 93,240	100%	$ 93,240
7			**CONTINGENCY**	20%	$ 19,000	100%	$ 19,000.00
8			**CONSTRUCTION TOTAL**		$ 112,240		$ 112,240
9	INCIDENTALS						
10	Administration		LS	1%	$ 1,200	100%	$ 1,200
11	Engineering Design		LS	11.3%	$ 12,700	100%	$ 12,700
12	Engineering Construction Services		HOURLY	8%	$ 9,000	100%	$ 9,000
13	GIS Mapping		EST.		$ 1,000	100%	$ 1,000
						100%	
			TOTAL PROJECT COST		**$ 136,140**	**100%**	**$ 136,140**

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Irrigation: Crestview Drive 8" Line							
1	Mobilization	1	LS	$ 16,430	$ 16,430	100%	$ 16,430
2	8" PVC Irrigation Line (DR-18), Bedding, Backfill, Tracer Wire, Etc.	5,300	LF	$ 60.00	$ 318,000	100%	$ 318,000
3	Misc Connections and Tie Ins	1	LS	$ 10,600.00	$ 10,600	100%	$ 10,600
4	2.5" Bituminous Surface Coarse	15,900	SF	$ 3.00	$ 47,700	100%	$ 47,700
5	6" Untreated Base Course	15,900	SF	$ 1.00	$ 15,900	100%	$ 15,900
			SUBTOTAL		$ 345,030	100%	$345,030
			CONTINGENCY	20%	$ 70,000	100%	$ 70,000.00
			CONSTRUCTION TOTAL		$ 415,030		$ 415,030
	INCIDENTALS						
6	Administration		LS	1%	$ 4,200	100%	$ 4,200
14	Engineering Design		LS	12.5%	$ 51,900	100%	$ 51,900
15	Engineering Construction Services		HOURLY	8%	$ 33,300	100%	$ 33,300
16	Legal & Fiscal/Interim Financing	0	EST.			100%	$ -
17	Miscellaneous	0	EST.			100%	$ -
18	GIS Mapping	0	EST.		$ 800	100%	$ 800
						100%	
			TOTAL PROJECT COST		**$ 505,230**	**100%**	**$ 505,230**

SUNRISE ENGINEERING INC.

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Irrigation: Villa Bonita 8" Line							
19	Mobilization	1	LS	$ 3,300	$ 3,300	100%	$ 3,300
20	8" PVC Irrigation Line (DR-18), Bedding, Backfill, Tracer Wire, Etc.	750	LF	$ 60	$ 45,000	100%	$ 45,000
21	Misc Connections and Tie Ins	1	LS	$ 1,500	$ 12,000	100%	$ 12,000
22	2.5" Bituminous Surface Coarse	2,250	SF	$ 3.00	$ 6,750	100%	$ 6,750
23	6" Untreated Base Course	2,250	SF	$ 1.00	$ 2,250	100%	$ 2,250
			SUBTOTAL		$ 69,300	100%	$ 69,300
			CONTINGENCY	20%	$ 14,000	100%	$ 14,000.00
			CONSTRUCTION TOTAL		$ 83,300		$ 83,300
	INCIDENTALS						$ -
24	Administration		LS	1%	$ 900	100%	$ 900
25	Engineering Design		LS	9.5%	$ 8,000	100%	$ 8,000
26	Engineering Construction Services		HOURLY	8%	$ 6,700	100%	$ 6,700
27	GIS Mapping	0	EST.		$ 1,000	100%	$ 1,000
						100%	
			TOTAL PROJECT COST		**$ 99,900**	**100%**	**$ 99,900**

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Irrigation: North Town Road 8" Line							
28	Mobilization	1	LS	$ 18,075	$ 18,075	100%	$ 18,075
29	8" PVC Irrigation Line (DR-18), Bedding, Backfill, Tracer Wire, Etc.	4,885	LF	$ 60	$ 293,100	100%	$ 293,100
30	Misc Connections and Tie Ins	1	LS	$ 9,770	$ 9,770	100%	$ 9,770
31	2.5" Bituminous Surface Coarse	14,655	SF	$ 3.00	$ 43,965	100%	$ 43,965
32	6" Untreated Base Course	14,655	SF	$ 1.00	$ 14,655	100%	$ 14,655
			SUBTOTAL		$ 379,565	100%	$ 379,565
			CONTINGENCY	20%	$ 76,000	100%	$ 76,000.00
			CONSTRUCTION TOTAL		$ 455,565		$ 455,565
	INCIDENTALS						
33	Administration		LS	1%	$ 4,600	100%	$ 4,600
34	Engineering Design		LS	12.5%	$ 57,000	100%	$ 57,000
35	Engineering Construction Services		HOURLY	8%	$ 36,500	100%	$ 36,500
36	Legal & Fiscal/ROW	0	EST.		$ 20,000	100%	$ 20,000
37	Miscellaneous	0	EST.		$ 5,000	100%	$ 5,000
38	GIS Mapping	0	EST.		$ 1,000	100%	$ 1,000
							$ -
			TOTAL PROJECT COST		**$ 579,665**	**100%**	**$ 579,665**

SUNRISE ENGINEERING INC.

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Irrigation: Sycamore Drive 8" Line							
39	Mobilization	1	LS	$ 4,070	$ 4,070	100%	$ 4,070
40	8" PVC Irrigation Line (DR-18), Bedding, Backfill, Tracer Wire, Etc.	1,100	LF	$ 60	$ 66,000	100%	$ 66,000
41	Misc Connections and Tie Ins	1	LS	$ 2,200	$ 2,200	100%	$ 2,200
42	2.5" Bituminous Surface Coarse	3,300	SF	$ 3.00	$ 9,900	100%	$ 9,900
43	6" Untreated Base Course	3,300	SF	$ 1.00	$ 3,300	100%	$ 3,300
			SUBTOTAL		$ 85,470	100%	$ 85,470
			CONTINGENCY	20%	$ 18,000	100%	$ 18,000.00
			CONSTRUCTION TOTAL		$ 103,470		$ 103,470
	INCIDENTALS						
44	Administration		LS	1%	$ 1,100	100%	$ 1,100
45	Engineering Design		LS	9.7%	$ 10,100	100%	$ 10,100
46	Engineering Construction Services		HOURLY	8%	$ 8,300	100%	$ 8,300
47	GIS Mapping	0	EST.		$ 1,500	100%	$ 1,500
							$ -
			TOTAL PROJECT COST		**$ 124,470**	**100%**	**$ 124,470**

SUNRISE ENGINEERING INC.

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Engineer's Opinion of Probable Cost

SANTA CLARA CITY WATER FACILITY PLAN PROJECTS

NW/MG 11/15/2022

NO.	DESCRIPTION	Est Quantity	Units	Unit Price	TOTAL COST	I.F. Eligible	Impact Fee Eligible Cost
Irrigation: Claude Drive 8" Line							
48	Mobilization	1	LS	$ 4,070	$ 4,070	100%	$ 4,070
49	8" PVC Irrigation Line (DR-18), Bedding, Backfill, Tracer Wire, Etc.	1,100	LF	$ 60	$ 66,000	100%	$ 66,000
50	Misc Connections and Tie Ins	1	LS	$ 2,200	$ 2,200	100%	$ 2,200
51	2.5" Bituminous Surface Coarse	3,300	SF	$ 3.00	$ 9,900	100%	$ 9,900
52	6" Untreated Base Course	3,300	SF	$ 1.00	$ 3,300	100%	$ 3,300
			SUBTOTAL		$ 85,470	100%	$ 85,470
			CONTINGENCY	20%	$ 18,000	100%	$ 18,000.00
			CONSTRUCTION TOTAL		$ 103,470		$ 103,470
	INCIDENTALS						
53	Administration		LS	1%	$ 1,100	100%	$ 1,100
54	Engineering Design		LS	9.7%	$ 10,100	100%	$ 10,100
55	Engineering Construction Services		HOURLY	8%	$ 8,300	100%	$ 8,300
56	GIS Mapping	0	EST.		$ 1,500	100%	$ 1,500
							$ -
			TOTAL PROJECT COST		**$ 124,470**	**100%**	**$ 124,470**

APPENDIX E

PROJECTED CASH FLOW

CASHFLOW PROJECTIONS

CULINARY WATER MASTER PLAN
CITY OF SANTA CLARA

			Actual	Actual	Budget	Budget											
Fiscal Year Beginning July	**0**	**2018**	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**
	0	**2019**	**2020**	**2021**	**2022**	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**	**2033**
Average Rate ERU	$0.00	$44.47	$46.71	$52.07	$49.68	$51.61	$51.61	$51.61	$52.26	$52.91	$53.57	$54.24	$54.92	$55.60	$56.30	$57.00
Connection Fee	$0	$172	$631	$215	$215	$221	$228	$235	$242	$249	$257	$264	$272	$281	$289	$298
Impact fee	$1,973	$1,973	$1,973	$1,973	$1,973	$ 2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970
WCWCD Surcharge Rate/ERU	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75
System Users:																
Total Existing ERU's	2,414	3,068	3,216	3,252	3,424	3,629	3,775	3,926	4,083	4,246	4,416	4,592	4,776	4,967	5,166	5,372
New ERU's:	654	148	36	172	205	145	151	157	163	170	177	184	191	199	207	215
REVENUES:																
User Fees	0	1,637,198	1,802,728	2,031,985	2,041,250	2,292,740	2,384,450	2,479,828	2,611,259	2,749,656	2,895,387	3,048,843	3,210,432	3,380,585	3,559,756	3,748,423
Other Operating Revenues	0	139,998	84,942	158,000	53,500	55,105	56,758	58,461	60,215	62,021	63,882	65,798	67,772	69,805	71,900	74,057
Connection Fees	0	25,484	22,714	44,390	22,160	32,110	34,442	36,885	39,443	42,371	45,440	48,654	52,020	55,825	59,811	63,986
Impact Fees	1,290,342	227,663	191,619	346,860	167,840	431,177	448,425	466,362	485,016	504,417	524,593	545,577	567,400	590,096	613,700	638,248
Interest Income	0	17,491	13,434	10,000	7,500	6,576	22,834	41,305	33,285	18,278	6,515	8,218	9,334	18,456	7,614	10,153
Gain on Disposal	0	0	-6,026	32,000	0	0	0	0	0	0	0	0	0	0	0	0
WCWCD Surcharge	57,561															
Estimated Irrigation User Fee																
TOTAL REVENUE:	**$1,347,903**	**$2,047,834**	**$2,109,411**	**$2,623,235**	**$2,292,250**	**$2,817,709**	**$2,946,909**	**$3,082,840**	**$3,229,219**	**$3,376,743**	**$3,535,817**	**$3,717,090**	**$3,906,958**	**$4,114,767**	**$4,312,780**	**$4,534,867**
EXPENSES: (Inc. O&M & Debt Serv.)	4.50%		3.00%		6.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Salaries, Wages, & Benefits (100's)	0	579,020	564,331	566,416	569,740	598,227	628,138	659,545	692,523	727,149	763,506	801,681	841,765	883,854	928,046	974,449
Materials & Supplies (200's)	0	291,295	331,395	404,650	406,410	418,602	431,160	444,095	457,418	471,141	485,275	499,833	514,828	530,273	546,181	562,566
Professional & Technical Services (300's)	0	33,184	32,210	43,500	47,200	48,616	50,074	51,577	53,124	54,718	56,359	58,050	59,792	61,585	63,433	65,336
Special Dept. Materials & Supplies (400's)	0	68,410	42,571	139,500	64,500	66,435	68,428	70,481	72,595	74,773	77,016	79,327	81,707	84,158	86,683	89,283
Other Charges (500's)	0	573,277	499,653	501,000	26,000	26,780	27,583	28,411	29,263	30,141	31,045	31,977	32,936	33,924	34,942	35,990
Capital Expenses (700's)	0	3,213	11,892	898,500	163,000	167,890	172,927	178,115	183,458	188,962	194,631	200,469	206,484	212,678	219,058	225,630
Others (900's)	0	144,575	183,356	206,521	602,478	620,552	639,169	658,344	678,094	698,437	719,390	740,972	763,201	786,097	809,680	833,970
Irrigation System Expenses								50,000	51,500	53,045	54,636	56,275	57,964	59,703	61,494	63,339
Sub-Total Operation & Maintainance	**$0**	**$1,692,973**	**$1,665,408**	**$2,760,087**	**$1,879,328**	**$1,947,103**	**$2,017,480**	**$2,140,567**	**$2,217,975**	**$2,298,365**	**$2,381,859**	**$2,468,585**	**$2,558,676**	**$2,652,272**	**$2,749,517**	**$2,850,563**
EXISTING DEBT SERVICE (800's)																
Debt Payment to Water District	0	54,081	54,310	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600
All other Debt	0	50,941	46,826	381,834	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722
Sub-Total Existing Debt Service	**$0**	**$105,022**	**$101,136**	**$445,434**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**
NEW DEBT SERVICE																
Division of Water Resources	0					0	0	0	0	0	0	0	0	0	0	0
Revenue Bond Reserves 10%	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sub-Total New Debt Service	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
Total Debt Service	**$0**	**$105,022**	**$101,136**	**$445,434**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**
PROPOSED PROJECT EXPENSES																
Culinary: Water Right Recommendations									**18,000**							
Culinary: North Hamblin Pkwy to North Town Rd 12" Line								**292,400**								
Culinary: 10" to 12" PRV Enlargement								**208,550**								
Culinary: 12" Line Well Connection to Snow Canyon Tank									**$595,714**	**$595,714**	**$595,714**	**$595,714**	**$595,714**	**$595,714**	**$595,714**	
Culinary: New Well															**$352,392**	**$352,392**
Irrigation: Riesling Avenue 8" Line								**$ 136,140**								
Irrigation: Crestview Drive 8" Line									**$252,615**	**$252,615**						
Irrigation: Villa Bonita 8" Line												**$99,900**				
Irrigation: North Town Road 8" Line														**$579,665**		
Irrigation: Sycamore Drive 8" Line																**$124,470**
Irrigation: Claude Drive 8" Line																**$124,470**
Renewal and Replacement Fund		0	0	645,886	0	114,821	118,340	156,349	170,781	174,801	166,345	175,676	175,186	208,849	202,347	190,061
TOTAL EXPENSES:		**$1,797,995**	**$1,766,544**	**$3,851,407**	**$2,228,650**	**$2,411,246**	**$2,485,142**	**$3,283,328**	**$3,604,408**	**$3,670,817**	**$3,493,240**	**$3,689,197**	**$3,678,898**	**$4,385,821**	**$4,249,292**	**$3,991,278**
Net Cashflow		**$249,839**	**$342,867**	**($1,228,172)**	**$63,600**	**$406,463**	**$461,767**	**($200,488)**	**($375,189)**	**($294,074)**	**$42,577**	**$27,893**	**$228,060**	**($271,054)**	**$63,488**	**$543,589**
Project Self Participation																
CASH ON HAND																
*Fund Balance	736,259	986,098	1,328,965	100,793	164,393	570,856	1,032,623	832,135	456,946	162,871	205,448	233,341	461,401	190,347	253,834	797,423
Renewal and Replacement Account Balance:	0	0	0	645,886	645,886	760,707	879,047	1,035,396	1,206,178	1,380,978	1,547,323	1,722,999	1,898,185	2,107,034	2,309,381	2,499,442
Total	**$736,259**	**$986,098**	**$1,328,965**	**$746,679**	**$810,279**	**$1,331,563**	**$1,911,670**	**$1,867,531**	**$1,663,123**	**$1,543,850**	**$1,752,772**	**$1,956,340**	**$2,359,586**	**$2,297,380**	**$2,563,215**	**$3,296,865**

**Fund Balance is obtained by adding the previous year's balance to the net cash flow, minus any self funded portion of future projects.*

CASHFLOW PROJECTIONS

CULINARY WATER MASTER PLAN
CITY OF SANTA CLARA

	Fiscal Year Beginning July	2034	2035	2036	2037	2038	2039	2040	2041	2042
		2035	2036	2037	2038	2039	2040	2041	2042	2043
	Average Rate ERU	$58.44	$59.17	$59.91	$60.66	$61.41	$62.18	$62.96	$63.75	$64.54
	Connection Fee	$316	$325	$335	$345	$355	$366	$377	$388	$400
	Impact fee	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970	$2,970
	WCWCD Surcharge Rate/ERU	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75	$1.75
	System Users:									
	Total Existing ERU's	5,811	6,043	6,285	6,536	6,798	7,070	7,353	7,647	7,953
	New ERU's:	232	242	251	261	272	283	294	306	318
	REVENUES:									
	User Fees	4,156,285	4,376,568	4,608,526	4,852,778	5,109,975	5,380,804	5,665,986	5,966,284	6,282,497
	Other Operating Revenues	78,567	80,924	83,351	85,852	88,427	91,080	93,813	96,627	96,627
	Connection Fees	73,250	78,700	84,076	90,048	96,659	103,585	110,839	118,824	127,188
	Impact Fees	690,329	717,942	746,660	776,526	807,587	839,891	873,486	908,426	944,763
	Interest Income	69,787	114,326	166,111	225,755	308,741	401,591	505,099	620,112	747,548
	Gain on Disposal	0	0	0	0	0	0	0	0	0
	WCWCD Surcharge									
	Estimated Irrigation User Fee									
	TOTAL REVENUE:	**$5,068,218**	**$5,368,460**	**$5,688,724**	**$6,030,959**	**$6,411,389**	**$6,816,950**	**$7,249,224**	**$7,710,272**	**$8,198,623**
	EXPENSES: (Inc. O&M & Debt Serv.)	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%
	Salaries, Wages, & Benefits (100's)	1,074,330	1,128,046	1,184,449	1,243,671	1,305,855	1,371,147	1,439,705	1,511,690	1,587,274
	Materials & Supplies (200's)	596,827	614,732	633,174	652,169	671,734	691,886	712,642	734,022	756,042
	Professional & Technical Services (300's)	69,315	71,394	73,536	75,742	78,014	80,355	82,765	85,248	87,806
	Special Dept. Materials & Supplies (400's)	94,720	97,562	100,489	103,504	106,609	109,807	113,101	116,494	119,989
	Other Charges (500's)	38,182	39,327	40,507	41,722	42,974	44,263	45,591	46,959	48,368
	Capital Expenses (700's)	239,371	246,552	253,949	261,567	269,414	277,497	285,821	294,396	303,228
	Others (900's)	884,759	911,302	938,641	966,800	995,804	1,025,678	1,056,449	1,088,142	1,120,787
	Irrigation System Expenses	67,196	69,212	71,288	73,427	75,629	77,898	80,235	82,642	85,122
	Sub-Total Operation & Maintainance	**$3,064,700**	**$3,178,127**	**$3,296,032**	**$3,418,602**	**$3,546,033**	**$3,678,532**	**$3,816,310**	**$3,959,594**	**$4,108,615**
	EXISTING DEBT SERVICE (800's)									
	Debt Payment to Water District	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600	63,600
	All other Debt	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722	285,722
	Sub-Total Existing Debt Service	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**
	NEW DEBT SERVICE									
	Division of Water Resources	0	0	0	0	0	0	0	0	0
	Revenue Bond Reserves 10%	0	0	0	0	0	0	0	0	0
	Sub-Total New Debt Service	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**
	Total Debt Service	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**	**$349,322**
	PROPOSED PROJECT EXPENSES									
	Culinary: Water Right Recommendations									
	Culinary: North Hamblin Pkwy to North Town Rd 12" Line									
	Culinary: 10" to 12" PRV Enlargement									
	Culinary: 12" Line Well Connection to Snow Canyon Tank									
	Culinary: New Well	**$352,392**	**$352,392**	**$352,392**						
	Irrigation: Riesling Avenue 8" Line				**$**	-				
	Irrigation: Crestview Drive 8" Line									
	Irrigation: Villa Bonita 8" Line									
	Irrigation: North Town Road 8" Line									
	Irrigation: Sycamore Drive 8" Line									
	Irrigation: Claude Drive 8" Line									
	Renewal and Replacement Fund	188,321	193,992	199,887	188,396	194,768	201,393	208,282	215,446	222,897
	TOTAL EXPENSES:	**$3,954,734**	**$4,073,833**	**$4,197,633**	**$3,956,320**	**$4,090,123**	**$4,229,246**	**$4,373,914**	**$4,524,362**	**$4,680,834**
	Net Cashflow	**$1,113,484**	**$1,294,627**	**$1,491,091**	**$2,074,639**	**$2,321,266**	**$2,587,704**	**$2,875,310**	**$3,185,911**	**$3,517,789**
	Project Self Participation									
	CASH ON HAND									
	*Fund Balance	2,858,160	4,152,787	5,643,878	7,718,517	10,039,783	12,627,487	15,502,797	18,688,708	22,206,497
	Renewal and Replacement Account Balance:	2,870,626	3,064,618	3,264,506	3,452,902	3,647,670	3,849,062	4,057,344	4,272,790	4,495,687
	Total	**$5,728,787**	**$7,217,406**	**$8,908,384**	**$11,171,419**	**$13,687,453**	**$16,476,550**	**$19,560,141**	**$22,961,498**	**$26,702,183**

**Fund Balance is obtained by adding the previous year's balance to the net cash flow, minus any self funded portion of future projects.*

APPENDIX F

IMPACT FEE CERTIFICATION

CERTIFICATION OF IMPACT FEE ANALYSIS BY CONSULTANT

In accordance with Utah Code Annotated, § 11-36a-306 Nathan Wallentine, P.E., on behalf of Sunrise Engineering, Inc., makes the following certification:

I certify that the attached impact fee facilities plan and impact fee analysis:

1. Includes only the costs for qualifying public facilities that are:
    a. Allowed under the Impact Fees Act; and
    b. Actually incurred; or
    c. Projected to be incurred or encumbered within six years after each impact fee is paid;
2. Does not include:
    a. costs of operation and maintenance of public facilities;
    b. costs for qualifying public facilities that will raise the level of service for the facilities, through impact fees, above the level of service that is supported by existing residents;
    c. an expense for overhead, unless the expense is calculated pursuant to a methodology that is consistent with generally accepted cost accounting practices and that methodological standards set forth by the federal Office of Management and Budget for federal grant reimbursement; and
3. Offsets costs with grants or other alternate sources of payment (if grants or other sources of payment have been applied for and received and such information was made available when the Impact Fee Analysis was prepared); and
4. Complies in each and every relevant respect with the Impact Fees Act.

Nathan Wallentine, P.E. makes this certification with the following qualifications:

1. All of the recommendations for implementations of the Impact Fee Facilities Plan ("IFFP") made in the IFFP documents or in the Impact Fee Analysis documents are followed in their entirety by Santa Clara City staff and elected officials.
2. If all or a portion of the IFFP's or Impact Fee Analyses are modified or amended, this certification is no longer valid.
3. All information provided to Sunrise Engineering, Inc., its contractors or suppliers is assumed to be correct, complete and accurate. This includes information provided by the City and outside sources.

4. The undersigned is trained and licensed as a professional engineer and has not been trained or licensed as a lawyer. Nothing in the foregoing certification shall be deemed an opinion of law or an opinion of compliance with law which under applicable professional licensing laws or regulations or other laws or regulations must be rendered by a lawyer licensed in the State of Utah.
5. The foregoing Certification is an expression of professional opinion based on the undersigned's best knowledge, information and belief and shall not be construed as a warranty or guaranty of any fact or circumstance.
6. The foregoing certification is made only to Santa Clara City and may not be used or relied upon by any other person or entity without the expressed written authorization of the undersigned.

Sunrise Engineering, Inc.

By: _____

Dated: _____

From: Santa Clara City ITEM 4
To: Kate Casselman; Chris Shelley; Brock Jacobsen; Selena Nez
Subject: City Council Action Application Form submitted on Santa Clara City by [990]
Date: Tuesday, April 11, 2023 7:59:58 AM
Attachments: 230411135947_city-council-action-application_formidable_entries_netkk.csv

Meeting Type	CITY COUNCIL
Date Submitted	April 11, 2023
Requested Meeting Date	April 19, 2023
Applicant	Andrew Parker, Fire Chief
Subject	Insurance Services Office (ISO) Classification Update
Background Description	ISO is an independent company that serves insurance companies, communities, fire departments, insurance regulators, and others by providing risk information. ISO's expert staff collects information about municipal fire suppression efforts in communities throughout the United States. In each of those communities, ISO analyzes the relevant data and assigns a PPC grade – a number from 1 to 10. Class 1 represents an exemplary fire suppression program, and Class 10 indicates that the area's fire suppression program does not meet ISO minimum criteria. In many communities, fire suppression may be only a small part of the fire department's overall responsibility. ISO recognizes the dynamic and comprehensive duties of a community's fire service and understands the complex decisions a community must make in planning and delivering emergency services. However, in developing a community's PPC grade, only features related to reducing property losses from structural fires are evaluated. As a result of re-opening the Center Street Fire Station and establishing service to the Northwest response area, the 2023 ISO 4 classification has been re-instated (effective July 1st, 2023) to properties within the boundaries of Ivins and Santa Clara City limits. Please note that the 4/X classification indicates that all unincorporated areas outside of the five-mile radius of a fire station receive the ISO 10 classification (i.e., Motoqua), and those properties within five drive miles of a station, but further than 1000 feet from a fire hydrant will receive an ISO 9 classification.
Proposed Recommendation (drop-down select	Discussion

Cost	0
File Upload	https://s3.us-west-004.backblazeb2.com/sccity/formidable/21/CMCI-Community-Report-7-1-23.pdf https://s3.us-west-004.backblazeb2.com/sccity/formidable/21/6xaAeo9X-2023-ISO-Update-SCIFR.pdf
Approved by Legal Department (drop-down select)	N/A
Approved in Budget? (drop-down select)	N/A
Approved by City Finance Department? (drop-down select)	N/A
Amount	0
Requested By	Andrew Parker

Public Protection Classification

(PPC©)

Summary Report

Santa Clara - Ivins FPSA

UTAH

Prepared by

Insurance Services Office, Inc.
1000 Bishops Gate Blvd., Ste. 300
P.O. Box 5404
Mt. Laurel, New Jersey 08054-5404
1-800-444-4554

Report Created March 2023

Effective July 1, 2023

PPC is a registered trademark of Insurance Services Office, Inc.

Background Information

Introduction

ISO collects and evaluates information from communities in the United States on their structure fire suppression capabilities. The data is analyzed using our Fire Suppression Rating Schedule (FSRS) and then a Public Protection Classification (PPC©) grade is assigned to the community. The surveys are conducted whenever it appears that there is a possibility of a PPC change. As such, the PPC program provides important, up-to-date information about fire protection services throughout the country.

The FSRS recognizes fire protection features only as they relate to suppression of first alarm structure fires. In many communities, fire suppression may be only a small part of the fire department's overall responsibility. ISO recognizes the dynamic and comprehensive duties of a community's fire service, and understands the complex decisions a community must make in planning and delivering emergency services. However, in developing a community's PPC grade, only features related to reducing property losses from structural fires are evaluated. Multiple alarms, simultaneous incidents and life safety are not considered in this evaluation. The PPC program evaluates the fire protection for small to average size buildings. Specific properties with a Needed Fire Flow in excess of 3,500 gpm are evaluated separately and assigned an individual PPC grade.

A community's investment in fire mitigation is a proven and reliable predictor of future fire losses. Statistical data on insurance losses bears out the relationship between excellent fire protection – as measured by the PPC program – and low fire losses. So, insurance companies use PPC information for marketing, underwriting, and to help establish fair premiums for homeowners and commercial fire insurance. In general, the price of fire insurance in a community with a good PPC grade is substantially lower than in a community with a poor PPC grade, assuming all other factors are equal.

ISO is an independent company that serves insurance companies, communities, fire departments, insurance regulators, and others by providing information about risk. ISO's expert staff collects information about municipal fire suppression efforts in communities throughout the United States. In each of those communities, ISO analyzes the relevant data and assigns a PPC grade – a number from 1 to 10. Class 1 represents an exemplary fire suppression program, and Class 10 indicates that the area's fire suppression program does not meet ISO's minimum criteria.

ISO's PPC program evaluates communities according to a uniform set of criteria, incorporating nationally recognized standards developed by the National Fire Protection Association and the American Water Works Association. A community's PPC grade depends on:

- **Needed Fire Flows**, which are representative building locations used to determine the theoretical amount of water necessary for fire suppression purposes.
- **Emergency Communications**, including emergency reporting, telecommunicators, and dispatching systems.
- **Fire Department**, including equipment, staffing, training, geographic distribution of fire companies, operational considerations, and community risk reduction.
- **Water Supply**, including inspection and flow testing of hydrants, alternative water supply operations, and a careful evaluation of the amount of available water compared with the amount needed to suppress fires up to 3,500 gpm.

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Data Collection and Analysis

ISO has evaluated and classified over 39,000 fire protection areas across the United States using its FSRS. A combination of meetings between trained ISO field representatives and the dispatch center coordinator, community fire official, and water superintendent is used in conjunction with a comprehensive questionnaire to collect the data necessary to determine the PPC grade. In order for a community to obtain a grade better than a Class 9, three elements of fire suppression features are reviewed. These three elements are Emergency Communications, Fire Department, and Water Supply.

A review of the **Emergency Communications** accounts for 10% of the total classification. This section is weighted at **10 points,** as follows:

- Emergency Reporting 3 points
- Telecommunicators 4 points
- Dispatch Circuits 3 points

A review of the **Fire Department** accounts for 50% of the total classification. ISO focuses on a fire department's first alarm response and initial attack to minimize potential loss. The fire department section is weighted at **50 points,** as follows:

- Engine Companies 6 points
- Reserve Pumpers 0.5 points
- Pump Capacity 3 points
- Ladder/Service Companies 4 points
- Reserve Ladder/Service Trucks 0.5 points
- Deployment Analysis 10 points
- Company Personnel 15 points
- Training 9 points
- Operational considerations 2 points
- Community Risk Reduction 5.5 points (in addition to the 50 points above)

A review of the **Water Supply** system accounts for 40% of the total classification. ISO reviews the water supply a community uses to determine the adequacy for fire suppression purposes. The water supply system is weighted at **40 points,** as follows:

- Credit for Supply System 30 points
- Hydrant Size, Type & Installation 3 points
- Inspection & Flow Testing of Hydrants 7 points

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There is one additional factor considered in calculating the final score – **Divergence**.

Even the best fire department will be less than fully effective if it has an inadequate water supply. Similarly, even a superior water supply will be less than fully effective if the fire department lacks the equipment or personnel to use the water. The FSRS score is subject to modification by a divergence factor, which recognizes disparity between the effectiveness of the fire department and the water supply.

The Divergence factor mathematically reduces the score based upon the relative difference between the fire department and water supply scores. The factor is introduced in the final equation.

PPC Grade

The PPC grade assigned to the community will depend on the community's score on a 100-point scale:

PPC	Points
1	90.00 or more
2	80.00 to 89.99
3	70.00 to 79.99
4	60.00 to 69.99
5	50.00 to 59.99
6	40.00 to 49.99
7	30.00 to 39.99
8	20.00 to 29.99
9	10.00 to 19.99
10	0.00 to 9.99

The classification numbers are interpreted as follows:

- Class 1 through (and including) Class 8 represents a fire suppression system that includes an FSRS creditable dispatch center, fire department, and water supply.
- Class 8B is a special classification that recognizes a superior level of fire protection in otherwise Class 9 areas. It is designed to represent a fire protection delivery system that is superior except for a lack of a water supply system capable of the minimum FSRS fire flow criteria of 250 gpm for 2 hours.
- Class 9 is a fire suppression system that includes a creditable dispatch center, fire department but no FSRS creditable water supply.
- Class 10 does not meet minimum FSRS criteria for recognition, including areas that are beyond five road miles of a recognized fire station.

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New PPC program changes effective July 1, 2014

We have revised the PPC program to capture the effects of enhanced fire protection capabilities that reduce fire loss and fire severity in Split Class 9 and Split Class 8B areas (as outlined below). This new structure benefits the fire service, community, and property owner.

New classifications
Through ongoing research and loss experience analysis, we identified additional differentiation in fire loss experience within our PPC program, which resulted in the revised classifications. We based the differing fire loss experience on the fire suppression capabilities of each community. The new PPC classes will improve the predictive value for insurers while benefiting both commercial and residential property owners. Here are the new classifications and what they mean.

Split classifications
When we develop a split classification for a community — for example 5/9 — the first number is the class that applies to properties within 5 road miles of the responding fire station and 1,000 feet of a creditable water supply, such as a fire hydrant, suction point, or dry hydrant. The second number is the class that applies to properties within 5 road miles of a fire station but beyond 1,000 feet of a creditable water supply. We have revised the classification to reflect more precisely the risk of loss in a community, replacing Class 9 and 8B in the second part of a split classification with revised designations.

What's changed with the new classifications?
We've published the new classifications as "X" and "Y" — formerly the "9" and "8B" portion of the split classification, respectively. For example:

- A community currently displayed as a split 6/9 classification will now be a split 6/6X classification; with the "6X" denoting what was formerly classified as "9".
- Similarly, a community currently graded as a split 6/8B classification will now be a split 6/6Y classification, the "6Y" denoting what was formerly classified as "8B".
- Communities graded with single "9" or "8B" classifications will remain intact.

Prior Classification	New Classification
1/9	1/1X
2/9	2/2X
3/9	3/3X
4/9	4/4X
5/9	5/5X
6/9	6/6X
7/9	7/7X
8/9	8/8X
9	9

Prior Classification	New Classification
1/8B	1/1Y
2/8B	2/2Y
3/8B	3/3Y
4/8B	4/4Y
5/8B	5/5Y
6/8B	6/6Y
7/8B	7/7Y
8/8B	8/8Y
8B	8B

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What's changed?
As you can see, we're still maintaining split classes, but it's how we represent them to insurers that's changed. The new designations reflect a reduction in fire severity and loss and have the potential to reduce property insurance premiums.

Benefits of the revised split class designations

- To the fire service, the revised designations identify enhanced fire suppression capabilities used throughout the fire protection area
- To the community, the new classes reward a community's fire suppression efforts by showing a more reflective designation
- To the individual property owner, the revisions offer the potential for decreased property insurance premiums

New water class
Our data also shows that risks located more than 5 but less than 7 road miles from a responding fire station with a creditable water source within 1,000 feet had better loss experience than those farther than 5 road miles from a responding fire station with no creditable water source. We've introduced a new classification —10W — to recognize the reduced loss potential of such properties.

What's changed with Class 10W?
Class 10W is property-specific. Not all properties in the 5-to-7-mile area around the responding fire station will qualify. The difference between Class 10 and 10W is that the 10W-graded risk or property is within 1,000 feet of a creditable water supply. Creditable water supplies include fire protection systems using hauled water in any of the split classification areas.

What's the benefit of Class 10W?
10W gives credit to risks within 5 to 7 road miles of the responding fire station and within 1,000 feet of a creditable water supply. That's reflective of the potential for reduced property insurance premiums.

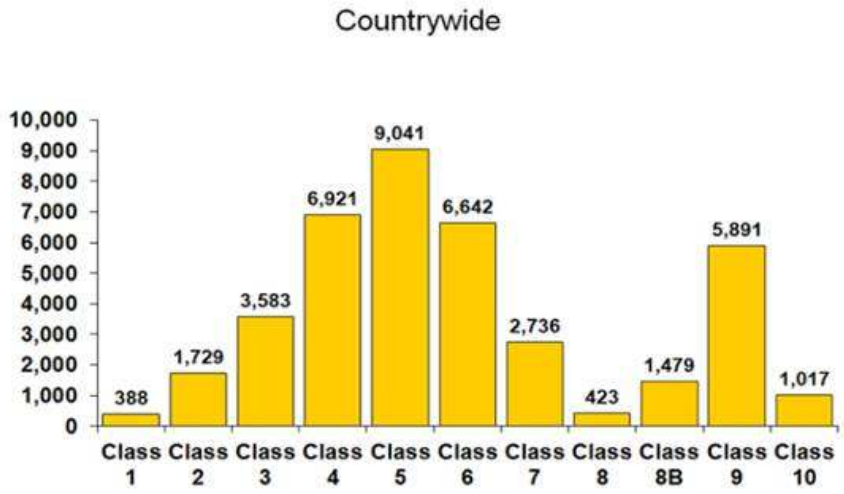
What does the fire chief have to do?
Fire chiefs don't have to do anything at all. The revised classifications went in place automatically effective July 1, 2014 (July 1, 2015 for Texas).

What if I have additional questions?
Feel free to contact ISO at 800.444.4554 or email us at PPC-Cust-Serv@iso.com.

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Distribution of PPC Grades

The 2020 published countrywide distribution of communities by the PPC grade is as follows:



Assistance

The PPC program offers help to communities, fire departments, and other public officials as they plan for, budget, and justify improvements. ISO is also available to assist in the understanding of the details of this evaluation.

The PPC program representatives can be reached by telephone at (800) 444-4554. The technical specialists at this telephone number have access to the details of this evaluation and can effectively speak with you about your questions regarding the PPC program. What's more, we can be reached via the internet at www.isomitigation.com/talk/.

We also have a website dedicated to our Community Hazard Mitigation Classification programs at www.isomitigation.com. Here, fire chiefs, building code officials, community leaders and other interested citizens can access a wealth of data describing the criteria used in evaluating how cities and towns are protecting residents from fire and other natural hazards. This website will allow you to learn more about the PPC program. The website provides important background information, insights about the PPC grading processes and technical documents. ISO is also pleased to offer Fire Chiefs Online — a special, secured website with information and features that can help improve your PPC grade, including a list of the Needed Fire Flows for all the commercial occupancies ISO has on file for your community. Visitors to the site can download information, see statistical results and also contact ISO for assistance.

In addition, on-line access to the FSRS and its commentaries is available to registered customers for a fee. However, fire chiefs and community chief administrative officials are given access privileges to this information without charge.

To become a registered fire chief or community chief administrative official, register at www.isomitigation.com.

PPC Review

ISO concluded its review of the fire suppression features being provided for Santa Clara - Ivins FPSA. The resulting community classification is **Class 04/4X**.

If the classification is a single class, the classification applies to properties with a Needed Fire Flow of 3,500 gpm or less in the community. If the classification is a split class (e.g., 6/XX):

- The first class (e.g., "6" in a 6/XX) applies to properties within 5 road miles of a recognized fire station and within 1,000 feet of a fire hydrant or alternate water supply.
- The second class (XX or XY) applies to properties beyond 1,000 feet of a fire hydrant but within 5 road miles of a recognized fire station.
- Alternative Water Supply: The first class (e.g., "6" in a 6/10) applies to properties within 5 road miles of a recognized fire station with no hydrant distance requirement.
- Class 10 applies to properties over 5 road miles of a recognized fire station.
- Class 10W applies to properties within 5 to 7 road miles of a recognized fire station with a recognized water supply within 1,000 feet.
- Specific properties with a Needed Fire Flow in excess of 3,500 gpm are evaluated separately and assigned an individual classification.

FSRS Feature	Earned Credit	Credit Available
Emergency Communications		
414. Credit for Emergency Reporting	**3.00**	**3**
422. Credit for Telecommunicators	**4.00**	**4**
432. Credit for Dispatch Circuits	**2.85**	**3**
440. Credit for Emergency Communications	**9.85**	**10**
Fire Department		
513. Credit for Engine Companies	**3.91**	**6**
523. Credit for Reserve Pumpers	**0.20**	**0.50**
532. Credit for Pump Capacity	**3.00**	**3**
549. Credit for Ladder Service	**1.25**	**4**
553. Credit for Reserve Ladder and Service Trucks	**0.00**	**0.50**
561. Credit for Deployment Analysis	**4.87**	**10**
571. Credit for Company Personnel	**6.00**	**15**
581. Credit for Training	**4.11**	**9**
730. Credit for Operational Considerations	**2.00**	**2**
590. Credit for Fire Department	**25.34**	**50**
Water Supply		
616. Credit for Supply System	**28.11**	**30**
621. Credit for Hydrants	**2.99**	**3**
631. Credit for Inspection and Flow Testing	**3.95**	**7**
640. Credit for Water Supply	**35.05**	**40**
Divergence	**-7.39**	**--**
1050. Community Risk Reduction	**3.42**	**5.50**
Total Credit	**66.27**	**105.50**

Emergency Communications

Ten percent of a community's overall score is based on how well the communications center receives and dispatches fire alarms. Our field representative evaluated:

- Communications facilities provided for the general public to report structure fires
- Enhanced 9-1-1 Telephone Service including wireless
- Computer-aided dispatch (CAD) facilities
- Alarm receipt and processing at the communication center
- Training and certification of telecommunicators
- Facilities used to dispatch fire department companies to reported structure fires

	Earned Credit	Credit Available
414. Credit Emergency Reporting	**3.00**	3
422. Credit for Telecommunicators	**4.00**	4
432. Credit for Dispatch Circuits	**2.85**	3
Item 440. Credit for Emergency Communications:	**9.85**	**10**

Item 414 - Credit for Emergency Reporting (3 points)

The first item reviewed is Item 414 "Credit for Emergency Reporting (CER)". This item reviews the emergency communication center facilities provided for the public to report fires including 911 systems (Basic or Enhanced), Wireless Phase I and Phase II, Voice over Internet Protocol, Computer Aided Dispatch and Geographic Information Systems for automatic vehicle location. ISO uses National Fire Protection Association (NFPA) 1221, *Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems* as the reference for this section.

Item 410. Emergency Reporting (CER)	Earned Credit	Credit Available
A./B. Basic 9-1-1, Enhanced 9-1-1 or No 9-1-1 For maximum credit, there should be an Enhanced 9-1-1 system, Basic 9-1-1 and No 9-1-1 will receive partial credit.	**20.00**	**20**
1. E9-1-1 Wireless Wireless Phase I using Static ALI (automatic location identification) Functionality (10 points); Wireless Phase II using Dynamic ALI Functionality (15 points); Both available will be 25 points	**25.00**	**25**
2. E9-1-1 Voice over Internet Protocol (VoIP) Static VoIP using Static ALI Functionality (10 points); Nomadic VoIP using Dynamic ALI Functionality (15 points); Both available will be 25 points	**25.00**	**25**
3. Computer Aided Dispatch Basic CAD (5 points); CAD with Management Information System (5 points); CAD with Interoperability (5 points)	**15.00**	**15**
4. Geographic Information System (GIS/AVL) The PSAP uses a fully integrated CAD/GIS management system with automatic vehicle location (AVL) integrated with a CAD system providing dispatch assignments. The individual fire departments being dispatched do not need GIS/AVL capability to obtain this credit.	**15.00**	**15**
Review of Emergency Reporting total:	**100.00**	**100**

Item 422- Credit for Telecommunicators (4 points)

The second item reviewed is Item 422 "Credit for Telecommunicators (TC)". This item reviews the number of Telecommunicators on duty at the center to handle fire calls and other emergencies. All emergency calls including those calls that do not require fire department action are reviewed to determine the proper staffing to answer emergency calls and dispatch the appropriate emergency response. The 2013 Edition of NFPA 1221, *Standard for the Installation, Maintenance and Use of Emergency Services Communications Systems,* recommends that ninety-five percent of emergency calls shall be answered within 15 seconds and ninety-nine percent of emergency calls shall be answered within 40 seconds. In addition, NFPA recommends that eighty percent of emergency alarm processing shall be completed within 60 seconds and ninety-five percent of alarm processing shall be completed within 106 seconds of answering the call.

To receive full credit for operators on duty, ISO must review documentation to show that the communication center meets NFPA 1221 call answering and dispatch time performance measurement standards. This documentation may be in the form of performance statistics or other performance measurements compiled by the 9-1-1 software or other software programs that are currently in use such as Computer Aided Dispatch (CAD) or Management Information System (MIS).

Item 420. Telecommunicators (CTC)	Earned Credit	Credit Available
A1. Alarm Receipt (AR) Receipt of alarms shall meet the requirements in accordance with the criteria of NFPA 1221	**20.00**	**20**
A2. Alarm Processing (AP) Processing of alarms shall meet the requirements in accordance with the criteria of NFPA 1221	**20.00**	**20**
B. Emergency Dispatch Protocols (EDP) Telecommunicators have emergency dispatch protocols (EDP) containing questions and a decision-support process to facilitate correct call categorization and prioritization.	**20.00**	**20**
C. Telecommunicator Training and Certification (TTC) Telecommunicators meet the qualification requirements referenced in NFPA 1061, *Standard for Professional Qualifications for Public Safety Telecommunicator,* and/or the Association of Public-Safety Communications Officials - International (APCO) *Project 33.* Telecommunicators are certified in the knowledge, skills, and abilities corresponding to their job functions.	**20.00**	**20**
D. Telecommunicator Continuing Education and Quality Assurance (TQA) Telecommunicators participate in continuing education and/or in-service training and quality-assurance programs as appropriate for their positions	**20.00**	**20**
Review of Telecommunicators total:	**100.00**	**100**

Item 432 - Credit for Dispatch Circuits (3 points)

The third item reviewed is Item 432 “Credit for Dispatch Circuits (CDC)”. This item reviews the dispatch circuit facilities used to transmit alarms to fire department members. A “Dispatch Circuit” is defined in NFPA 1221 as “A circuit over which an alarm is transmitted from the communications center to an emergency response facility (ERF) or emergency response units (ERUs) to notify ERUs to respond to an emergency”. All fire departments (except single fire station departments with full-time firefighter personnel receiving alarms directly at the fire station) need adequate means of notifying all firefighter personnel of the location of reported structure fires. The dispatch circuit facilities should be in accordance with the general criteria of NFPA 1221. “Alarms” are defined in this Standard as “A signal or message from a person or device indicating the existence of an emergency or other situation that requires action by an emergency response agency”.

There are two different levels of dispatch circuit facilities provided for in the Standard – a primary dispatch circuit and a secondary dispatch circuit. In jurisdictions that receive 730 alarms or more per year (average of two alarms per 24-hour period), two separate and dedicated dispatch circuits, a primary and a secondary, are needed. In jurisdictions receiving fewer than 730 alarms per year, a second dedicated dispatch circuit is not needed. Dispatch circuit facilities installed but not used or tested (in accordance with the NFPA Standard) receive no credit.

The score for Credit for Dispatch Circuits (CDC) is influenced by monitoring for integrity of the primary dispatch circuit. There are up to 0.90 points available for this Item. Monitoring for integrity involves installing automatic systems that will detect faults and failures and send visual and audible indications to appropriate communications center (or dispatch center) personnel. ISO uses NFPA 1221 to guide the evaluation of this item. ISO's evaluation also includes a review of the communication system's emergency power supplies.

Item 432 “Credit for Dispatch Circuits (CDC)” = 2.85 points

Fire Department

Fifty percent of a community's overall score is based upon the fire department's structure fire suppression system. ISO's field representative evaluated:

- Engine and ladder/service vehicles including reserve apparatus
- Equipment carried
- Response to reported structure fires
- Deployment analysis of companies
- Available and/or responding firefighters
- Training

	Earned Credit	Credit Available
513. Credit for Engine Companies	**3.91**	6
523. Credit for Reserve Pumpers	**0.20**	0.5
532. Credit for Pumper Capacity	**3.00**	3
549. Credit for Ladder Service	**1.25**	4
553. Credit for Reserve Ladder and Service Trucks	**0.00**	0.5
561. Credit for Deployment Analysis	**4.87**	10
571. Credit for Company Personnel	**6.00**	15
581. Credit for Training	**4.11**	9
730. Credit for Operational Considerations	**2.00**	2
Item 590. Credit for Fire Department:	**25.34**	**50**

Basic Fire Flow

The Basic Fire Flow for the community is determined by the review of the Needed Fire Flows for selected buildings in the community. The fifth largest Needed Fire Flow is determined to be the Basic Fire Flow. The Basic Fire Flow has been determined to be 3000 gpm.

Item 513 - Credit for Engine Companies (6 points)

The first item reviewed is Item 513 "Credit for Engine Companies (CEC)". This item reviews the number of engine companies, their pump capacity, hose testing, pump testing and the equipment carried on the in-service pumpers. To be recognized, pumper apparatus must meet the general criteria of NFPA 1901, *Standard for Automotive Fire Apparatus* which include a minimum 250 gpm pump, an emergency warning system, a 300 gallon water tank, and hose. At least 1 apparatus must have a permanently mounted pump rated at 750 gpm or more at 150 psi.

The review of the number of needed pumpers considers the response distance to built-upon areas; the Basic Fire Flow; and the method of operation. Multiple alarms, simultaneous incidents, and life safety are not considered.

The greatest value of A, B, or C below is needed in the fire district to suppress fires in structures with a Needed Fire Flow of 3,500 gpm or less: **3 engine companies**

a) **2 engine companies** to provide fire suppression services to areas to meet NFPA 1710 criteria or within 1½ miles.

b) **3 engine companies** to support a Basic Fire Flow of 3000 gpm.

c) **3 engine companies** based upon the fire department's method of operation to provide a minimum two engine response to all first alarm structure fires.

The FSRS recognizes that there are **2 engine companies** in service.

The FSRS also reviews Automatic Aid. Automatic Aid is considered in the review as assistance dispatched automatically by contractual agreement between two communities or fire districts. That differs from mutual aid or assistance arranged case by case. ISO will recognize an Automatic Aid plan under the following conditions:

- It must be prearranged for first alarm response according to a definite plan. It is preferable to have a written agreement, but ISO may recognize demonstrated performance.
- The aid must be dispatched to all reported structure fires on the initial alarm.
- The aid must be provided 24 hours a day, 365 days a year.

FSRS Item 512.D "Automatic Aid Engine Companies" responding on first alarm and meeting the needs of the city for basic fire flow and/or distribution of companies are factored based upon the value of the Automatic Aid plan (up to 1.00 can be used as the factor). The Automatic Aid factor is determined by a review of the Automatic Aid provider's communication facilities, how they receive alarms from the graded area, inter-department training between fire departments, and the fire ground communications capability between departments.

For each engine company, the credited Pump Capacity (PC), the Hose Carried (HC), the Equipment Carried (EC) all contribute to the calculation for the percent of credit the FSRS provides to that engine company.

Item 513 "Credit for Engine Companies (CEC)" = 3.91 points

Item 523 - Credit for Reserve Pumpers (0.50 points)

The item is Item 523 “Credit for Reserve Pumpers (CRP)”. This item reviews the number and adequacy of the pumpers and their equipment. The number of needed reserve pumpers is 1 for each 8 needed engine companies determined in Item 513, or any fraction thereof.

Item 523 “Credit for Reserve Pumpers (CRP)” = 0.20 points

Item 532 – Credit for Pumper Capacity (3 points)

The next item reviewed is Item 532 “Credit for Pumper Capacity (CPC)”. The total pump capacity available should be sufficient for the Basic Fire Flow of 3000 gpm. The maximum needed pump capacity credited is the Basic Fire Flow of the community.

Item 532 “Credit for Pumper Capacity (CPC)” = 3.00 points

Item 549 – Credit for Ladder Service (4 points)

The next item reviewed is Item 549 “Credit for Ladder Service (CLS)”. This item reviews the number of response areas within the city with 5 buildings that are 3 or more stories or 35 feet or more in height, or with 5 buildings that have a Needed Fire Flow greater than 3,500 gpm, or any combination of these criteria. The height of all buildings in the city, including those protected by automatic sprinklers, is considered when determining the number of needed ladder companies. Response areas not needing a ladder company should have a service company. Ladders, tools and equipment normally carried on ladder trucks are needed not only for ladder operations but also for forcible entry, ventilation, salvage, overhaul, lighting and utility control.

The number of ladder or service companies, the height of the aerial ladder, aerial ladder testing and the equipment carried on the in-service ladder trucks and service trucks is compared with the number of needed ladder trucks and service trucks and an FSRS equipment list. Ladder trucks must meet the general criteria of NFPA 1901, *Standard for Automotive Fire Apparatus* to be recognized.

The number of needed ladder-service trucks is dependent upon the number of buildings 3 stories or 35 feet or more in height, buildings with a Needed Fire Flow greater than 3,500 gpm, and the method of operation.

The FSRS recognizes that there are **0 ladder companies** in service. These companies are needed to provide fire suppression services to areas to meet NFPA 1710 criteria or within 2½ miles and the number of buildings with a Needed Fire Flow over 3,500 gpm or 3 stories or more in height, or the method of operation.

The FSRS recognizes that there are **1 service companies** in service.

Item 549 “Credit for Ladder Service (CLS)” = 1.25 points

Item 553 – Credit for Reserve Ladder and Service Trucks (0.50 points)

The next item reviewed is Item 553 "Credit for Reserve Ladder and Service Trucks (CRLS)". This item considers the adequacy of ladder and service apparatus when one (or more in larger communities) of these apparatus are out of service. The number of needed reserve ladder and service trucks is 1 for each 8 needed ladder and service companies that were determined to be needed in Item 540, or any fraction thereof.

Item 553 "Credit for Reserve Ladder and Service Trucks (CRLS)" = 0.00 points

Item 561 – Deployment Analysis (10 points)

Next, Item 561 "Deployment Analysis (DA)" is reviewed. This Item examines the number and adequacy of existing engine and ladder-service companies to cover built-upon areas of the city.

To determine the Credit for Distribution, first the Existing Engine Company (EC) points and the Existing Engine Companies (EE) determined in Item 513 are considered along with Ladder Company Equipment (LCE) points, Service Company Equipment (SCE) points, Engine-Ladder Company Equipment (ELCE) points, and Engine-Service Company Equipment (ESCE) points determined in Item 549.

Secondly, as an alternative to determining the number of needed engine and ladder/service companies through the road-mile analysis, a fire protection area may use the results of a systematic performance evaluation. This type of evaluation analyzes computer-aided dispatch (CAD) history to demonstrate that, with its current deployment of companies, the fire department meets the time constraints for initial arriving engine and initial full alarm assignment in accordance with the general criteria of in NFPA 1710, *Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments.*

A determination is made of the percentage of built upon area within 1½ miles of a first-due engine company and within 2½ miles of a first-due ladder-service company.

Item 561 "Credit Deployment Analysis (DA)" = 4.87 points

Item 571 – Credit for Company Personnel (15 points)

Item 571 "Credit for Company Personnel (CCP)" reviews the average number of existing firefighters and company officers available to respond to reported first alarm structure fires in the city.

The on-duty strength is determined by the yearly average of total firefighters and company officers on-duty considering vacations, sick leave, holidays, "Kelley" days and other absences. When a fire department operates under a minimum staffing policy, this may be used in lieu of determining the yearly average of on-duty company personnel.

Firefighters on apparatus not credited under Items 513 and 549 that regularly respond to reported first alarms to aid engine, ladder, and service companies are included in this item as increasing the total company strength.

Firefighters staffing ambulances or other units serving the general public are credited if they participate in fire-fighting operations, the number depending upon the extent to which they are available and are used for response to first alarms of fire.

On-Call members are credited on the basis of the average number staffing apparatus on first alarms. Off-shift career firefighters and company officers responding on first alarms are considered on the same basis as on-call personnel. For personnel not normally at the fire station, the number of responding firefighters and company officers is divided by 3 to reflect the time needed to assemble at the fire scene and the reduced ability to act as a team due to the various arrival times at the fire location when compared to the personnel on-duty at the fire station during the receipt of an alarm.

The number of Public Safety Officers who are positioned in emergency vehicles within the jurisdiction boundaries may be credited based on availability to respond to first alarm structure fires. In recognition of this increased response capability the number of responding Public Safety Officers is divided by 2.

The average number of firefighters and company officers responding with those companies credited as Automatic Aid under Items 513 and 549 are considered for either on-duty or on-call company personnel as is appropriate. The actual number is calculated as the average number of company personnel responding multiplied by the value of AA Plan determined in Item 512.D.

The maximum creditable response of on-duty and on-call firefighters is 12, including company officers, for each existing engine and ladder company and 6 for each existing service company.

Chief Officers are not creditable except when more than one chief officer responds to alarms; then extra chief officers may be credited as firefighters if they perform company duties.

The FSRS recognizes **6.00 on-duty personnel** and an average of **0.00 on-call personnel** responding on first alarm structure fires.

Item 571 "Credit for Company Personnel (CCP)" = 6.00 points

Item 581 – Credit for Training (9 points)

Training	Earned Credit	Credit Available
A. Facilities, and Use For maximum credit, each firefighter should receive 18 hours per year in structure fire related subjects as outlined in NFPA 1001.	**8.25**	**35**
B. Company Training For maximum credit, each firefighter should receive 16 hours per month in structure fire related subjects as outlined in NFPA 1001.	**6.75**	**25**
C. Classes for Officers For maximum credit, each officer should be certified in accordance with the general criteria of NFPA 1021. Additionally, each officer should receive 12 hours of continuing education on or off site.	**6.67**	**12**
D. New Driver and Operator Training For maximum credit, each new driver and operator should receive 60 hours of driver/operator training per year in accordance with NFPA 1002 and NFPA 1451.	**5.00**	**5**
E. Existing Driver and Operator Training For maximum credit, each existing driver and operator should receive 12 hours of driver/operator training per year in accordance with NFPA 1002 and NFPA 1451.	**1.67**	**5**
F. Training on Hazardous Materials For maximum credit, each firefighter should receive 6 hours of training for incidents involving hazardous materials in accordance with NFPA 472.	**0.33**	**1**
G. Recruit Training For maximum credit, each firefighter should receive 240 hours of structure fire related training in accordance with NFPA 1001 within the first year of employment or tenure.	**5.00**	**5**
H. Pre-Fire Planning Inspections For maximum credit, pre-fire planning inspections of each commercial, industrial, institutional, and other similar type building (all buildings except 1-4 family dwellings) should be made annually by company members. Records of inspections should include up-to date notes and sketches.	**12.0(**	**12**

Item 580 "Credit for Training (CT)" = 4.11 points

Item 730 – Operational Considerations (2 points)

Item 730 "Credit for Operational Considerations (COC)" evaluates fire department standard operating procedures and incident management systems for emergency operations involving structure fires.

Operational Considerations	Earned Credit	Credit Available
Standard Operating Procedures The department should have established SOPs for fire department general emergency operations	**50**	**50**
Incident Management Systems The department should use an established incident management system (IMS)	**50**	**50**
Operational Considerations total:	**100**	**100**

Item 730 "Credit for Operational Considerations (COC)" = 2.00 points

Water Supply

Forty percent of a community's overall score is based on the adequacy of the water supply system. The ISO field representative evaluated:

- the capability of the water distribution system to meet the Needed Fire Flows at selected locations up to 3,500 gpm.
- size, type and installation of fire hydrants.
- inspection and flow testing of fire hydrants.

	Earned Credit	Credit Available
616. Credit for Supply System	**28.11**	30
621. Credit for Hydrants	**2.99**	3
631. Credit for Inspection and Flow Testing	**3.95**	7
Item 640. Credit for Water Supply:	**35.05**	**40**

Item 616 – Credit for Supply System (30 points)

The first item reviewed is Item 616 "Credit for Supply System (CSS)". This item reviews the rate of flow that can be credited at each of the Needed Fire Flow test locations considering the supply works capacity, the main capacity and the hydrant distribution. The lowest flow rate of these items is credited for each representative location. A water system capable of delivering 250 gpm or more for a period of two hours plus consumption at the maximum daily rate at the fire location is considered minimum in the ISO review.

Where there are 2 or more systems or services distributing water at the same location, credit is given on the basis of the joint protection provided by all systems and services available.

The supply works capacity is calculated for each representative Needed Fire Flow test location, considering a variety of water supply sources. These include public water supplies, emergency supplies (usually accessed from neighboring water systems), suction supplies (usually evidenced by dry hydrant installations near a river, lake or other body of water), and supplies developed by a fire department using large diameter hose or vehicles to shuttle water from a source of supply to a fire site. The result is expressed in gallons per minute (gpm).

The normal ability of the distribution system to deliver Needed Fire Flows at the selected building locations is reviewed. The results of a flow test at a representative test location will indicate the ability of the water mains (or fire department in the case of fire department supplies) to carry water to that location.

The hydrant distribution is reviewed within 1,000 feet of representative test locations measured as hose can be laid by apparatus.

For maximum credit, the Needed Fire Flows should be available at each location in the district. Needed Fire Flows of 2,500 gpm or less should be available for 2 hours; and Needed Fire Flows of 3,000 and 3,500 gpm should be obtainable for 3 hours.

Item 616 "Credit for Supply System (CSS)" = 28.11 points

Item 621 – Credit for Hydrants (3 points)

The second item reviewed is Item 621 "Credit for Hydrants (CH)". This item reviews the number of fire hydrants of each type compared with the total number of hydrants.

There are a total of 1224 hydrants in the graded area.

620. Hydrants, - Size, Type and Installation	Number of Hydrants
A. With a 6 -inch or larger branch and a pumper outlet with or without 2½ -inch outlets	1216
B. With a 6 -inch or larger branch and no pumper outlet but two or more 2½ -inch outlets, or with a small foot valve, or with a small barrel	1
C./D. With only a 2½ -inch outlet or with less than a 6 -inch branch	7
E./F. Flush Type, Cistern, or Suction Point	0

Item 621 "Credit for Hydrants (CH)" = 2.99 points

Item 630 – Credit for Inspection and Flow Testing (7 points)

The third item reviewed is Item 630 "Credit for Inspection and Flow Testing (CIT)". This item reviews the fire hydrant inspection frequency, and the completeness of the inspections. Inspection of hydrants should be in accordance with AWWA M-17, *Installation, Field Testing and Maintenance of Fire Hydrants.*

Frequency of Inspection (FI): Average interval between the 3 most recent inspections.

Frequency	Points
1 year	30
2 years	20
3 years	10
4 years	5
5 years or more	No Credit

Note: The points for inspection frequency are reduced by 10 points if the inspections are incomplete or do not include a flushing program. An additional reduction of 10 points are made if hydrants are not subjected to full system pressure during inspections. If the inspection of cisterns or suction points does not include actual drafting with a pumper, or back-flushing for dry hydrants, 20 points are deducted.

Total points for Inspections = 1.25 points

Frequency of Fire Flow Testing (FF): Average interval between the 3 most recent inspections.

Frequency	Points
5 years	40
6 years	30
7 years	20
8 years	10
9 years	5
10 years or more	No Credit

Total points for Fire Flow Testing = 2.70 points

Item 631 "Credit for Inspection and Fire Flow Testing (CIT)" = 3.95 points

Divergence = -7.39

The Divergence factor mathematically reduces the score based upon the relative difference between the fire department and water supply scores. The factor is introduced in the final equation.

Community Risk Reduction

	Earned Credit	Credit Available
1025. Credit for Fire Prevention and Code Enforcement (CPCE)	**1.54**	2.2
1033. Credit for Public Fire Safety Education (CFSE)	**0.94**	2.2
1044. Credit for Fire Investigation Programs (CIP)	**0.94**	1.1
Item 1050. Credit for Community Risk Reduction	**3.42**	**5.50**

Item 1025 – Credit for Fire Prevention Code Adoption and Enforcement (2.2 points)	Earned Credit	Credit Available
Fire Prevention Code Regulations (PCR)	10.00	10

Evaluation of fire prevention code regulations in effect.		
Fire Prevention Staffing (PS) Evaluation of staffing for fire prevention activities.	**3.55**	**8**
Fire Prevention Certification and Training (PCT) Evaluation of the certification and training of fire prevention code enforcement personnel.	**4.00**	**6**
Fire Prevention Programs (PCP) Evaluation of fire prevention programs.	**10.50**	**16**
Review of Fire Prevention Code and Enforcement (CPCE) subtotal:	**28.05**	**40**

Item 1033 – Credit for Public Fire Safety Education (2.2 points)	**Earned Credit**	**Credit Available**
Public Fire Safety Educators Qualifications and Training (FSQT) Evaluation of public fire safety education personnel training and qualification as specified by the authority having jurisdiction.	**1.33**	**10**
Public Fire Safety Education Programs (FSP) Evaluation of programs for public fire safety education.	**15.75**	**30**
Review of Public Safety Education Programs (CFSE) subtotal:	**17.08**	**40**

Item 1044 – Credit for Fire Investigation Programs (1.1 points)	**Earned Credit**	**Credit Available**
Fire Investigation Organization and Staffing (IOS) Evaluation of organization and staffing for fire investigations.	**8.00**	**8**
Fire Investigator Certification and Training (IQT) Evaluation of fire investigator certification and training.	**3.15**	**6**
Use of National Fire Incident Reporting System (IRS) Evaluation of the use of the National Fire Incident Reporting System (NFIRS) for the 3 years before the evaluation.	**6.00**	**6**
Review of Fire Investigation Programs (CIP) subtotal:	**17.15**	**20**

Summary of PPC Review
for
Santa Clara - Ivins FPSA

FSRS Item	Earned Credit	Credit Available
Emergency Communications		
414. Credit for Emergency Reporting	**3.00**	**3**
422. Credit for Telecommunicators	**4.00**	**4**
432. Credit for Dispatch Circuits	**2.85**	**3**
440. Credit for Emergency Communications	**9.85**	**10**
Fire Department		
513. Credit for Engine Companies	**3.91**	**6**
523. Credit for Reserve Pumpers	**0.20**	**0.5**
532. Credit for Pumper Capacity	**3.00**	**3**
549. Credit for Ladder Service	**1.25**	**4**
553. Credit for Reserve Ladder and Service Trucks	**0.00**	**0.5**
561. Credit for Deployment Analysis	**4.87**	**10**
571. Credit for Company Personnel	**6.00**	**15**
581. Credit for Training	**4.11**	**9**
730. Credit for Operational Considerations	**2.00**	**2**
590. Credit for Fire Department	**25.34**	**50**
Water Supply		
616. Credit for Supply System	**28.11**	**30**
621. Credit for Hydrants	**2.99**	**3**
631. Credit for Inspection and Flow Testing	**3.95**	**7**
640. Credit for Water Supply	**35.05**	**40**
Divergence	**-7.39**	**--**
1050. Community Risk Reduction	**3.42**	**5.50**
Total Credit	**66.27**	**105.5**

Final Community Classification = 04/4X

PPC is a registered trademark of Insurance Services Office, Inc.

Santa Clara–Ivins Fire Rescue

2023 ISO Update

*Effective July 1st, 2023

Why PPC ("ISO Rating") Matters

- ISO is an evaluation of the community's fire protection as they relate to the suppression of first-alarm structure fires.
- It contrasts the community's growth with the corresponding fire protection every 5 years.
- The next review will be in 2027.
- In the last decade, fires have caused direct insured losses of more than $120 billion and countless billions in related costs.
- Virtually all property insurers in the country receive ISO's advisory PPCs for a variety of marketing, underwriting, and writing purposes, generally offering lower premiums in communities with better protection.

Public Protection Classification (PPC)

- A community with a PPC of 1 generally has superior fire suppression capabilities; a community-graded PPC of 10 generally has no recognized fire protection from a property insurance standpoint.
- A community's investment in fire mitigation is a proven and reliable predictor of future fire losses & ISO rating and assigns risk to properties (like a credit score to a person's finances).
- Risks can change as the response area grows without corresponding fire protection growth.
- ISO classifications:

Poor **Best**

10 - 1

"ISO RATING"

Fire Suppression Rating Schedule (FSRS)

- The Fire Suppression Rating Schedule (FSRS) lists many items, facilities, and practices that a community should have to fight fires effectively. The schedule is performance-based and assigns credit points for each item.
- The credit points and various formulas, FSRS calculates a total score on a scale of:

Poor **Best**

0 - 105.5

“FSRS SCORE”

A Side–by–Side Look

	Poor		Best
ISO Rating (PPC)	10	-	1
Rating Score (FSRS)	0	-	105.5

ISO Class 4 Rating

We are proud to announce that the Santa Clara-Ivins Fire Rescue has achieved an ISO Class 4/4x rating. (**2022- *Previously reduced to ISO 9 & 10 in areas of Ivins***)

This rating puts us in the top 16% of fire departments in the state of Utah, and top 17% of fire departments in the country.

Community Benefits

- Depending on the insurance carrier, it is reported to have up to a 5% decrease in insurance rates per class.
- Slower growth rate in rates for all users.

PPC Rating



PPC Grade	ISO 1	ISO 2	ISO 3	ISO 4	ISO 5	ISO 6	ISO7	ISO8	ISO9	ISO 10
PPC Score	90+	89-80	79-70	69-60	59-50	49-40	39-30	29-20	19-10	9-0
US %	1%	4%	8%	17%	22%	17%	7%	5%	16%	3%
UTAH %	1%	2%	9%	16%	33%	27%	4%	1%	2%	5%

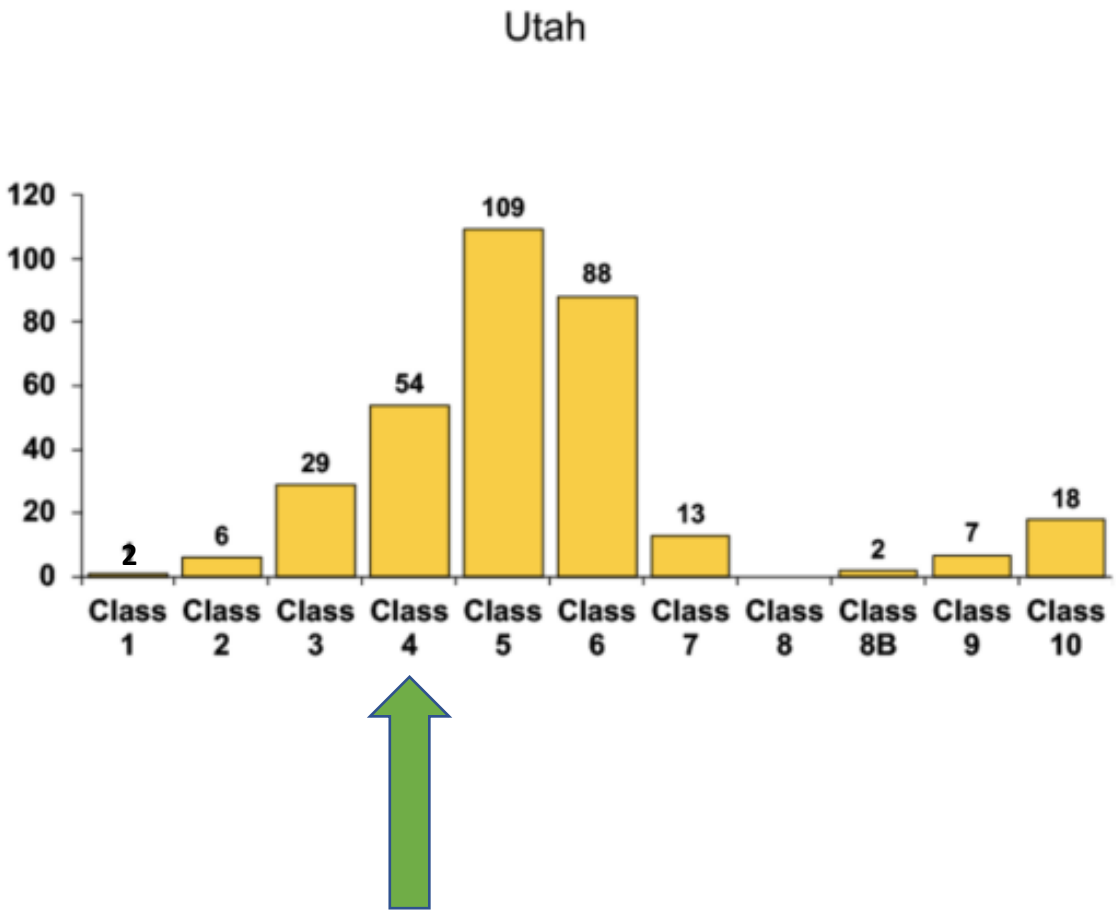
SCIFR Historical Score & Ratings

- 1987 ISO Class 7 UTO
- 2003 ISO Class 5 Score 57.46
- 2014 ISO Class 4 Score 60.69
- 2019 ISO Class 4/4x Score 60.35
- 2021 ISO Class 4 Santa Clara City/ Portions of Northwest Ivins ISO 9 & 10
- 2023 ISO Class 4/4x Score 66.27

Future Goal

- *2027 ISO Class 3 Score 75-79*

PPC Rating


Utah
120
100
80
60
40
20
0
2
6
29
54
109
88
13
2
7
18
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 8B
Class 9
Class 10


Countrywide
10,000
9,000
8,000
7,000
6,000
5,000
4,000
3,000
2,000
1,000
0
348
1,597
3,490
6,991
9,214
6,964
2,947
472
1,559
6,501
1,094
Class 1
Class 2
Class 3
Class 4
Class 5
Class 6
Class 7
Class 8
Class 8B
Class 9
Class 10

From: Santa Clara City
To: Kate Casselman; Chris Shelley; Brock Jacobsen; Selena Nez
Subject: City Council Action Application Form submitted on Santa Clara City by [990] Thursday, April 13, 2023 12:42:10 PM ITEM 5
Date:
Attachments: 230413184201_city-council-action-application_formidable_entries_3z5tu.csv

Meeting Type	CITY COUNCIL
Date Submitted	April 11, 2023
Requested Meeting Date	April 19, 2023
Applicant	Debbie Bannon
Subject	Budget Review for Fiscal Year 2023_24
Background Description	Present the current project requests to the council as well as review where the budget is at for Fiscal Year 2023_24.
Proposed Recommendation (drop-down select	Discussion
Cost	0
File Upload	https://s3.us-west-004.backblazeb2.com/sccity/formidable/21/Budget-FY-23_24.pdf
Approved by Legal Department (drop-down select)	N/A
Approved in Budget? (drop-down select)	N/A
Approved by City Finance Department? (drop-down select)	N/A
Amount	0
Requested By	Debbie Bannon



CITY OF

SANTA CLARA

FISCAL YEAR 2022-2023 BUDGET

STORM WATER FUND

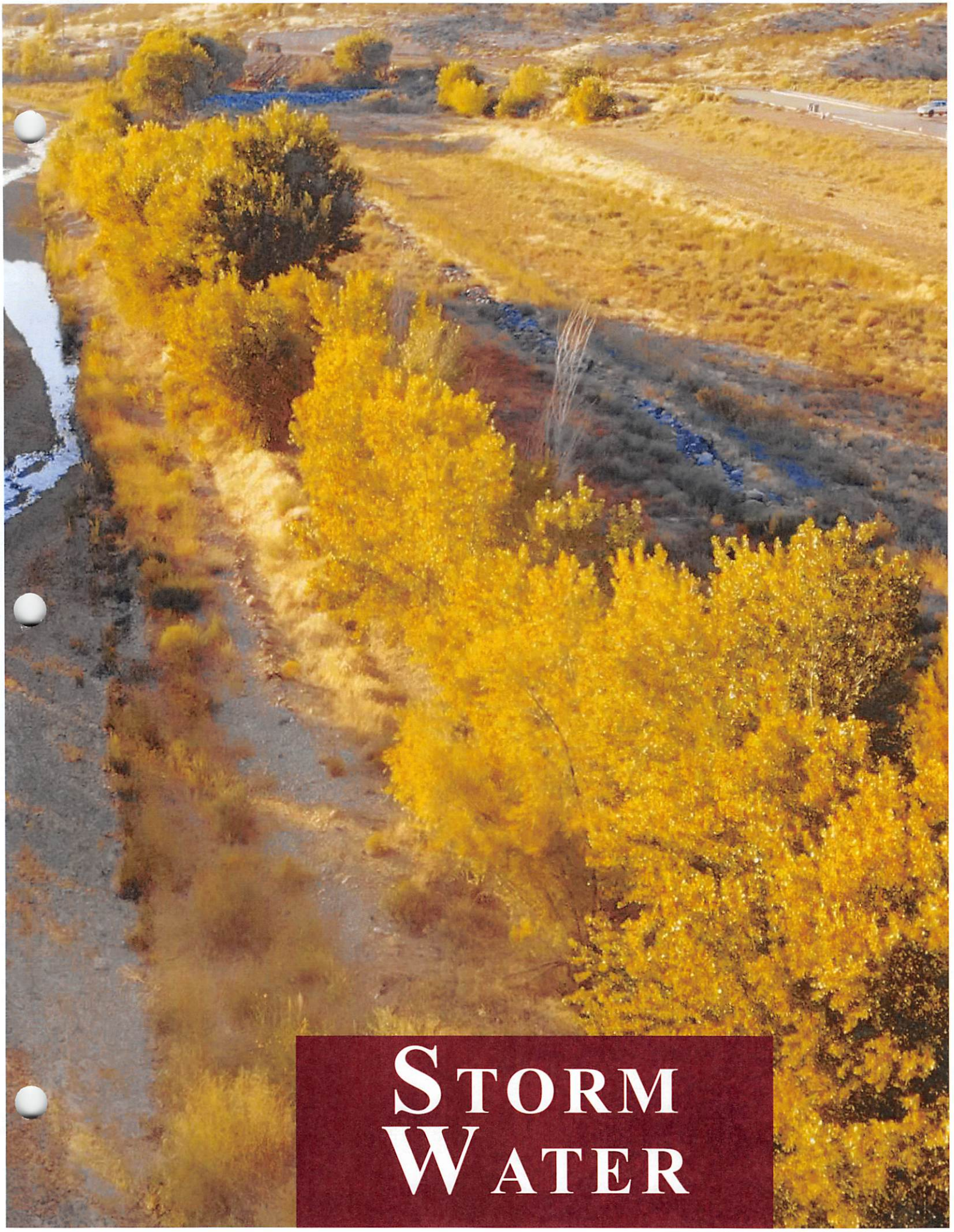
STORM WATER FUND EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
54.5410-110	SALARIES & WAGES	130,174	137,668	118,727	132,787	127,545
54.5410-125	OVERTIME	2,161	389	541	2,126	1,142
54.5410-131	FICA	9,975	10,548	8,966	10,321	9,845
54.5410-132	RETIREMENT	18,574	9,685	19,648	27,055	20,823
54.5410-133	INSURANCE	25,378	25,487	31,432	29,778	30,691
54.5410-210	SUBSCRIPTIONS & MEMBERSHIPS	1,250	1,350	1,250	1,400	1,400
54.5410-220	PUBLIC NOTICES	0	0	0	0	0
54.5410-230	TRAVEL	1,004	0	0	1,500	1,500
54.5410-240	OFFICE SUPPLIES	48	765	0	750	500
54.5410-246	UNIFORMS	355	771	899	800	2,500
54.5410-250	OPERATING SUPPLIES	2,656	1,767	315	3,000	4,000
54.5410-251	FUEL	3,936	5,115	6,272	5,000	7,000
54.5410-252	STORM DRAIN SUPPLIES	544	0	0	0	0
54.5410-253	REPAIRS & MAINTENANCE	4,628	9,741	4,893	8,000	8,000
54.5410-260	BUILDING MAINTENANCE	0	0	0	0	0
54.5410-280	TELEPHONE	0	0	0	0	0
54.5410-281	CELL PHONE	1,430	1,017	625	0	0
54.5410-320	ENGINEERING SERVICES	7,246	4,026	1,400	5,000	45,000
54.5410-325	CREDIT/DEBIT CARD FEES	2,852	3,403	3,096	2,000	3,000
54.5410-330	LEGAL SERVICES	0	1,795	0	2,000	1,000
'.5410-340	ACCOUNTING & AUDITING SERVICES	2,563	0	2,900	5,000	5,000
4.5410-350	MEDICAL & DRUG TESTING	0	0	0	200	200
54.5410-360	TRAINING	1,215	80	200	1,500	1,500
54.5410-370	PROFESSIONAL SERVICES	45,811	24,559	0	10,000	0
54.5410-415	STORM DRAIN CLEANING	1,222	2,524	2,280	3,000	7,500
54.5410-510	INSURANCE AND SURETY BONDS	7,325	8,542	8,183	12,500	12,500
54.5410-520	BAD DEBT	0	402	11	0	100
54.5410-590	DEPRECIATION	165,218	171,031	0	0	0
54.5410-730	IMPROVEMENTS	1,238	13,995	21,656	0	200,000
54.5410-740	CAPITAL EQUIPMENT	1,678	0	185,711	0	0
54.5410-770	FLOOD CONTROL DIST. SURCHARGE	49,547	51,762	49,083	52,920	54,900
54.5410-790	OTHER	0	8,769	0	0	0
54.5410-810	PRINCIPAL ON BONDS	0	0	88,800	93,000	122,000
54.5410-820	INTEREST ON BONDS	19,749	16,441	7,552	19,532	16,245
54.5410-825	LEASE PAYMENTS	0	0	1,777	0	0
54.5410-830	FISCAL AGENT FEES	0	0	0	2,000	0
54.5410-831	BOND ISSUE COSTS	0	0	0	0	0
54.5410-910	TRANSFERS TO GENERAL FUND	25,000	30,000	0	30,000	0
54.5410-918	TRANSFER TO PUBLIC SERV SHOPS	25,981	26,509	25,694	25,694	19,819
54.5410-976	TRANSFER TO FUND BALANCE	0	0	0	110,128	0
54.5410-980	UNAPPROPRIATED FUND BALANCE	0	0	0	0	0
	TOTAL STORM WATER FUND	**558,758**	**568,142**	**591,910**	**596,991**	**703,710**

Storm Water Fund

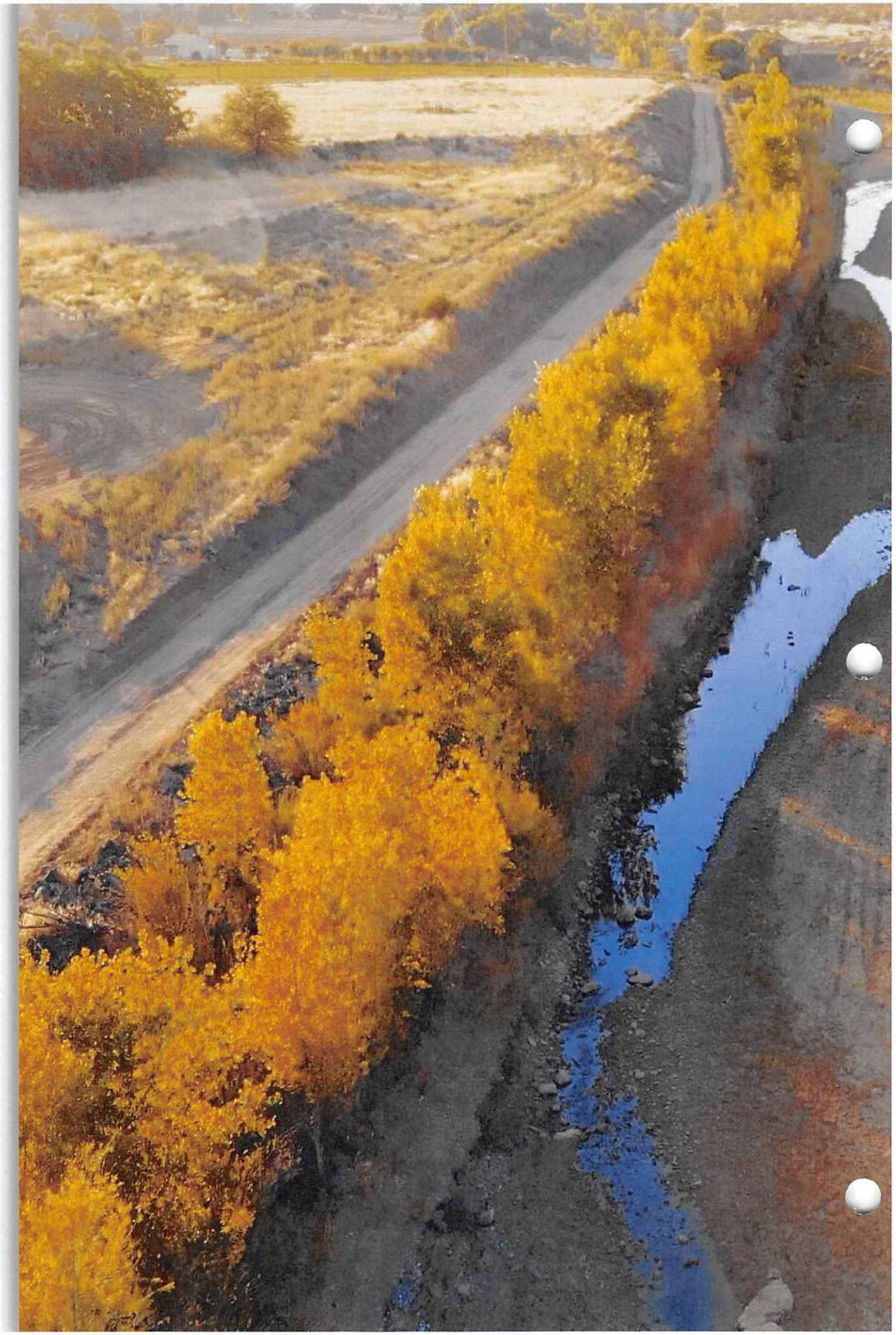
The Storm Water Department is responsible for cleaning, inspecting, blue staking, constructing, and maintaining the City Storm Water system. The department maintains approximately 10 miles of storm water lines, 65 storm drain outfalls and 437 storm drain inlet boxes. The Fiscal Year 2023 budget is $ 703,710 which is an increase of 14% from Fiscal Year 2022.



STORM WATER FUND REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
54.3714-000	SURCHARGE FEE	481,859	512,018	493,090	488,646	513,078
54.3720-000	STORM WATER FEES	16,606	30,774	19,800	10,000	17,500
54.3721-000	INTEREST EARNINGS	2,847	715	112	1,000	1,500
54.3722-000	PENALTIES	2,093	2,634	2,034	1,500	2,600
54.3723-000	CONNECTION FEES	0	0	0	0	0
54.3724-000	GAIN/LOSS DISPOSAL FIXED ASSET	0	0	0	0	0
54.3725-000	MISCELLANEOUS	75,636	565	0	52,920	0
54.3729-000	STORM WATER IMPACT FEES	41,787	83,005	48,609	41,425	51,781
54.3731-000	STORM WATER IMPACT INTEREST	6,634	1,547	841	1,500	1,500
54.3750-000	CAPITAL CONTRIBUTIONS - SUB	0	0	0	0	0
54.3780-000	IMPACT FEE RESERVE	0	0	0	0	0
54.3781-000	APPROPRIATED FUND BALANCE	0	0	0	0	115,751
	TOTAL STORM FUND REVENUE	**627,462**	**631,258**	**564,486**	**596,991**	**703,710**



STORM WATER



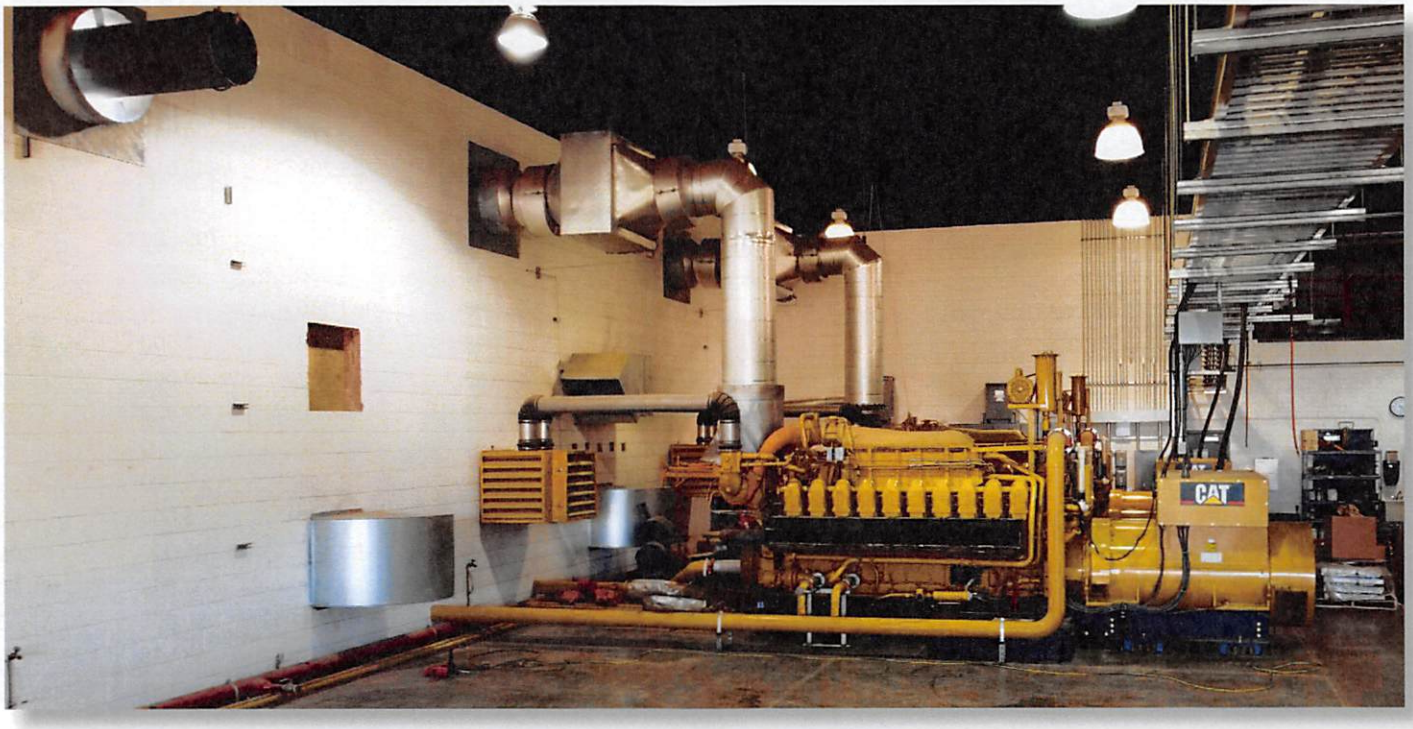
ELECTRIC FUND EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
53.5310-110	SALARIES & WAGES	503,408	591,914	554,801	600,075	715,461
53.5310-125	OVERTIME	20,436	3,530	6,642	11,725	3,726
53.5310-131	FICA	38,902	43,516	41,901	46,803	55,018
53.5310-132	RETIREMENT	99,285	58,939	103,230	102,967	127,951
53.5310-133	INSURANCE	107,932	109,523	123,171	141,676	168,944
53.5310-210	SUBSCRIPTIONS & MEMBERSHIPS	191	603	638	500	500
53.5310-220	PUBLIC NOTICES	0	0	0	300	300
53.5310-230	TRAVEL	16,273	1,076	16,002	16,000	16,000
53.5310-240	OFFICE SUPPLIES	988	5,785	2,412	3,160	5,000
53.5310-246	UNIFORMS	3,561	1,979	4,162	3,500	5,000
53.5310-249	SAFETY EQUIPMENT	3,176	5,444	5,587	3,000	4,000
53.5310-250	OPERATING SUPPLIES	4,775	6,158	9,710	8,000	10,000
53.5310-251	FUEL	5,567	7,992	8,292	7,000	7,500
53.5310-252	SUPPLIES & METERS	770	1,710	0	20,000	50,000
53.5310-253	REPAIRS & MAINTENANCE	8,962	13,296	33,912	14,000	20,000
53.5310-254	NEW SUBDIVISION EXPENSES	2,509	0	868,243	0	0
53.5310-260	BUILDING MAINTENANCE	688	1,441	2,016	6,000	4,000
53.5310-270	UTILITIES - GENERATOR PLANT	2,062	12,412	14,393	20,000	20,000
53.5310-271	UTILITIES - STREETSCAPE	4,991	5,008	5,723	5,500	5,500
53.5310-280	TELEPHONE	0	0	0	0	0
53.5310-281	CELL PHONES	8,101	8,348	7,761	9,000	9,000
53.5310-310	IT SERVICES	5,557	11,253	0	4,000	4,000
53.5310-320	ENGINEERING SERVICES	0	9,648	56,138	20,000	25,000
53.5310-325	CREDIT/DEBIT CARD FEES	13,310	15,882	14,447	14,000	14,000
53.5310-330	LEGAL SERVICES	1,860	1,560	1,950	3,000	3,000
53.5310-340	ACCOUNTING & AUDITING SERVICES	7,744	9,100	6,775	14,000	8,000
53.5310-350	MEDICAL & DRUG TESTING	144	275	389	300	300
53.5310-360	TRAINING	8,588	0	3,379	3,000	7,000
53.5310-370	PROFESSIONAL SERVICES	0	9,127	26,765	3,000	5,000
53.5310-466	POWER LINES/POLES/ASSOC PARTS	146,826	29,348	67,871	80,000	80,000
53.5310-469	SCADA MATERIALS & SUPPLIES	0	1,200	0	10,000	10,000
53.5310-510	INSURANCE AND SURETY BONDS	27,540	29,897	30,733	35,000	35,000
53.5310-520	BAD DEBT	0	4,740	123	2,500	0
53.5310-590	DEPRECIATION	530,325	571,147	0	0	0
53.5310-591	AMORTIZATION	0	0	0	0	0
53.5310-610	GENERATOR FUEL	45,678	95,247	49,660	100,000	125,000
53.5310-625	O & M GENERATORS	0	0	0	0	0
53.5310-630	MISC EXPENSES FOR GENERATORS	10,107	48,993	173,836	40,000	40,000
53.5310-720	LAND & BUILDINGS	0	0	0	0	0
53.5310-725	69 KVA LINE EXPENSION	0	0	0	0	0
53.5310-730	IMPROVEMENTS	7,440	12,103	131,413	380,000	90,675
53.5310-740	CAPITAL EQUIPMENT	25,366	0	86,147	120,000	222,500
53.5310-750	LAND EASEMENTS & RIGHT OF WAYS	1,290	1,317	1,481	1,300	1,500
53.5310-810	PRINCIPAL ON BONDS	0	0	0	346,000	412,000
53.5310-820	INTEREST ON BONDS	69,520	58,677	20,276	58,500	87,890
53.5310-825	LEASE PAYMENTS	0	0	1,777	0	2,000
53.5310-830	FISCAL AGENT FEES	3,500	34,750	33,250	3,500	3,500
53.5310-850	TRANSFER TO ELECTRIC IMPACT FE	0	0	0	0	0
53.5310-910	TRANSFERS TO OTHER FUNDS	0	0	0	0	0
53.5310-918	TRANSFER TO PUBLIC SERV SHOPS	63,981	67,146	62,256	62,256	62,717
53.5310-930	FRANCHISE FEE TO GENERAL FUND	292,267	346,190	270,905	300,000	400,000
53.5310-950	POWER PURCHASE - UAMPS	1,400,887	2,264,111	2,236,296	1,500,000	2,500,000
53.5310-951	POWER OWNERSHIP COSTS -UAMPS	1,268,811	1,322,120	1,145,730	1,200,000	1,300,000
53.5310-952	LINE ITEM EXPENSES - UAMPS	143,199	80,783	13,494	150,000	150,000
53.5310-976	TRANSFER TO FUND BALANCE	0	0	0	0	70,152
	TOTAL ELECTRIC FUND	**4,906,514**	**5,903,288**	**6,243,686**	**5,469,562**	**6,887,134**

Electric Fund

The Power department is responsible for our Generation substation, officially designated as the "Fort Clara Power Station". This multi-million dollar addition to Santa Clara's power resources enables the city to distribute more power to residents, and positions the city for greater power advantages as growth expands. The power generation system allows for the city to assure adequate power during peak times of consumption and in case of a power emergency. It also minimizes the needs for expensive power purchases on the open market and provides opportunity for generating power for market sales. The 10,800 square foot power station is currently in operation with two two-megat-watt generators , with two additional 2.5MW units currently being installed. The space allows for a total of six units. The generators are powered by natural gas, keeping costs down and emissions at low levels.









The Paul Grimshaw Substation is our newest Substation. It contains two 10 MVA transformers that convert the transmission voltage from 69,000 volts to 7,200 volts to be delivered on the distribution circuits. There are six distribution circuits coming out of this substation.



The Parley Hassell Substation contains one 10 MVA transformer and has 4 distribution circuits coming out of it. This is our oldest substation and we are in the process of upgrading it with new controls.

ELECTRIC FUND REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
53.3709-000	TURN ON FEES	1,450	1,000	300	1,600	1,500
53.3710-000	POWER SALES - EXEMPT	266,870	0	0	0	0
53.3711-000	POWER SALES - RESIDENTIAL	3,492,140	3,874,771	3,350,778	3,599,348	3,959,022
53.3712-000	POWER SALES - COMMERCIAL	445,178	702,234	765,208	645,019	828,570
53.3713-000	POWER COST ADJUSTMENT	0	0	150,822	0	700,000
53.3714-000	SERVICE CHARGE	657,666	709,313	614,525	705,600	751,440
53.3715-000	POLE USE FEES	3,600	4,284	4,236	4,200	4,284
53.3716-000	FEE - SERVICES & MATERIALS	61,156	663,286	902,466	0	0
53.3721-000	INTEREST EARNINGS	3,715	2,296	9,278	1,500	2,500
53.3722-000	PENALTIES	39,070	49,162	38,002	20,000	32,000
53.3723-000	CONNECTION FEES	31,042	66,909	50,200	29,920	55,218
53.3724-000	GAIN/LOSS DISPOSAL OF ASSETS	(6,358)	1,800	20,000	0	0
53.3725-000	MISCELLANEOUS	14,789	4,215	18,191	5,000	5,000
53.3727-000	UAMPS TRAVEL REIMBURSEMENT	0	0	0	5,000	2,500
53.3728-000	UAMPS VEYO PLANT CONTRACT	56,238	132,478	90,145	85,000	95,000
53.3729-000	ELECTRICAL IMPACT FEES	319,353	648,016	382,104	303,840	438,100
[illegible].3731-000	ELECTRIC IMPACT INTEREST	37,560	10,007	7,108	10,000	12,000
53.3781-000	APPROPRIATED FUND BALANCE	0	0	0	53,535	0
	TOTAL ELECTRIC FUND REVENUE	**5,423,468**	**6,869,771**	**6,403,362**	**5,469,562**	**6,887,134**

Electric Fund

The Power Department is responsible for providing reliable electricity to our residents. Our system currently has 3,125 meters. The department maintains three substations: Paul Grimshall, Parley Hassell, and the Generation Substation. The department also maintains approximately 7.5 miles of 69kV overhead transmission lines, 13.5 miles of overhead distribution, and 36 miles of underground distribution. Recently, the City installed a new metering system that allows us to read meters remotely, allowing us to monitor each meter and notify us of outages and where they are occuring.

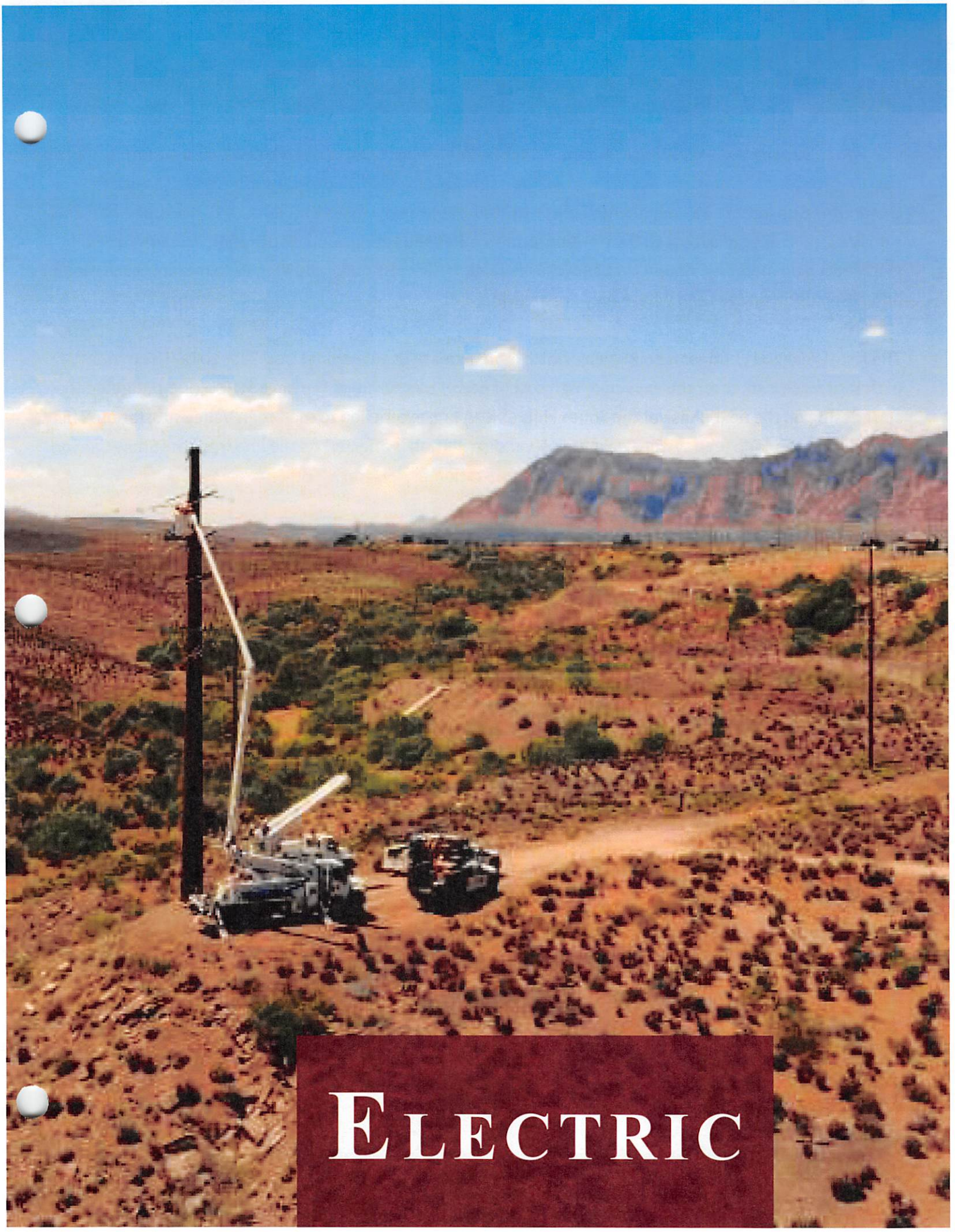
The Fiscal Year 2023 budget is $6,887,134, which is an increase of 26% from Fiscal Year 2022. The majority of this increase is to cover the expected high cost of power this summer. We have $1,300,000 budgeted to start desing on the next phase of the South Hills 69KVA line extentsion to the Green Valley substation. This line will create a loop feed system, so if the power distribution is affected on the line from the Snow Canyon substation, we can be fed from the Green Valley substation.

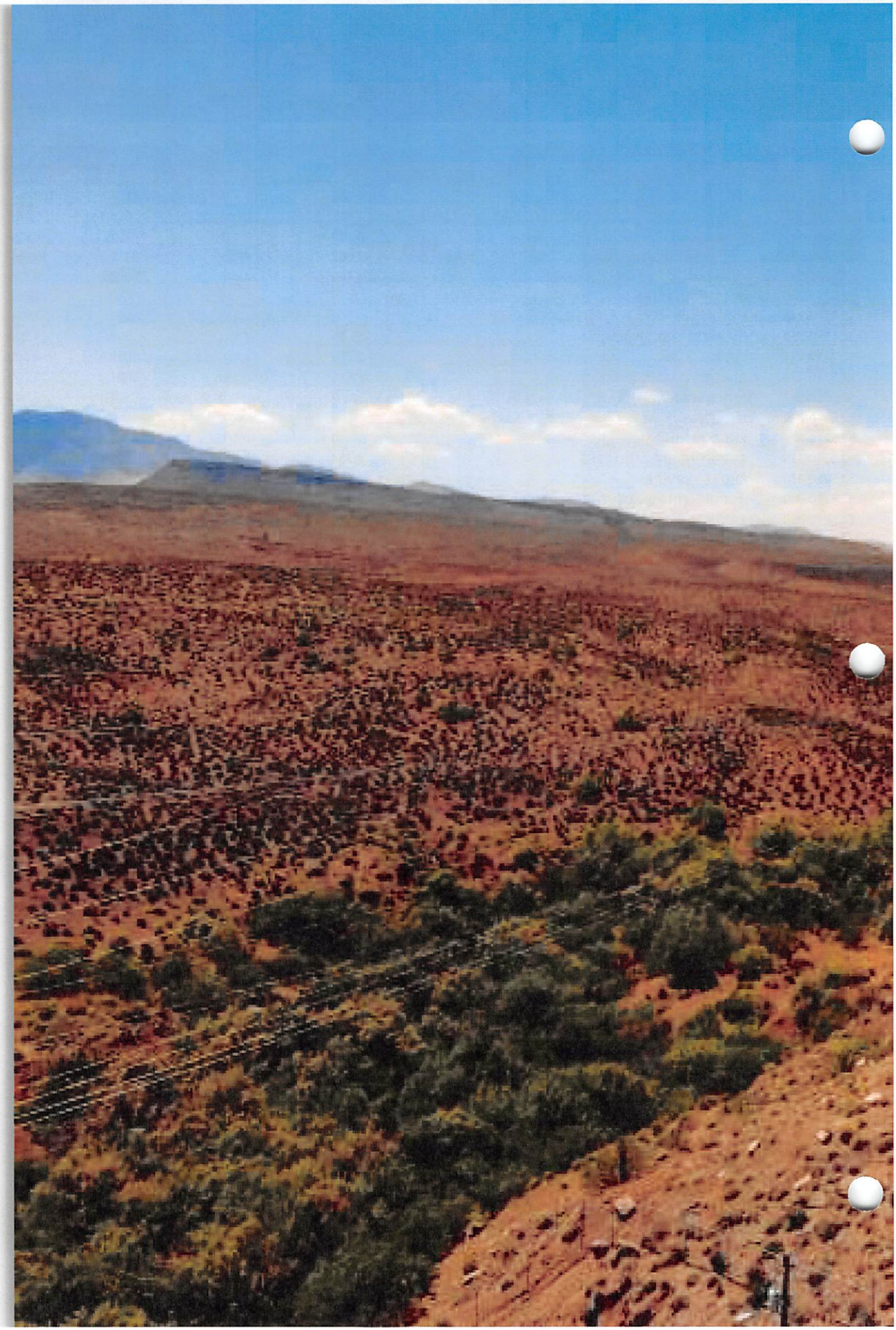
Capital Improvement Projects

- Purchase of 5 steel poles for the 69 KVA powerline extension to the Green Valley substation
- Replace direct buried lines with conduit along Canyon View Drive
- Purchase of backyard tree trimmer

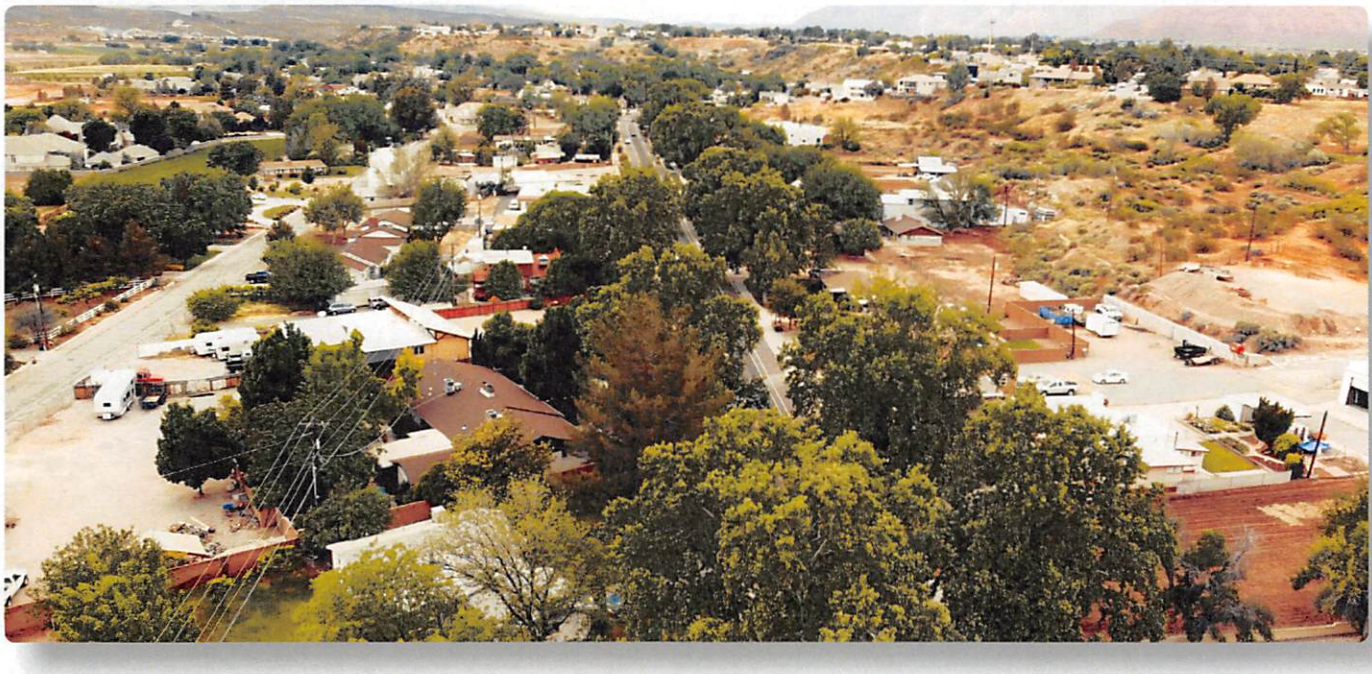
The City is a member of Utah Associated Municipal Power Systems (UAMPS), which helps us with the sale and purchase of power. UAMPS is a political subdivision formed in 1980 to develop, finance, and operate project for generation, transmission and energy services. UAMPS provides electric services on a non-profit basis to 50 public power utilities in seven western states.

The City purchases 300kW from a UAMPS built power plant between Gunlock and Veyo, called the "Veyo Heat Recovery Project". The plant uses waste heat to power a 7.8 MW energy recovery generation system. UAMPS has contracted with Santa Clara Power to do the maintenance at this plant weekly.


ELECTRIC



SEWER FUND EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
52.5210-110	SALARIES & WAGES	106,410	107,371	109,857	104,061	105,784
52.5210-125	OVERTIME	1,845	515	676	1,760	884
52.5210-131	FICA	8,139	8,075	8,291	8,095	8,160
52.5210-132	RETIREMENT	17,662	6,921	19,468	19,431	18,129
52.5210-133	INSURANCE	24,169	24,499	28,973	30,373	24,112
52.5210-240	OFFICE SUPPLIES	0	0	0	1,000	500
52.5210-246	UNIFORMS	0	439	1,983	1,750	2,500
52.5210-250	OPERATING SUPPLIES	75	1,183	998	1,500	2,500
52.5210-251	FUEL	2,776	3,065	1,049	2,000	2,500
52.5210-253	REPAIRS & MAINTENANCE	28,556	10,384	7,591	17,000	20,000
52.5210-260	BUILDING MAINTENANCE	0	0	0	2,700	2,700
52.5210-270	UTILITIES	869	0	0	1,000	1,000
52.5210-320	ENGINEERING SERVICES	0	10,460	1,821	5,000	25,000
52.5210-325	CREDIT/DEBIT CARD FEES	4,754	5,672	5,159	5,000	5,000
52.5210-330	LEGAL SERVICES	0	0	113	0	500
52.5210-340	ACCOUNTING & AUDITING SERVICES	3,498	0	2,900	6,000	6,000
52.5210-360	TRAINING	0	50	50	1,800	1,800
52.5210-370	PROFESSIONAL SERVICES	0	0	41,989	30,000	30,000
52.5210-464	SEWER MATERIALS & SUPPLIES	7,224	502	585	5,000	5,000
52.5210-510	INSURANCE AND SURETY BONDS	11,803	12,813	13,105	15,000	15,000
52.5210-520	BAD DEBT	0	609	12	0	100
52.5210-590	DEPRECIATION EXPENSE	117,498	113,227	0	0	0
52.5210-730	IMPROVEMENTS	28,967	0	6,903	0	42,000
2.5210-740	CAPITAL EQUIPMENT	1,678	0	36,838	0	0
52.5210-825	LEASE PAYMENTS	8,781	8,417	7,898	87,137	88,335
52.5210-910	TRANSFERS TO GENERAL FUND	0	0	0	0	0
52.5210-918	TRANSFER TO PUBLIC SERV SHOPS	56,831	58,414	55,969	55,969	40,766
52.5210-945	SEWER TREATMENT - ST. GEORGE	305,704	379,282	324,001	339,394	420,900
52.5210-976	TRANSFER TO FUND BALANCE	0	0	0	100,444	122,670
	TOTAL SEWER FUND	**737,239**	**750,029**	**676,231**	**841,414**	**991,840**



Sewer Fund

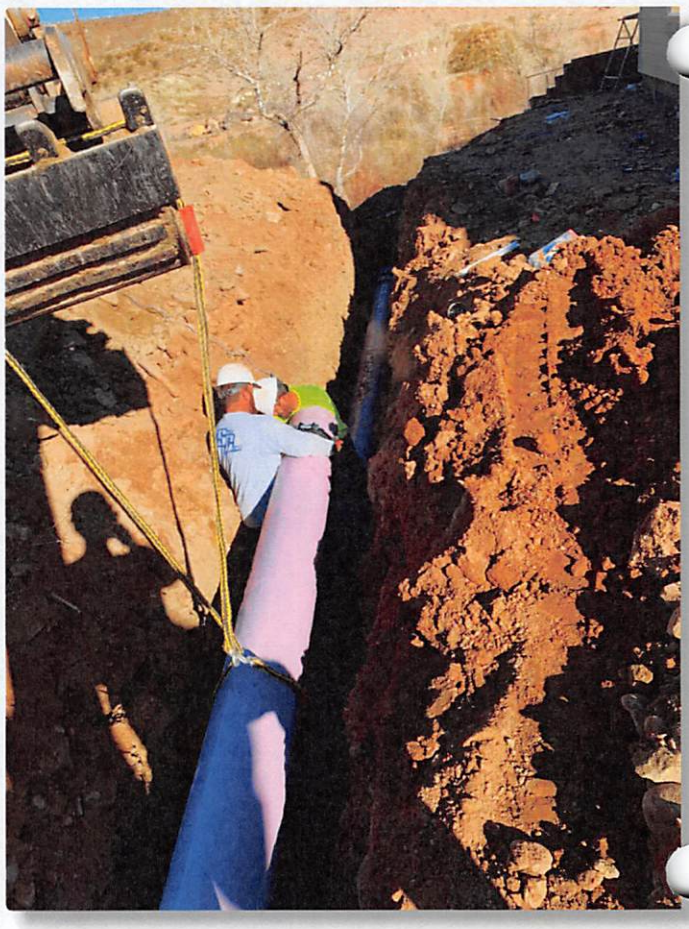
The Sewer Department is responsible for maintaining, cleaning, inspecting, and blue staking all sewer collection lines, manholes and connections. The FY 2023 budget is $991,840 which is an increase of 22% over FY 2022. The department maintains approximately 36 miles of sewer lines and cleans and inspects 972 sewer manholes.

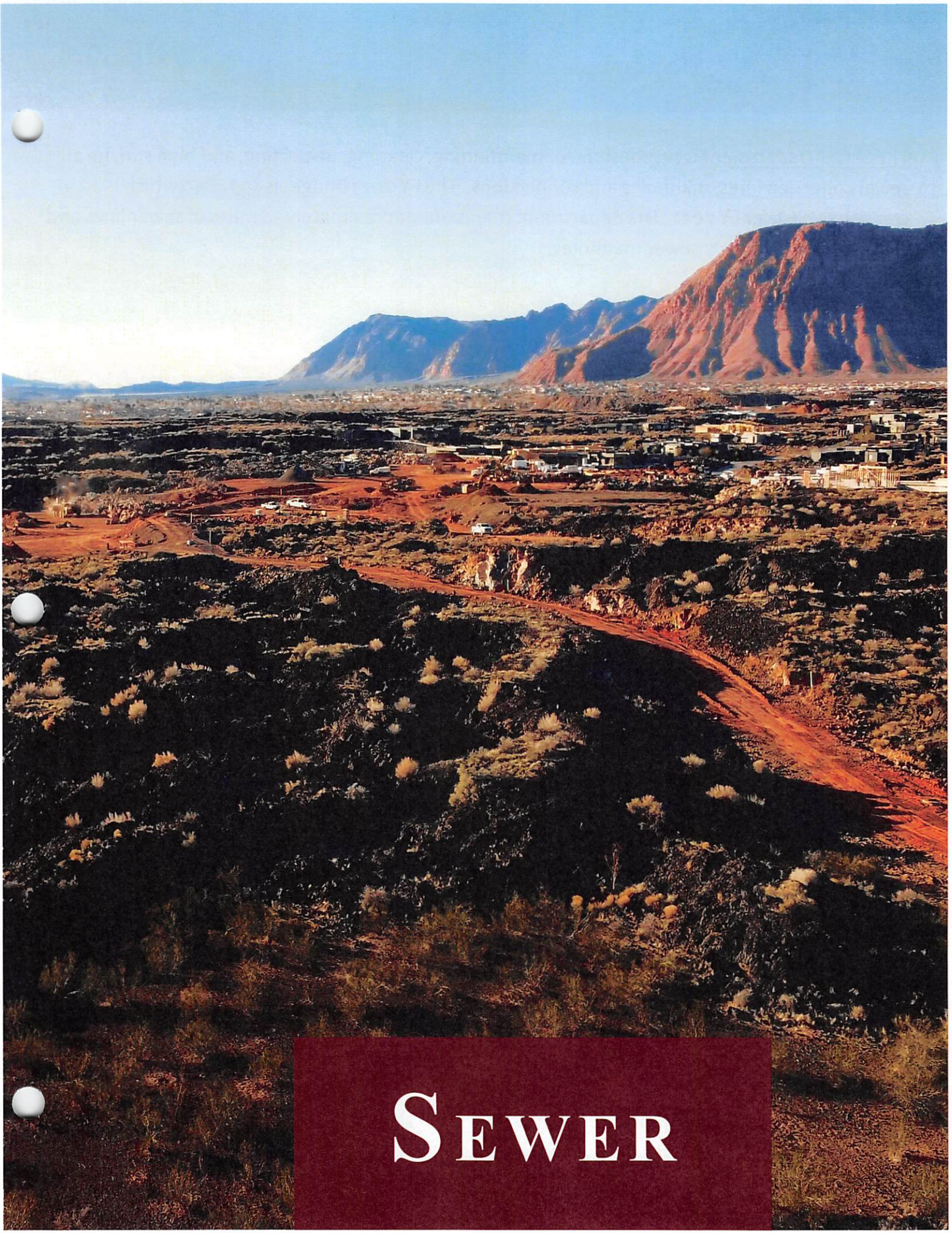
Capital Improvement Expenses

- Upsize Sewer line at Solace & Silverado developments

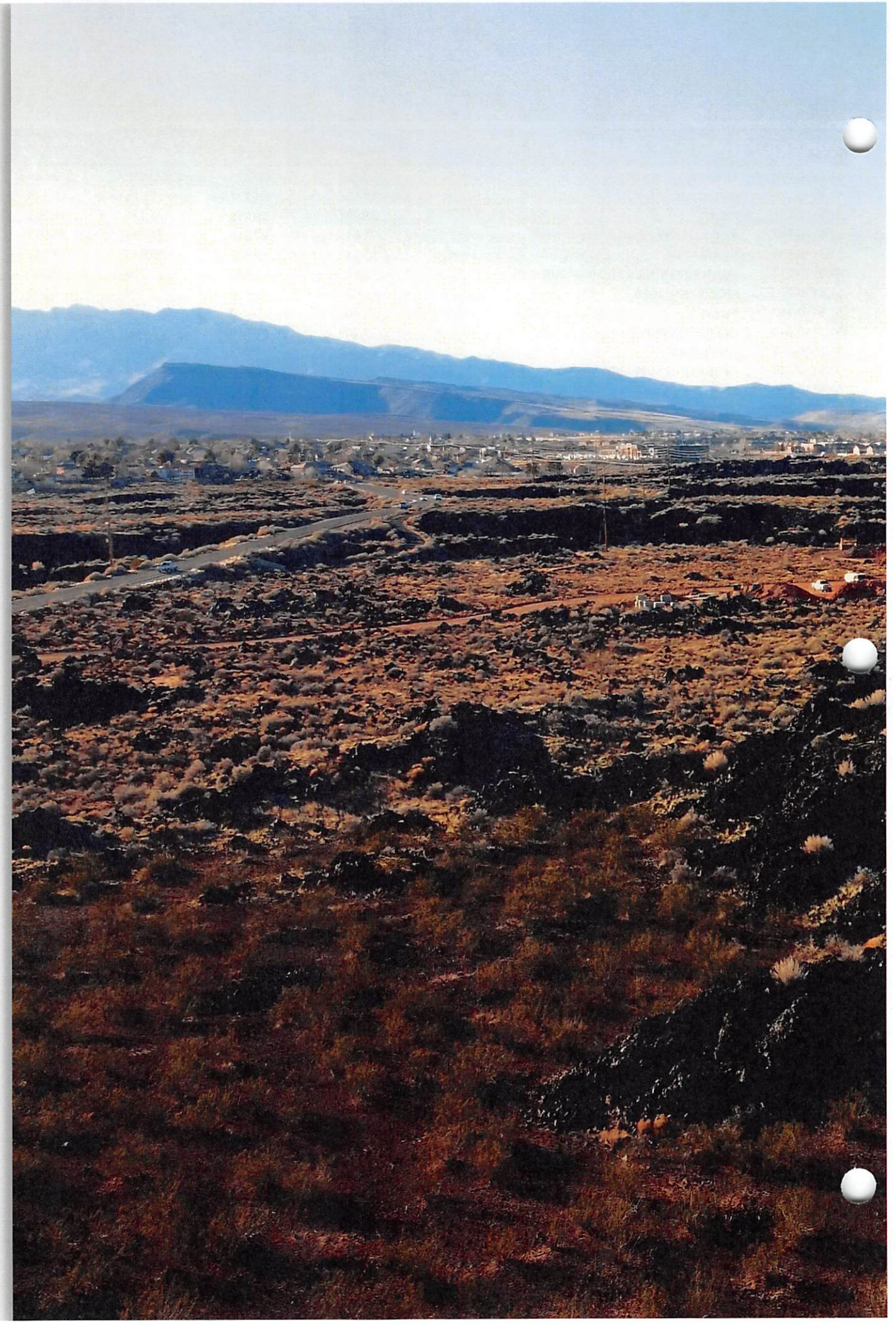
SEWER FUND REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
52.3720-000	SEWER FEES	723,101	808,709	765,528	759,225	856,440
52.3722-000	PENALTIES	8,372	10,535	8,543	2,500	6,000
52.3725-000	MISCELLANEOUS	198,791	60,361	48,909	50,000	60,000
52.3729-000	SEWER IMPACT FEES	29,406	56,058	33,566	28,689	67,900
52.3731-000	SEWER IMPACT INTEREST	3,364	823	671	1,000	1,500
52.3781-000	APPROPRIATED FUND BALANCE	0	0	0	0	0
	TOTAL SEWER FUND REVENUE	**963,035**	**936,485**	**857,217**	**841,414**	**991,840**







SEWER



WATER FUND EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
51.5110-110	SALARIES & WAGES	368,751	392,871	373,893	363,049	458,379
51.5110-125	OVERTIME	12,598	1,771	2,014	6,146	3,615
51.5110-131	FICA	28,258	29,715	28,171	28,243	35,342
51.5110-132	RETIREMENT	71,613	32,618	74,146	68,959	81,089
51.5110-133	INSURANCE	83,111	89,689	95,446	103,343	110,981
51.5110-210	SUBSCRIPTIONS & MEMBERSHIPS	2,625	1,356	750	2,700	2,700
51.5110-220	PUBLIC NOTICES	33	80	0	200	200
51.5110-230	TRAVEL	102	0	0	1,000	1,000
51.5110-240	OFFICE SUPPLIES	1,269	973	220	2,660	750
51.5110-246	UNIFORMS	748	1,623	1,626	1,750	2,500
51.5110-250	OPERATING SUPPLIES	3,197	1,570	1,815	2,000	4,000
51.5110-251	FUEL	8,147	8,573	9,946	9,000	9,000
51.5110-253	REPAIRS & MAINTENANCE	8,047	3,780	810	5,000	7,000
51.5110-260	BUILDING MAINTENANCE	462	2,853	0	1,100	1,000
51.5110-270	UTILITIES	3,055	2,494	4,025	3,000	6,400
51.5110-271	WELLS UTILITY COSTS	143,266	123,981	126,980	190,000	190,000
51.5110-275	SNOW CANYON OP COST - ST GEORG	127,774	155,039	330,734	165,000	350,000
51.5110-276	SNOW CANYON MAJOR COST	26,337	182,047	31,867	15,000	60,000
51.5110-277	WASHINGTON CO CONS DIST WATER	0	0	(4,670)	0	0
51.5110-280	TELEPHONE	0	0	0	0	0
51.5110-281	CELL PHONES	6,333	4,966	3,814	8,000	5,000
51.5110-310	IT SERVICES	1,252	0	32	4,000	500
51.5110-320	ENGINEERING SERVICES	4,164	3,511	4,297	10,000	70,000
51.5110-325	CREDIT/DEBIT CARD FEES	13,310	15,882	14,447	14,000	14,000
51.5110-330	LEGAL SERVICES	2,295	480	9,180	3,000	3,000
51.5110-340	ACCOUNTING & AUDITING SERVICES	8,000	17,550	6,775	12,000	10,000
51.5110-350	MEDICAL & DRUG TESTING	0	0	0	200	200
51.5110-360	TRAINING	3,189	2,260	3,035	4,000	4,000
51.5110-370	PROFESSIONAL SERVICES	0	0	0	0	4,000
51.5110-411	SIGNS & BARRICADES	0	451	121	1,000	1,000
51.5110-414	ROAD MATERIAL & SUPPLIES	6,218	2,983	2,023	3,500	4,000
51.5110-460	WATERLINES AND ASSOCIATED PART	35,331	54,522	17,226	25,000	25,000
51.5110-461	WATER METERS	0	0	15,991	30,000	30,000
51.5110-469	SCADA MATERIALS & SUPPLIES	1,022	0	0	5,000	10,000
51.5110-505	WATER RIGHTS PURCHASES	0	0	0	0	0
51.5110-510	INSURANCE AND SURETY BONDS	20,215	21,355	23,088	25,000	25,000
51.5110-520	BAD DEBT	0	3,850	140	1,000	1,000
51.5110-590	DEPRECIATION	479,438	491,939	0	0	0
51.5110-591	AMORTIZATION	0	0	0	0	0
51.5110-720	LAND & BUILDINGS	0	0	0	0	0
51.5110-730	IMPROVEMENTS	6,776	0	335,757	0	525,000
51.5110-740	CAPITAL EQUIPMENT	398	371	107,406	160,000	51,000
51.5110-750	LAND EASEMENTS & RIGHT OF WAYS	1,088	1,088	1,088	3,000	2,000
51.5110-751	SECONDARY WATER SHARES	3,630	3,805	13,537	0	12,500
51.5110-810	PRINCIPAL ON BONDS	0	0	137,200	272,000	302,000
51.5110-820	INTEREST ON BONDS	91,674	82,649	17,622	71,322	66,179
51.5110-822	DEBT PAYMENT TO WATER DISTRICT	54,310	54,306	49,633	63,600	55,000
51.5110-825	LEASE PAYMENTS	2,962	8,884	1,777	0	15,000
51.5110-830	FISCAL AGENT FEES	6,500	6,750	8,500	6,000	6,000
51.5110-840	BOND AMORTIZATION EXPENSE	0	0	0	0	0
51.5110-910	TRANSFER TO GENERAL FUND	80,000	100,000	0	100,000	0
51.5110-918	TRANSFER TO PUBLIC SERV SHOPS	103,356	106,521	101,631	101,631	69,192
51.5110-950	WCWCD SURCHARGE	0	0	0	0	0
51.5110-955	TRANSFER TO WATER IMPACT FUND	0	0	0	0	0
51.5110-976	TRANSFER TO FUND BALANCE	0	0	0	400,847	0
	TOTAL WATER FUND	**1,820,854**	**2,015,158**	**1,952,093**	**2,292,250**	**2,634,527**

Water Fund

The Water Department is responsible to for assuring an adequate supply of potable water for the citizens of Santa Clara. It is also responsible for the maintenance of approximately 53 miles of culinary water distribution and service lines, 4 pressure zones, 10 pressure reducing valves, 2 storage tanks and 2 City wells, metering system, blue staking, water sampling and leak repairs. The Water Department services approximately 3,034 customers. The Fiscal Year 2023 budget is $ 2,634,527, which is an increase of 15% from Fiscal Year 2022.

$ 2,634,527
WATER FUND FY2023 BUDGET

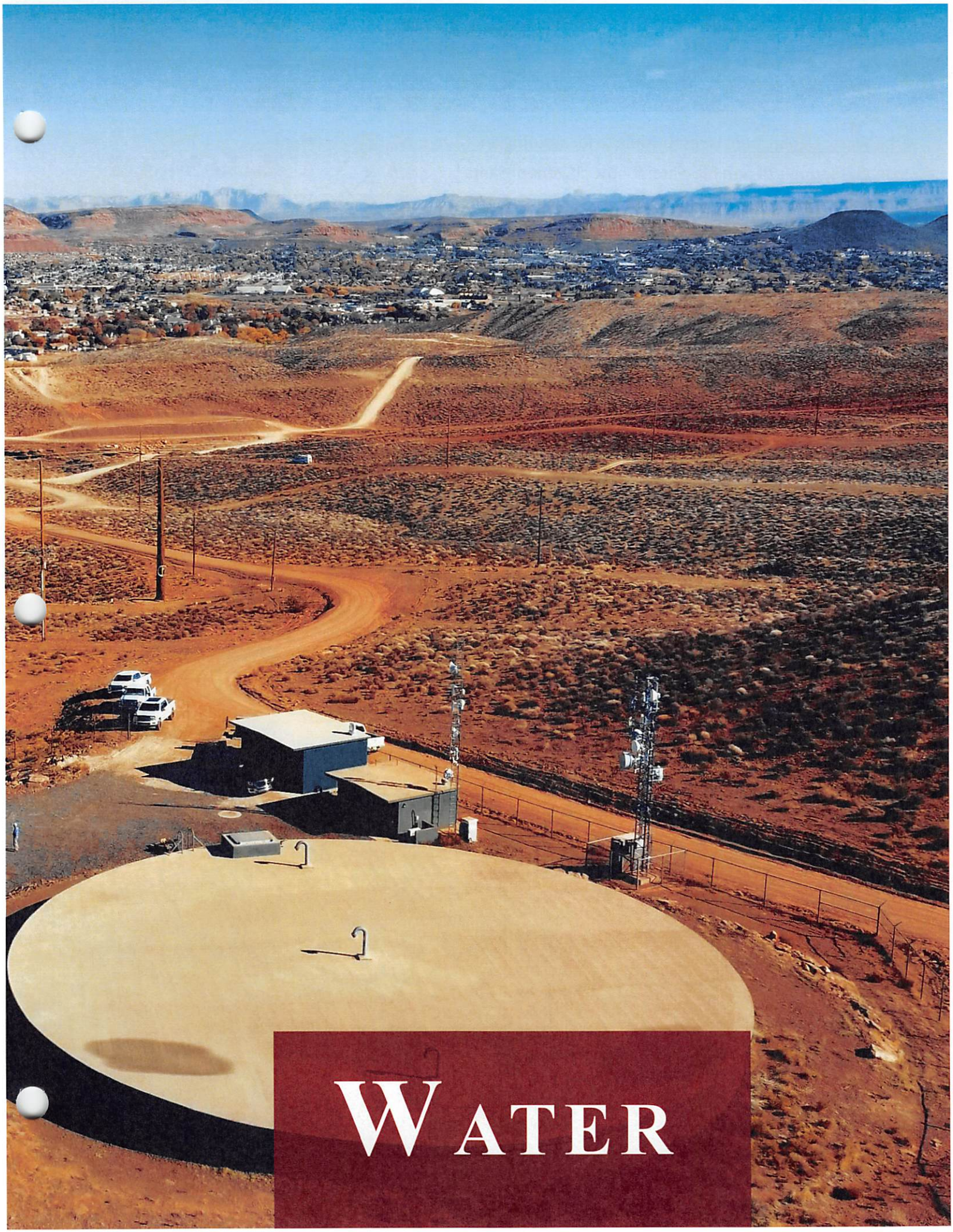
Capital Improvement Expenses

- 8" & 12" water line up-sizing on Santa Clara Drive, Lava Cove Drive & at Solace
- Purchase of new mini excavator
- Purchase of new skid steer

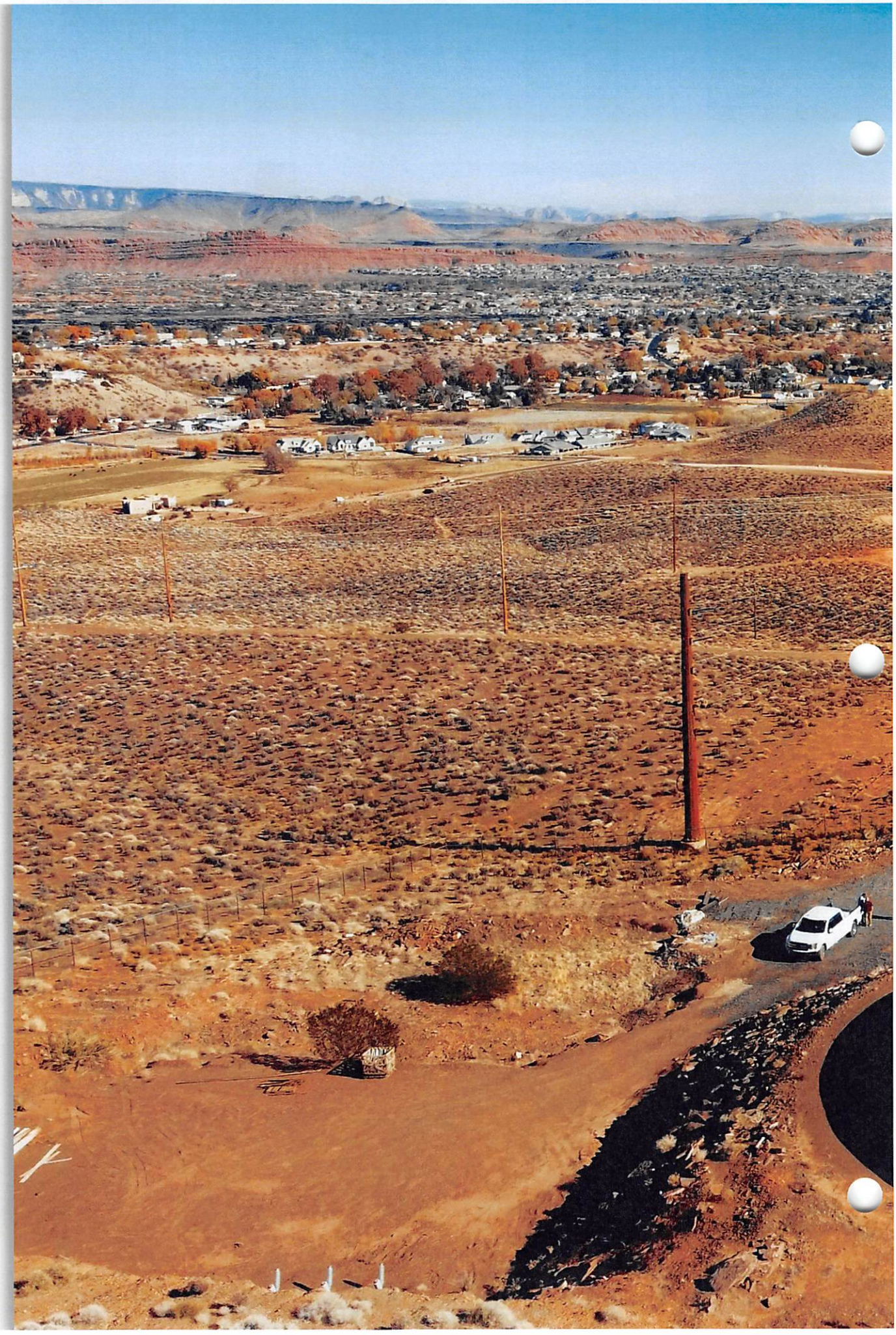
WATER FUND REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
51.3711-000	METERED WATER SALES	1,802,728	2,042,153	1,633,974	2,041,250	2,052,186
51.3712-000	SNOW CANYON WELL NO. 6	0	0	0	20,000	15,000
51.3713-000	HYDRANT METER USE	4,100	14,720	20,869	4,000	7,000
51.3714-000	REGIONAL WATER SURCHARGE	(5,241)	1,399	2,439	4,500	2,500
51.3721-000	INTEREST EARNINGS	13,434	3,507	365	7,500	4,000
51.3722-000	PENALTIES	16,784	17,721	12,727	20,000	16,000
51.3723-000	CONNECTION FEES	22,714	44,637	30,414	22,160	32,700
51.3724-000	GAIN/LOSS DISPOSAL OF ASSETS	(6,026)	0	0	0	0
51.3725-000	MISCELLANEOUS	56,768	45,504	0	0	0
51.3727-000	SECONDARY WATER CONNECTION FEE	12,531	10,301	20,277	5,000	15,000
51.3729-000	WATER IMPACT FEES	158,416	312,624	198,083	157,840	197,300
51.3731-000	WATER IMPACT INTEREST	33,203	7,567	1,267	10,000	7,500
51.3781-000	FUND BALANCE TO BE APPROPRIATE	0	0	0	0	285,341
	TOTAL WATER FUND REVENUE	**2,109,411**	**2,500,135**	**1,920,414**	**2,292,250**	**2,634,527**







WATER




IRH



Enterprise Funds

The City makes use of four (4) enterprise funds: Water Fund, Sewer Fund, Electric Fund, and Storm Water Fund. Enterprise funds differ from governmental type funds in that they are designed to operate similar to a private business. The funds are judged on their ability to be profitable by charging fees to cover the cost of providing services.





Economic Development

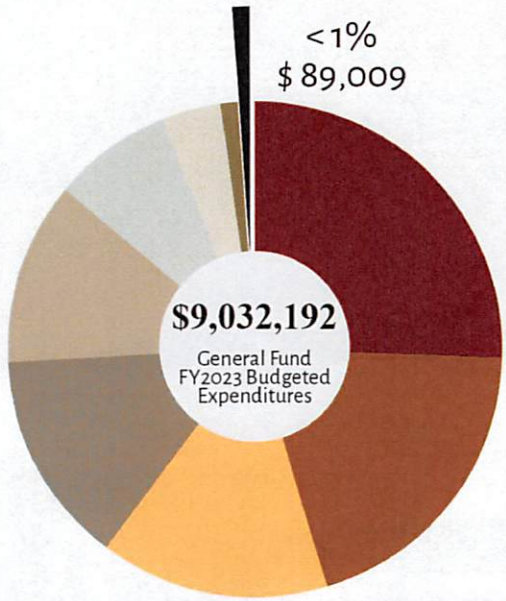


ECONOMIC DEVELOPMENT EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4652-110	SALARIES & WAGES	0	0	11,335	0	20,800
10.4652-125	OVERTIME	0	0	0	0	450
10.4652-131	FICA	0	0	853	0	1,626
10.4652-132	RETIREMENT	0	0	1,962	0	3,738
10.4652-133	INSURANCE	0	0	2,421	0	5,395
10.4652-210	BOOKS, SUBSCRIPT & MEMBERSHIPS	5,405	5,000	32	8,000	7,500
10.4652-230	TRAVEL	0	0	0	0	0
10.4652-240	OFFICE SUPPLIES	0	0	135	0	250
10.4652-360	TRAINING	575	260	992	0	1,000
10.4652-370	OTHER PROF SERV	0	0	564	0	750
10.4652-416	RAP TAX	12,977	16,811	30,096	25,000	30,000
10.4652-417	DONATIONS	500	1,200	1,200	8,000	5,000
10.4652-501	YOUTH CITY COUNCIL	0	0	0	0	5,000
10.4652-601	GENERAL PROMOTION/ADVERTISING	1,062	1,465	7,262	5,000	7,500
10.4652-602	BANNERS/FLAGS	0	416	0	0	0
	TOTAL ECONOMIC DEVELOPMENT	**20,519**	**25,153**	**56,853**	**46,000**	**89,009**

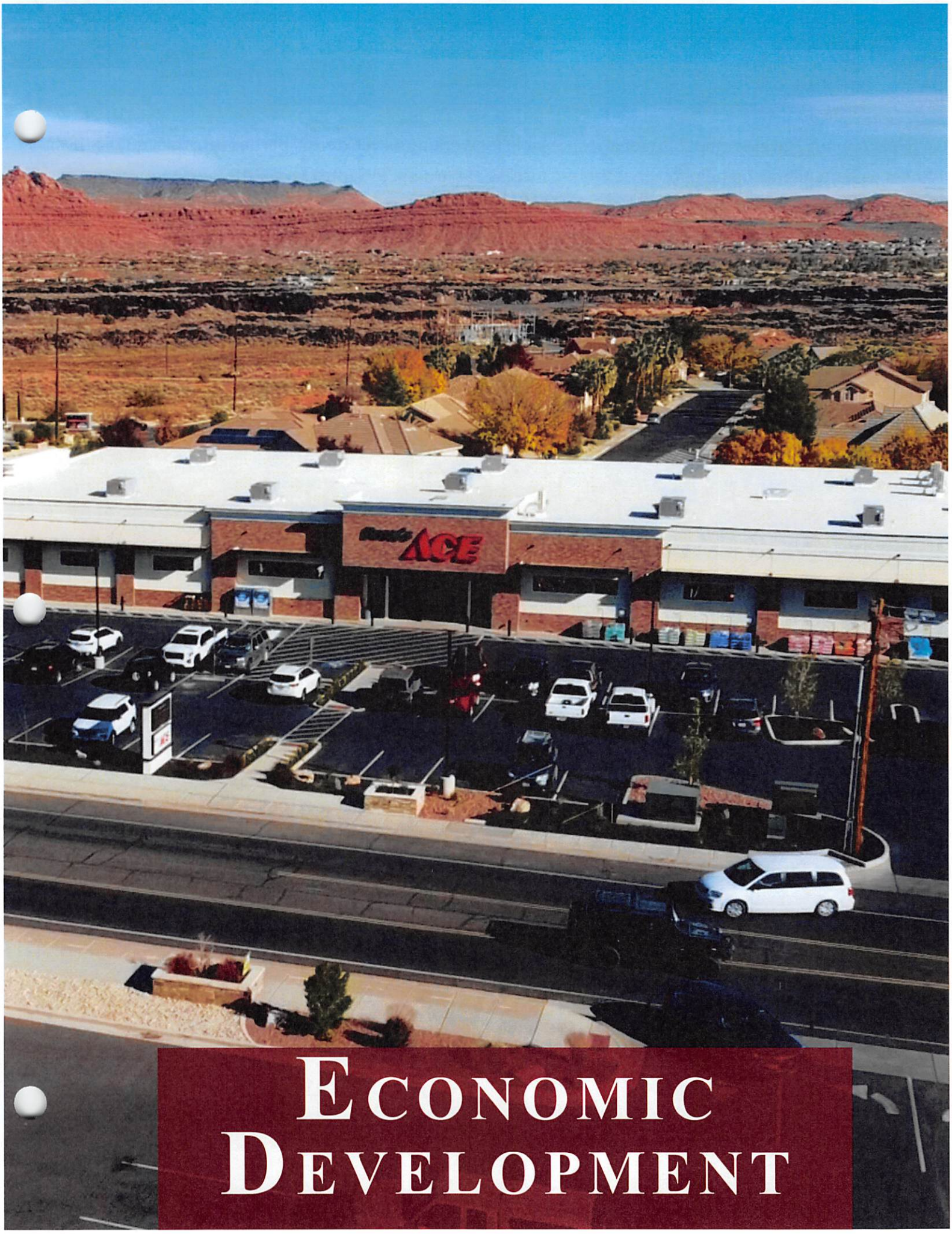
Economic Development

The Economic Development budget is responsible for working with external parties to attract quality business to Santa Clara and help foster economic success of business in Santa Clara. RAP Tax donations are expended from this fund. The Fiscal Year 2023 budget is $ 89,009, which is an increase of 93% from Fiscal Year 2022. This is due to our new Economic Development Manager.

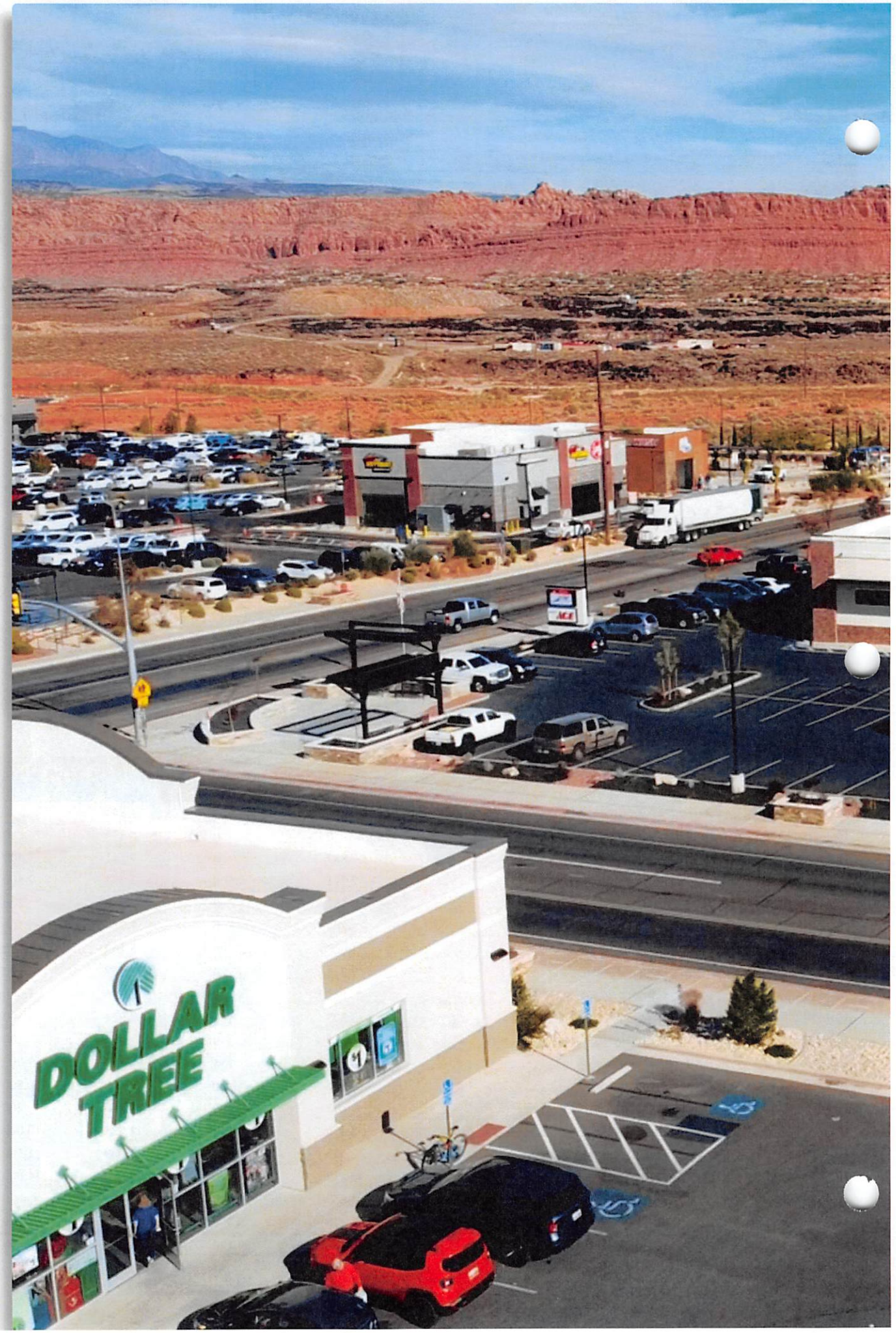








Economic Development


DOLLAR TREE

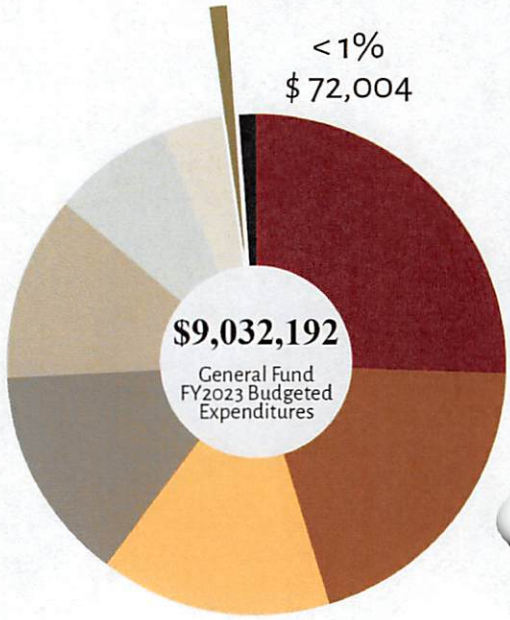


SWISS DAYS EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4610-110	SALARIES & WAGES	0	0	4,847	0	9,001
10.4610-131	FICA	0	0	379	0	703
10.4610-001	5K RUN/WALK	7,884	0	7,511	7,500	7,500
10.4610-002	BREAKFAST	2,791	0	3,734	2,500	3,000
10.4610-003	VENDOR'S BOOTHS	182	0	0	200	0
10.4610-004	KID'S BOOTHS	809	0	1,284	500	1,200
10.4610-005	BANNERS-SPONSORS	1,067	3,090	5,169	1,500	2,000
10.4610-006	TRANSPORTATION	1,785	0	2,057	1,500	2,000
10.4610-007	SUPPLIES & POSTAGE	82	0	16	1,000	250
10.4610-008	ADVERTISING/MARKETING	3,303	905	2,924	4,500	3,000
10.4610-009	LITTLE SWISS MISS & MR PAGEANT	115	0	92	200	150
10.4610-010	DINNER	3,235	215	4,341	3,000	4,000
10.4610-011	**MISCELLANEOUS**	**1,458**	**0**	**3,420**	**500**	**0**
10.4610-012	**HANDS ON**	**38**	**0**	**86**	**200**	**200**
10.4610-013	**ENTERTAINMENT**	**8,435**	**3,500**	**11,923**	**10,000**	**12,000**
10.4610-015	**PARADE**	**2,555**	**0**	**3,009**	**1,500**	**3,000**
10.4610-016	**RENTALS**	**15,117**	**0**	**17,938**	**14,000**	**18,000**
10.4610-022	**GOLF TOURNAMENT**	**4,659**	**70**	**2,621**	**0**	**2,500**
10.4610-023	**MISS SANTA CLARA PAGEANT**	**4,119**	**2,340**	**3,741**	**0**	**3,500**
	SWISS DAYS TOTAL	**57,634**	**30,120**	**75,093**	**48,600**	**72,004**

Swiss Days

Swiss Days is the annual celebration of the Swiss pioneers settling Santa Clara. We are elated to continue this festivity this year, and as usual, it will be the last weekend of September. Swiss Days has two coordinators, Lainee Frei and Brooke Ence. The Fiscal Year 2023 budget is $ 72,004 which is an increase of 48% from FY 2022. The increase is due mainly to the coordinators wages being budgeted here and not in administration.









Swiss Days

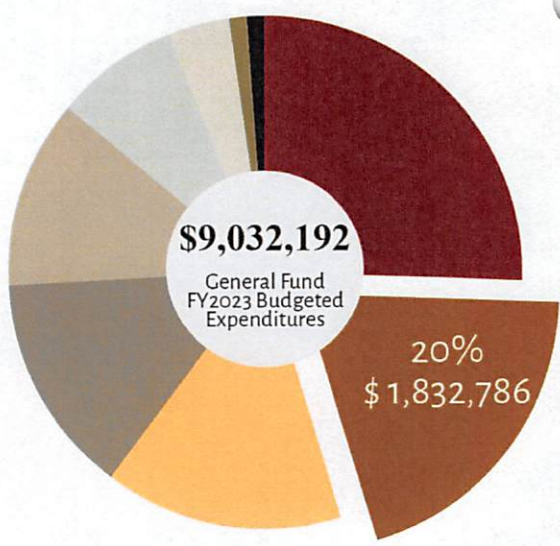


PARKS & RECREATION

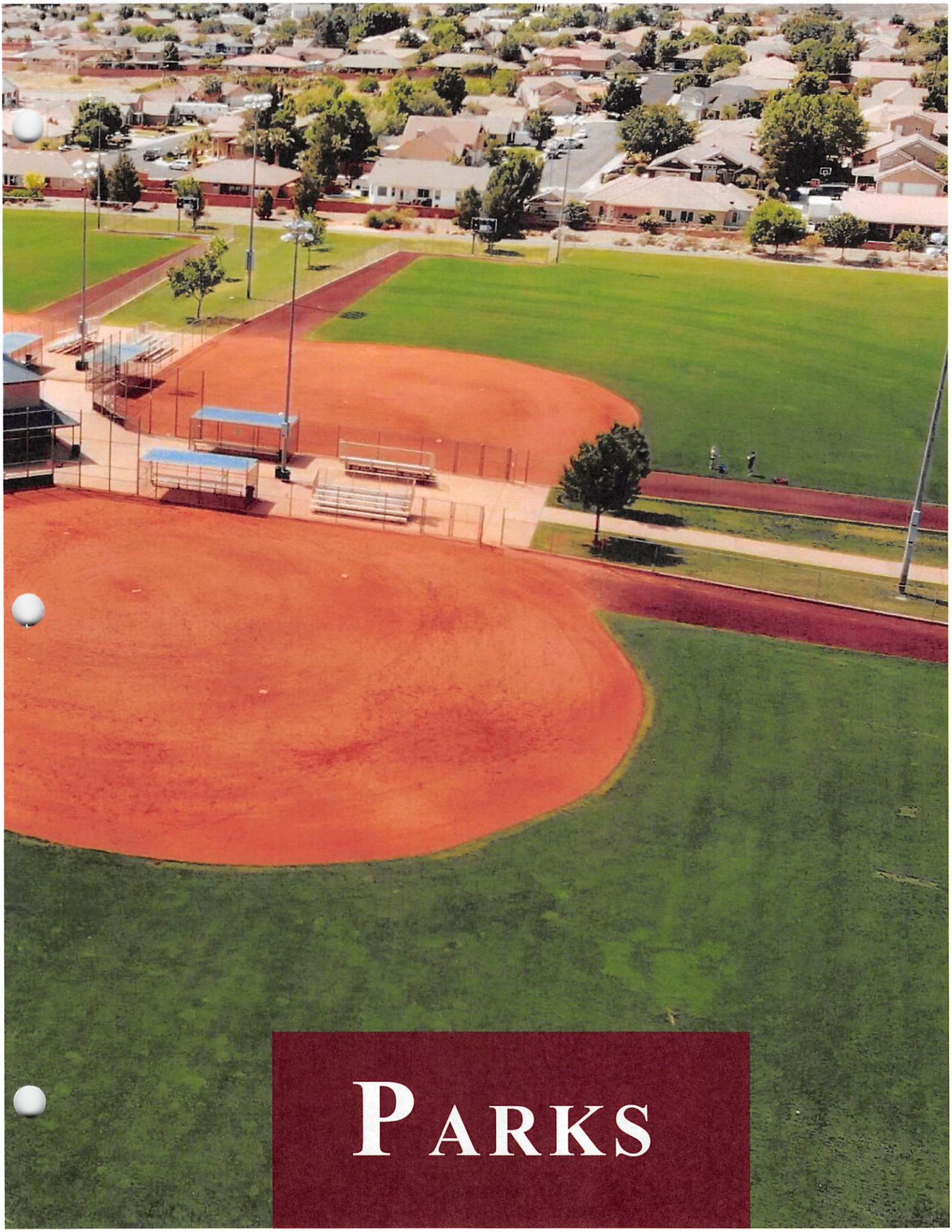
PARKS & RECREATION EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4510-110	SALARIES & WAGES	357,206	387,020	378,805	385,040	456,928
10.4510-125	OVERTIME	3,521	7,463	13,286	9,443	9,585
10.4510-131	FICA	27,047	29,719	29,653	30,178	35,688
10.4510-132	RETIREMENT	57,114	64,155	69,198	64,041	82,376
10.4510-133	INSURANCE	71,248	89,708	89,324	96,922	126,523
10.4510-210	SUBSCRIPTIONS & MEMBERSHIPS	1,014	630	1,100	800	800
10.4510-220	PUBLIC NOTICES	264	68	-	-	-
10.4510-230	TRAVEL	1,918	326	555	900	1,100
10.4510-240	OFFICE SUPPLIES	2,011	3,044	3,334	3,360	3,800
10.4510-246	UNIFORMS	4,010	2,743	5,495	5,500	6,650
10.4510-250	OPERATING SUPPLIES	24,635	18,107	17,010	12,200	15,100
10.4510-251	FUEL	8,904	12,864	18,120	9,000	9,000
10.4510-253	REPAIRS & MAINTENANCE	7,725	13,252	20,844	12,500	13,000
10.4510-256	TOURNAMENT EXPENSES	10,548	10,662	18,057	10,000	10,500
10.4510-260	BUILDING MAINTENANCE	30,406	34,301	51,834	27,500	37,000
10.4510-270	UTILITIES	47,437	53,290	84,551	57,000	60,000
10.4510-281	CELL PHONES	4,793	4,060	3,825	4,000	4,000
10.4510-320	ENGINEERING SERVICES	465	226	2,533	51,200	30,000
10.4510-330	LEGAL SERVICES	2,850	210	113	500	500
10.4510-350	MEDICAL & DRUG TESTING	162	216	250	300	300
10.4510-360	TRAINING	1,873	8	1,172	2,100	2,600
10.4510-370	PROFESSIONAL SERVICES	4,210	726	1,889	-	-
10.4510-372	SAND HOLLOW ACQ CENT AGREEMENT	27,628	23,573	24,794	32,000	32,000
10.4510-381	SANTA CLARA ARBORETUM	1,291	-	609	1,200	1,000
10.4510-480	PLANTS & FERTILIZERS	12,209	12,816	7,797	15,700	16,800
10.4510-481	IRRIGATION	8,162	11,103	20,724	8,500	11,000
10.4510-483	CEMETERY O&M	976	1,728	699	2,000	2,000
10.4510-484	TRAILS O&M	4,418	355	-	2,000	7,000
10.4510-485	HERITAGE SQUARE O&M	1,169	1,685	216	2,000	4,000
10.4510-488	TREE MAINTENANCE	1,574	2,540	7,505	4,500	15,000
10.4510-720	LAND/BUILDINGS	12,252	25,000	-	-	-
10.4510-730	IMPROVEMENTS	330,467	122,563	80,421	492,000	691,566
10.4510-740	CAPITAL EQUIPMENT	219,319	44,692	113,517	128,000	136,970
10.4510-790	OTHER	176,102	-	-	-	-
10.4510-825	LEASE PAYMENTS	8,829	9,289	9,675	10,000	10,000
	TOTAL PARKS & RECREATION	**1,473,757**	**988,140**	**1,076,905**	**1,480,384**	**1,832,786**

Parks & Recreation

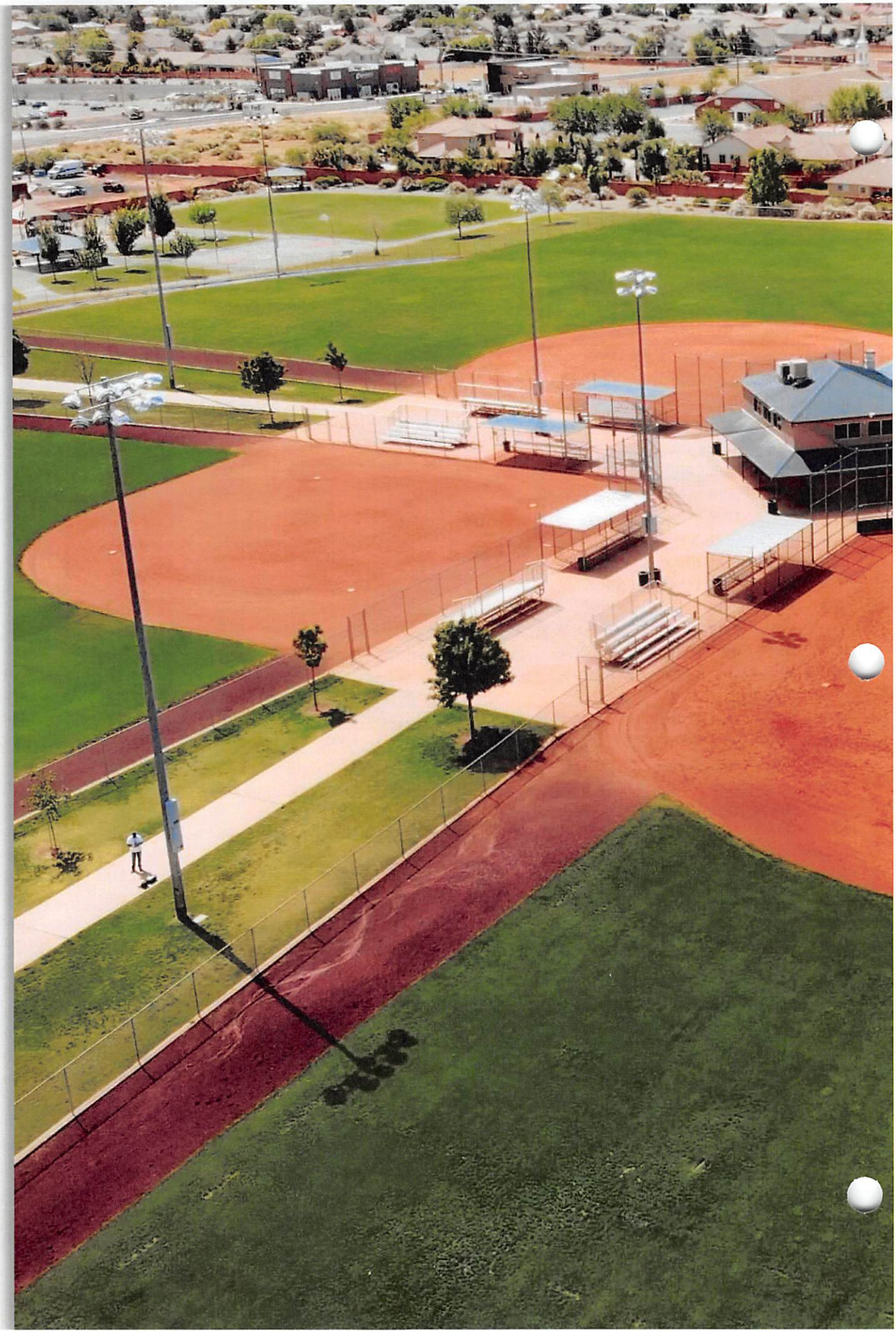
The Parks & Recreation Department is responsible for the maintenance, cleaning and safety of all parks and City buildings. They currently maintain the cemetery, 6 parks, 4 City buildings, the ball fields at Canyon View Park, Gubler Park and the Little League Fields. They also maintain all the trails and city rights-of-way. We are combing the Parks and Sports Field into one budget for Fiscal Year 2023. The Fiscal Year 2023 budget is $ 1,832,786, which is an increase of 24% from Fiscal Year 2022.







PARKS

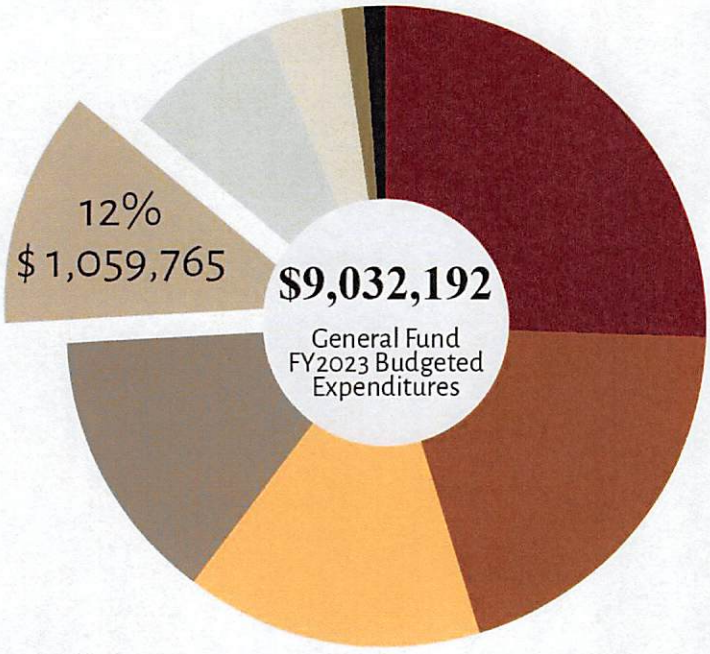


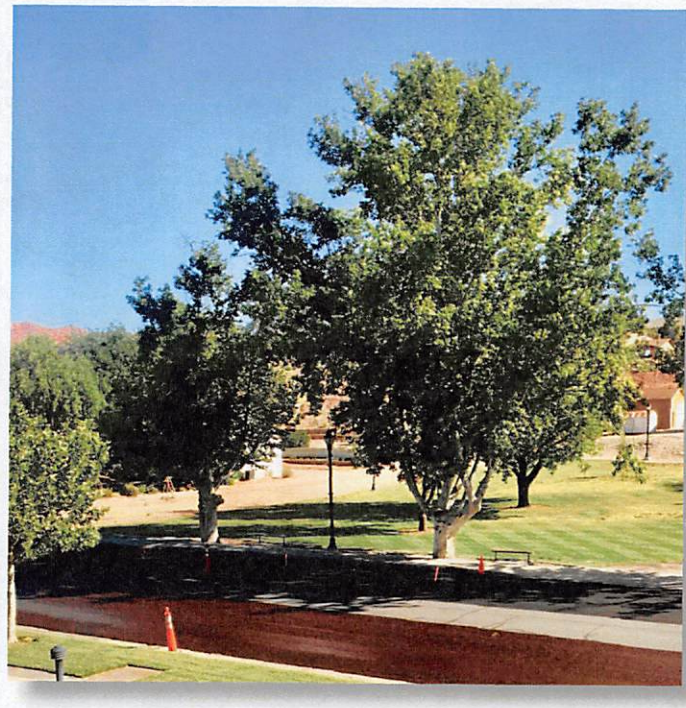


PUBLIC WORKS EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4410-110	SALARIES & WAGES	102,829	108,407	104,052	98,295	156,083
10.4410-125	OVERTIME	1,710	482	540	1,915	1,836
10.4410-131	FICA	7,763	8,080	7,886	7,666	12,081
10.4410-132	RETIREMENT	17,701	20,106	19,051	18,921	28,881
10.4410-133	INSURANCE	22,310	24,799	26,902	29,710	43,184
10.4410-210	SUBSCRIPTIONS & MEMBERSHIPS	85	32	91	100	100
10.4410-220	PUBLIC NOTICES	0	202	0	500	500
10.4410-230	TRAVEL	0	0	0	1,000	1,000
10.4410-240	OFFICE SUPPLIES	1,442	1,300	204	1,000	500
10.4410-246	UNIFORMS	920	1,120	1,403	1,750	2,500
10.4410-250	OPERATING SUPPLIES	1,441	1,081	2,468	2,500	3,000
10.4410-251	FUEL	7,855	8,573	9,948	10,000	10,000
10.4410-253	REPAIRS & MAINTENANCE	22,064	14,137	18,082	25,000	30,000
10.4410-260	BUILDING MAINTENANCE	9,835	12,275	13,957	12,000	15,000
10.4410-263	STREET LIGHT REPAIRS	0	0	0	0	25,000
10.4410-270	UTILITIES	5,769	4,365	5,705	6,400	6,500
10.4410-310	IT SERVICES	1,500	32	631	1,500	1,000
10.4410-311	MPO ANNUAL ASSESSMENT	5,000	5,000	5,000	5,000	5,500
10.4410-320	ENGINEERING SERVICES	7,726	8,391	11,420	15,000	25,000
10.4410-325	PUBLIC TRANSPORTATION	0	0	0	0	25,000
10.4410-330	LEGAL SERVICES	450	0	563	500	1,000
10.4410-350	MEDICAL & DRUG TESTING	487	606	686	500	1,000
10.4410-360	TRAINING	415	290	95	1,000	1,000
10.4410-370	PROFESSIONAL SERVICES	44	0	2,232	2,500	8,000
10.4410-410	CRACK SEALING M&S	0	53,921	35,866	50,000	50,000
10.4410-411	SIGNS & BARRICADES	4,456	3,325	3,825	6,000	9,000
10.4410-412	CHIP SEALING M&S	5,627	262,571	19,217	300,000	400,000
10.4410-413	SIDEWALK/CURB/GUTTER M&S	5,363	7,845	9,638	10,000	10,000
10.4410-414	ROAD MATERIAL & SUPPLIES	9,401	25,564	21,905	30,000	30,000
10.4410-510	INSURANCE & SURETY BONDS	0	0	21	0	100
10.4410-720	LAND/BUILDINGS	0	350	0	0	0
10.4410-730	IMPROVEMENTS	2,509,973	18,988	56,168	250,000	0
10.4410-740	CAPITAL EQUIPMENT	398	0	185,711	150,000	92,000
10.4410-810	PRINCIPAL ON BONDS	50,000	50,000	185,000	180,000	50,000
10.4410-820	INTEREST ON BONDS	0	0	33,896	33,193	0
10.4410-825	LEASE PAYMENTS	4,613	0	1,777	20,000	15,000
10.4410-920	TRANSFER TO CAPITAL PROJECT	0	0	0	0	0
10.4410-921	TRANSFER TO DEBT SERVICE	0	0	0	0	0
10.4410-990	TRANS TO RESTRICTED G.F. RES	0	0	0	0	0
	TOTAL PUBLIC WORKS	**2,807,178**	**641,842**	**783,940**	**1,271,950**	**1,059,765**

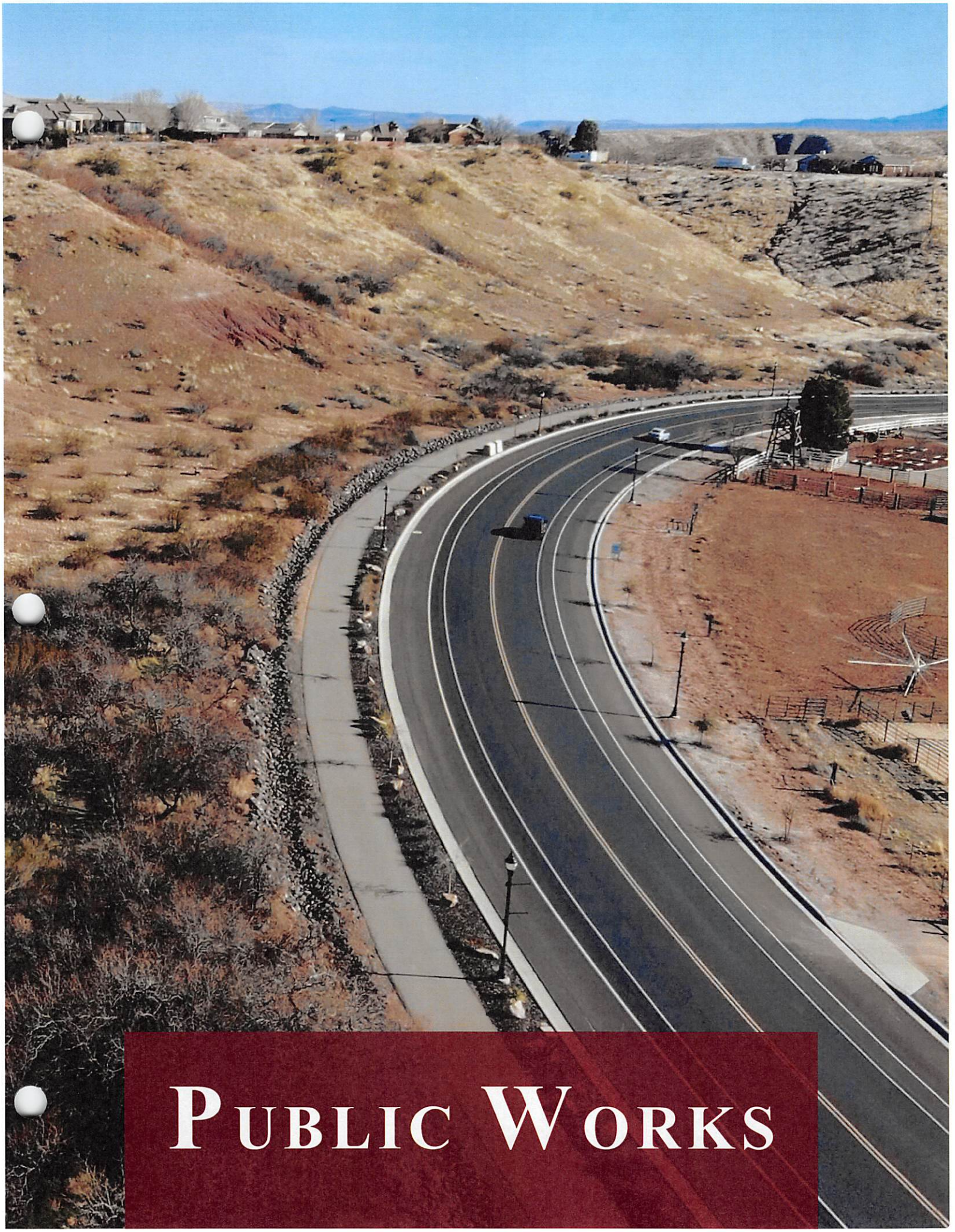
Public Works

The Public Works department is responsible for maintaining 48 miles of roadway, curb, gutter, and sidewalks throughout the City. This includes asphalt placement and preservation, traffic control, street signs, striping, chip-seals, crack seal, slurry seals, traffic signals, street sweeping, and sidewalk repairs. The Fiscal Year 2023 budget is $ 1,059,765 which is a decrease of 17% from FY 2022.





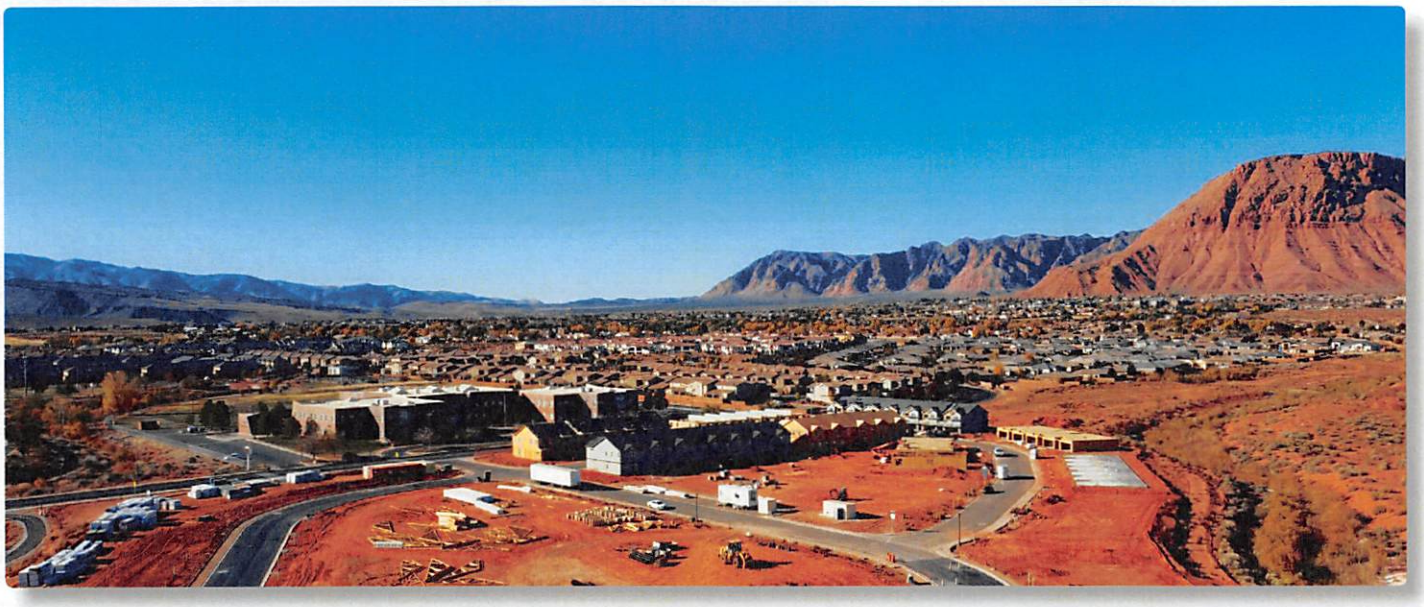




PUBLIC WORKS



BUILDING & PLANNING

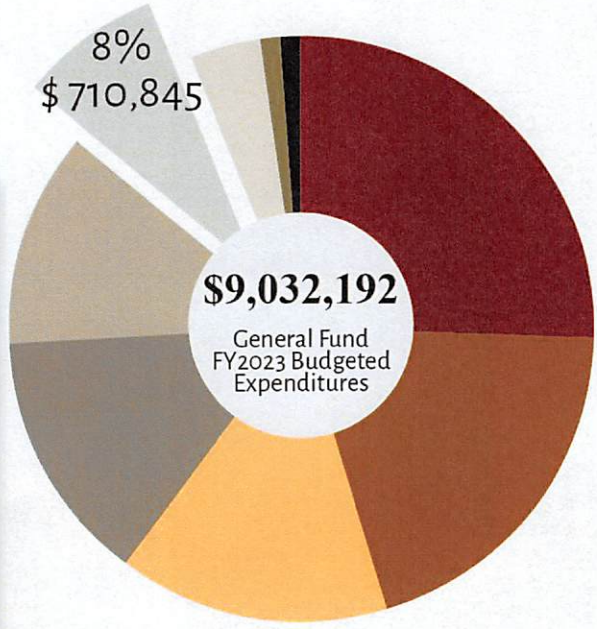


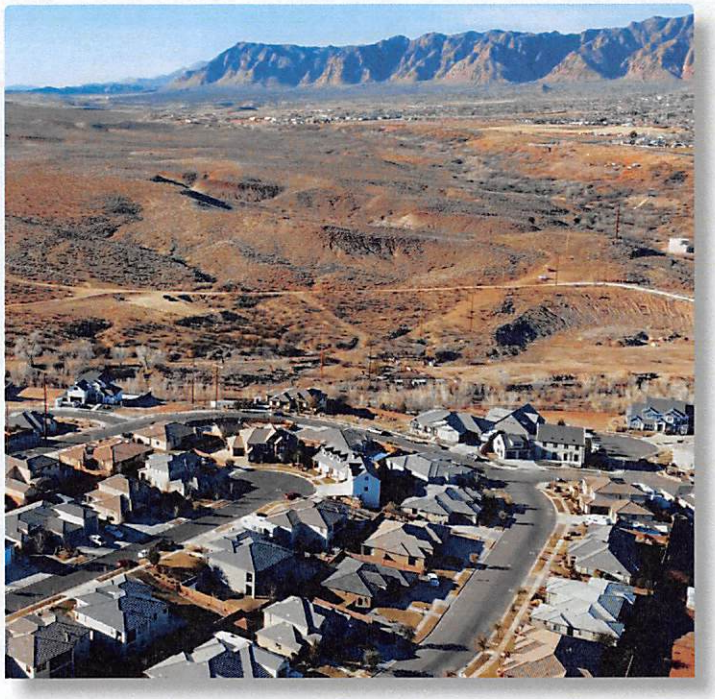
BUILDING & PLANNING EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4240-110	SALARIES & WAGES	164,045	179,499	221,539	216,456	248,222
10.4240-125	OVERTIME	1,159	2,167	4,835	2,017	4,870
10.4240-131	FICA	12,458	13,345	16,960	16,713	19,362
.4240-132	RETIREMENT	27,976	30,050	41,056	39,656	43,937
10.4240-133	INSURANCE	35,948	35,755	44,732	53,700	59,579
10.4240-210	SUBSCRIPTIONS & MEMBERSHIPS	1,863	1,838	1,738	2,000	2,500
10.4240-220	PUBLIC NOTICES	483	551	0	2,000	2,000
10.4240-230	TRAVEL	352	0	3,629	3,836	3,600
10.4240-240	OFFICE SUPPLIES	488	7,540	4,742	7,140	6,875
10.4240-245	POSTAGE	0	77	0	230	250
10.4240-246	UNIFORMS	615	499	183	500	2,000
10.4240-248	BUILDING MAINTENANCE SUPPLIES	0	0	0	0	0
10.4240-250	**OPERATING SUPPLIES**	**322**	**4,223**	**1,731**	**9,045**	**5,000**
10.4240-251	**FUEL**	**2,185**	**2,318**	**2,266**	**2,200**	**4,500**
10.4240-253	**REPAIRS & MAINTENANCE**	**3,640**	**1,126**	**3,030**	**1,470**	**6,400**
10.4240-260	**BUILDING MAINTENANCE**	**31,915**	**46,510**	**32,192**	**30,000**	**35,000**
10.4240-270	**BUILDING UTILITIES**	**28,908**	**24,031**	**28,905**	**28,000**	**39,200**
10.4240-281	**CELL PHONES**	**5,058**	**4,208**	**4,403**	**4,500**	**5,200**
10.4240-320	**ENGINEERING**	**0**	**1,500**	**1,457**	**1,500**	**24,000**
10.4240-330	**LEGAL SERVICES**	**35,344**	**45,658**	**53,185**	**48,000**	**58,000**
10.4240-350	**MEDICAL & DRUG TESTING**	**0**	**0**	**79**	**0**	**0**
10.4240-360	**TRAINING**	**4,141**	**4,266**	**4,147**	**4,141**	**10,500**
10.4240-370	**PROFESSIONAL SERVICES**	**39,501**	**49,557**	**36,803**	**25,000**	**10,000**
10.4240-380	**CORRECTION OF CODE VIOLATIONS**	**0**	**0**	**0**	**0**	**0**
10.4240-720	**LAND/BUILDINGS**	**0**	**0**	**0**	**0**	**0**
10.4240-730	**IMPROVEMENTS**	**12,101**	**(11,700)**	**0**	**56,400**	**71,200**
.4240-740	CAPITAL EQUIPMENT	3,121	0	0	0	46,150
.4240-940	INTERGOVT CHARGES (ST SURCHG)	1,880	3,436	1,903	2,500	2,500
	TOTAL BUILDING & PLANNING	**413,503**	**446,454**	**509,515**	**557,004**	**710,845**

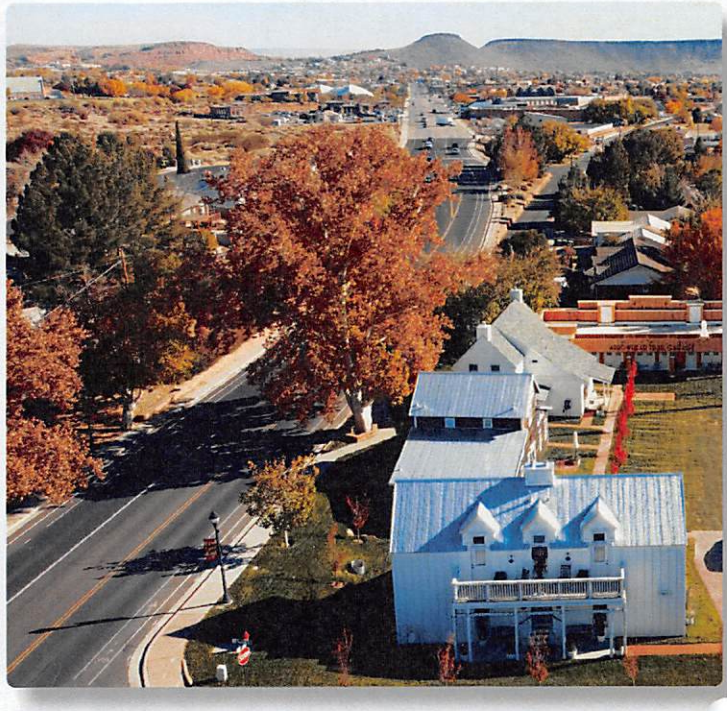
Building & Planning

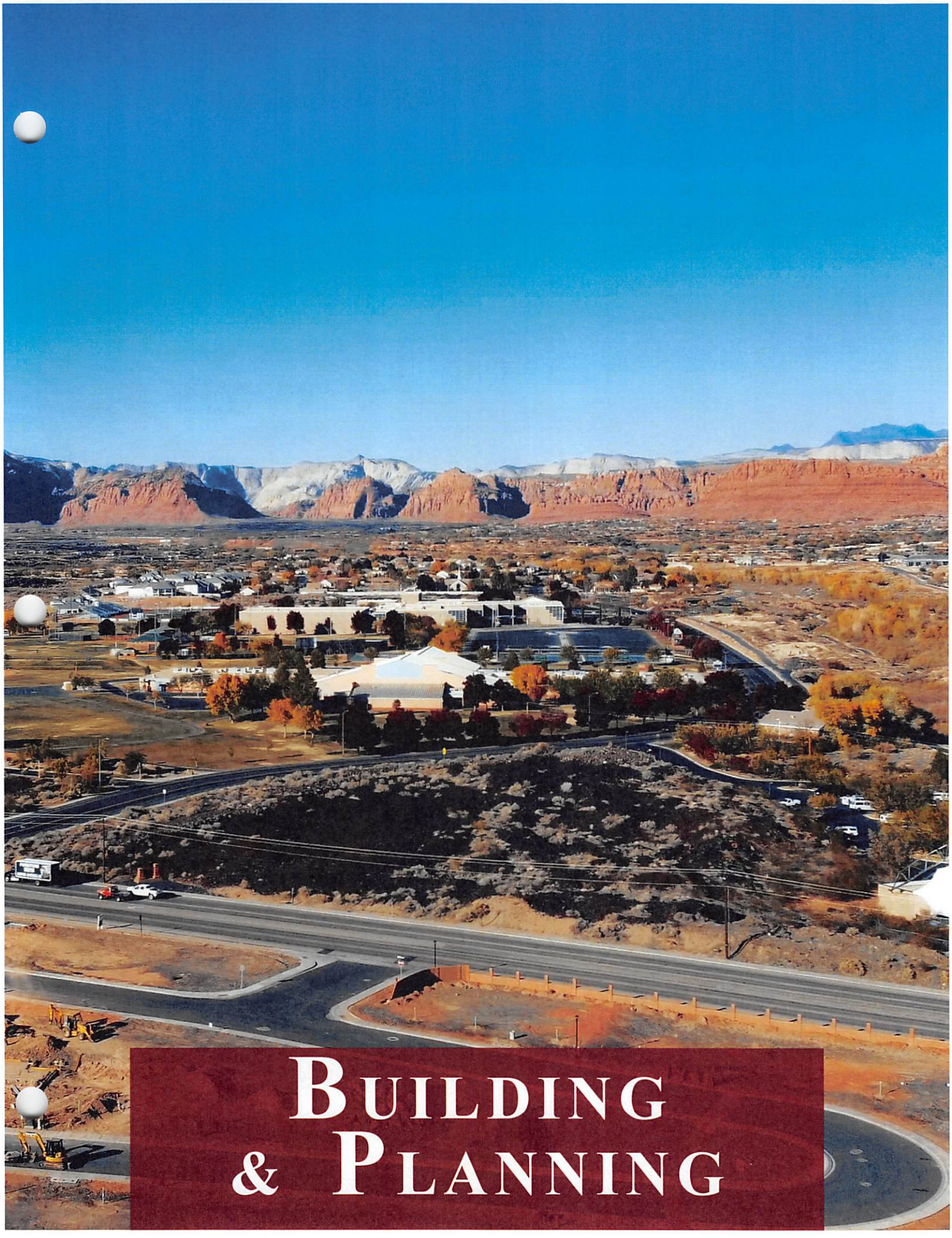
The Building & Planning Department is responsible for all the maintenance of City Hall and the Building and Zoning of the City. The Fiscal Year 2023 budget is $ 710,845, which is an increase of 28% from Fiscal Year 2022.



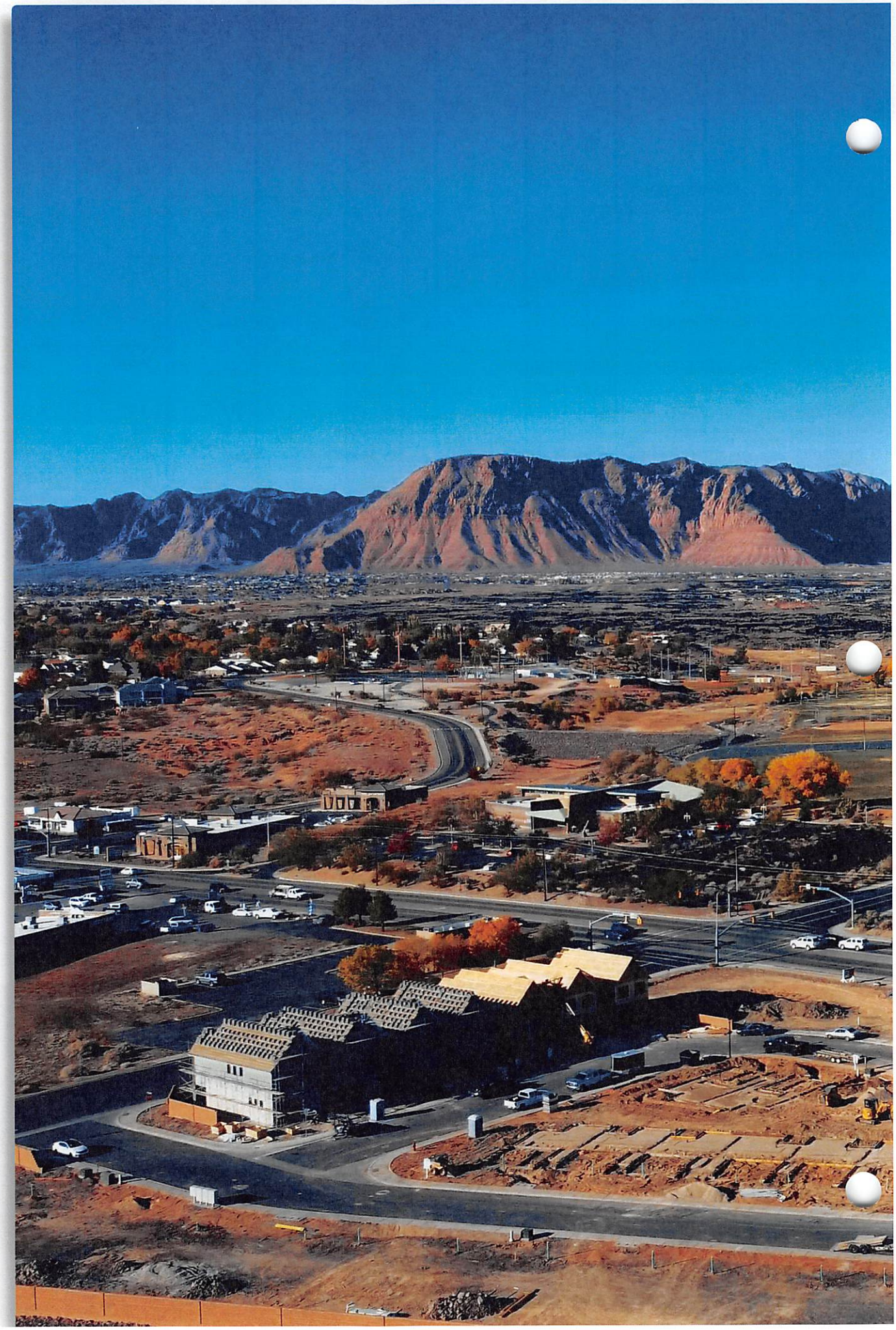








BUILDING & PLANNING



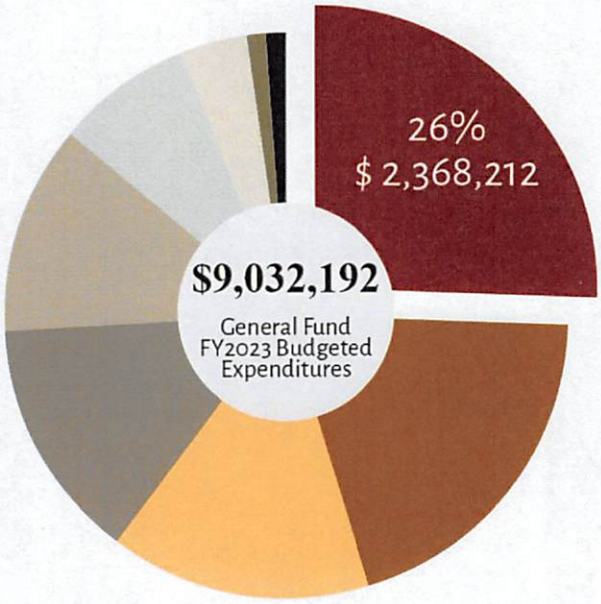
FIRE & EMS EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4230-110	SALARIES & WAGES	641,555	617,472	684,232	776,566	1,074,632
10.4230-115	VOLUNTEER STIPEND	7,453	4,083	955	-	1,500
10.4230-120	SALARIES & WAGES - WILDLAND	-	-	38,779	-	50,000
10.4230-125	OVERTIME	23,553	44,756	8,577	12,408	-
10.4230-130	OVERTIME - WILDLAND	-	-	52,360	-	72,500
10.4230-131	FICA	50,268	57,746	59,250	60,357	82,209
10.4230-132	RETIREMENT	65,980	69,614	94,407	86,016	122,942
10.4230-133	INSURANCE	117,163	143,001	161,406	177,321	260,079
10.4230-210	SUBSCRIPTIONS & MEMBERSHIPS	546	4,221	4,094	6,500	12,100
10.4230-230	TRAVEL	2,124	282	-	5,500	5,500
10.4230-240	OFFICE SUPPLIES	4,336	4,407	4,487	8,500	6,500
10.4230-246	UNIFORMS	9,002	8,191	8,833	9,499	12,000
10.4230-250	OPERATING SUPPLIES	33,580	44,607	60,482	50,500	42,000
10.4230-251	FUEL	11,117	14,147	17,057	14,500	17,000
10.4230-252	WILDLAND FIRE FUEL	3,762	2,827	5,350	8,000	8,000
10.4230-253	REPAIRS & MAINTENANCE	22,552	31,039	15,212	23,500	25,000
10.4230-254	WILDLAND VEH/EQUIP REPAIR	7,763	26,350	4,280	18,000	20,000
10.4230-255	FIRE PREVENTION	477	623	-	13,000	5,000
10.4230-260	BUILDING MAINTENANCE	15,588	19,464	19,063	25,000	15,000
10.4230-270	UTILITIES	8,147	6,855	9,982	8,500	8,500
10.4230-280	TELEPHONE	-	-	1,045	1,000	1,000
.4230-281	CELL PHONES	8,302	7,615	5,708	9,000	9,000
10.4230-330	LEGAL SERVICES	285	90	165	500	750
10.4230-350	MEDICAL & DRUG TESTING	287	880	387	1,750	1,250
10.4230-360	TRAINING	12,440	6,616	11,691	10,500	15,000
10.4230-370	PROFESSIONAL SERVICES	223,056	215,647	63,615	199,200	53,250
10.4230-450	EMS REV SHARE W/IVINS	-	-	139,622	-	157,500
10.4230-453	WILDLAND FIRE EXP'S	19,035	8,926	7,293	17,000	15,000
10.4230-454	SAFETY EQUIPMENT	12,200	9,742	9,735	17,000	36,000
10.4230-457	EMS SUPPLIES & TRAINING	-	-	-	1,500	-
10.4230-730	IMPROVEMENTS	-	(20)	10,992	28,500	35,000
10.4230-740	CAPITAL EQUIPMENT	7,160	-	377,992	435,000	161,000
10.4230-825	LEASE PAYMENTS	-	74,319	-	40,351	34,000
10.4230-985	COUNTY DISPATCH	6,591	8,855	7,704	16,500	9,000
	TOTAL FIRE & EMS	**1,314,323**	**1,432,355**	**1,884,754**	**2,081,468**	**2,368,212**



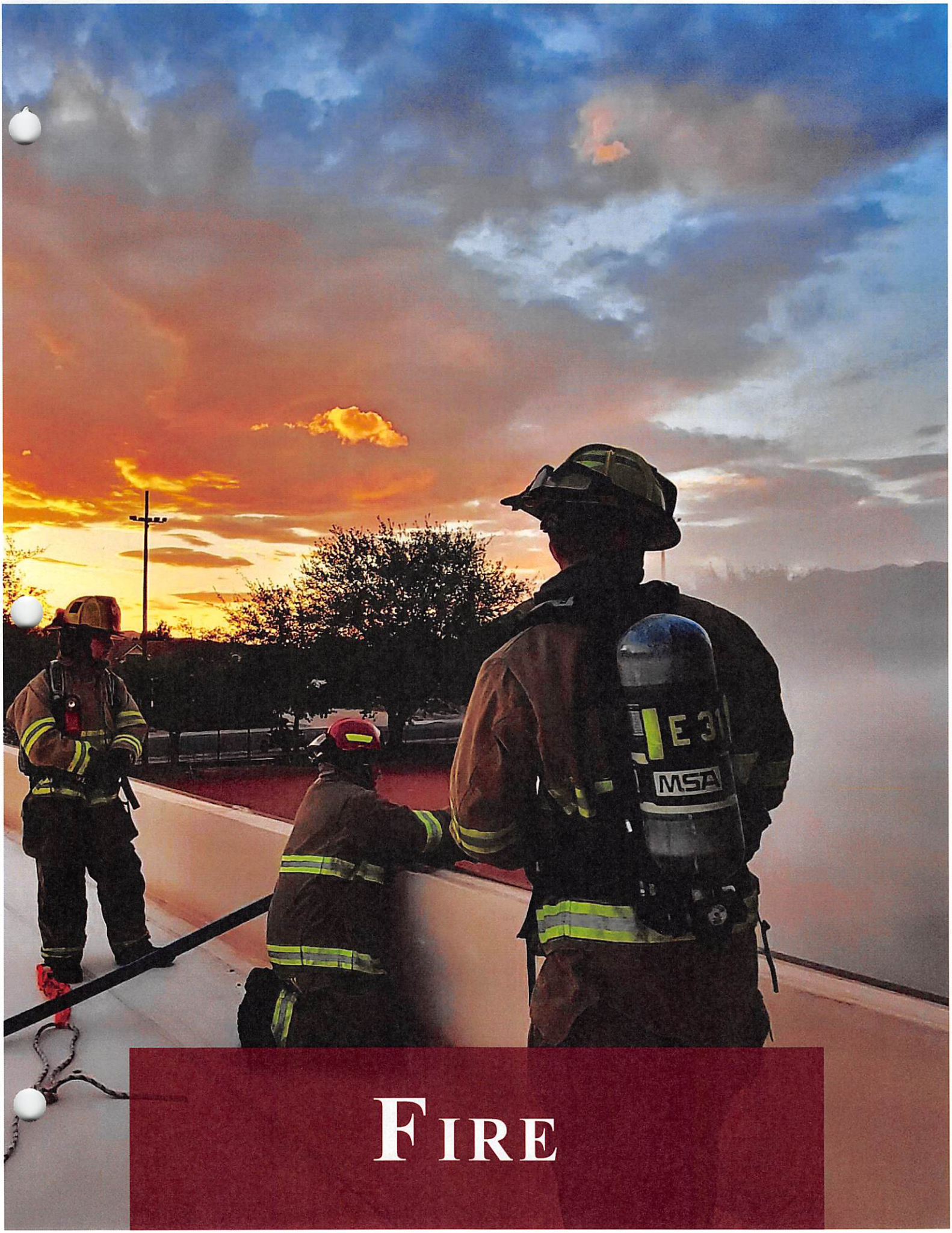
Fire

Santa Clara and Ivins entered an interlocal agreement for Fire and EMS services during Fiscal Year 2018. The Fire and EMS employees are officially designated as employees of the City of Santa Clara. Currently, Santa Clara pays 44% of expenditures, and Ivins pays 56%. The department employees are cross trained in both Fire and EMS. For Fiscal Year 2023, we are combining the budgets of Fire and EMS. The Fiscal Year 2023 budget is $ 2,368,212, which is an increase of 12% from Fiscal Year 2022. The increase is mainly due to the three new full-time employees.





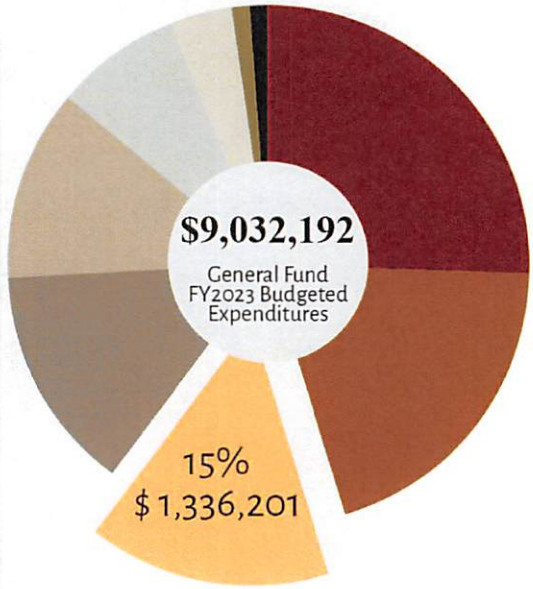




Fire







POLICE EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4220-251	FUEL	14,400	16,322	18,210	15,000	15,000
10.4220-450	POLICE - SCI	925,000	1,160,018	719,930	1,152,942	1,280,201
10.4220-980	SRO - ST. GEORGE	18,446	39,972	37,326	41,000	41,000
	TOTAL POLICE	**957,897**	**1,216,451**	**775,466**	**1,208,942**	**1,336,201**

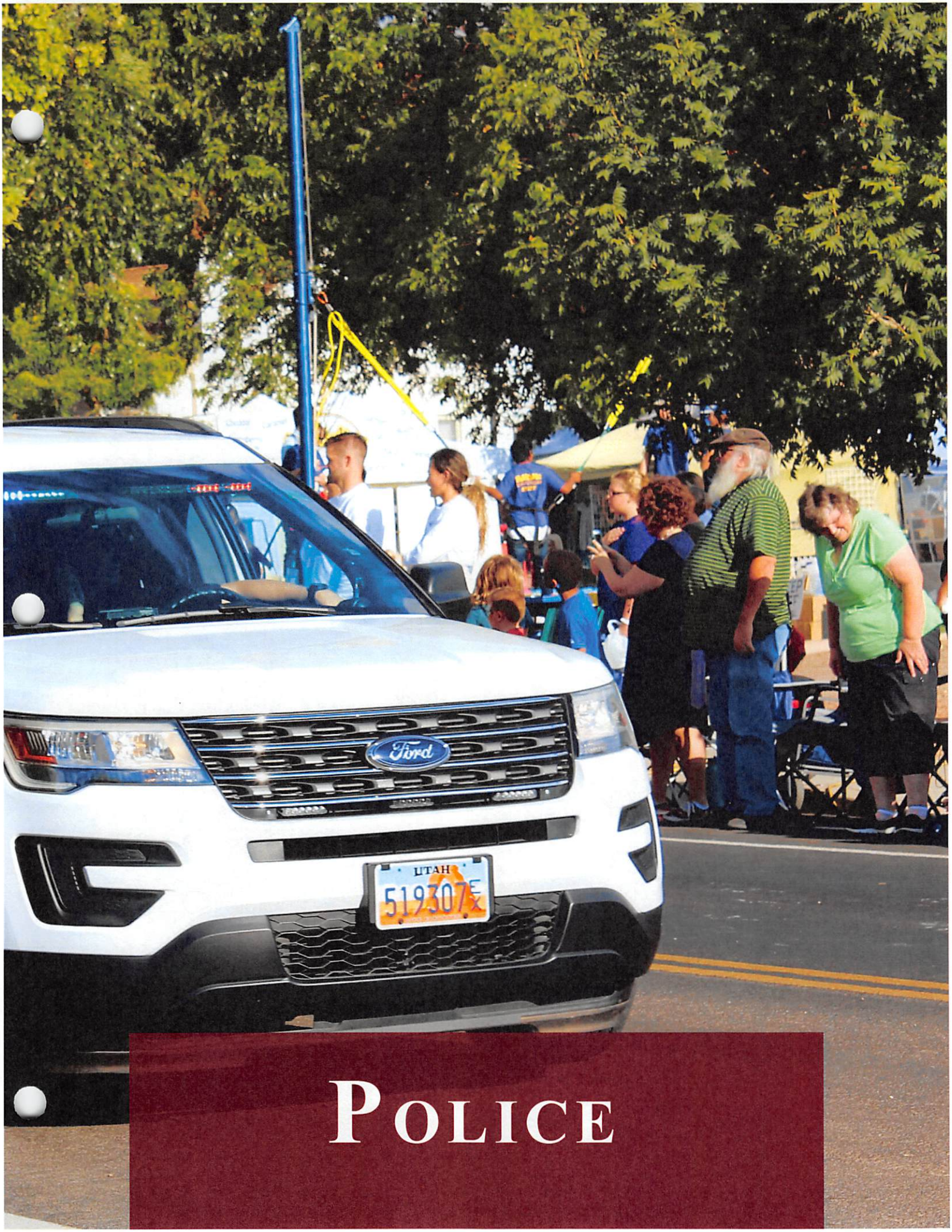


Police

In 2012, the City of Santa Clara entered into an interlocal agreement with Ivins City for Police Services. The Police Department is responsible for the safety and well being of the citizens of both Santa Clara and Ivins City, which it serves. Duties include enforcing traffic laws and regulations, responding to calls for service, investigating crimes, maintaining the peace, taking care of animal problems, supplying information and educating the public, and responding to all fire and medical calls in the area. Currently, Santa Clara pays 44% of expenditures, while Ivins pays 56%. The Fiscal Year 2023 budget is $ 1,336,201, which is an increase of 11% over Fiscal Year 2022. This includes payments to the City of St. George for a School Resource Officer at Snow Canyon Highschool.







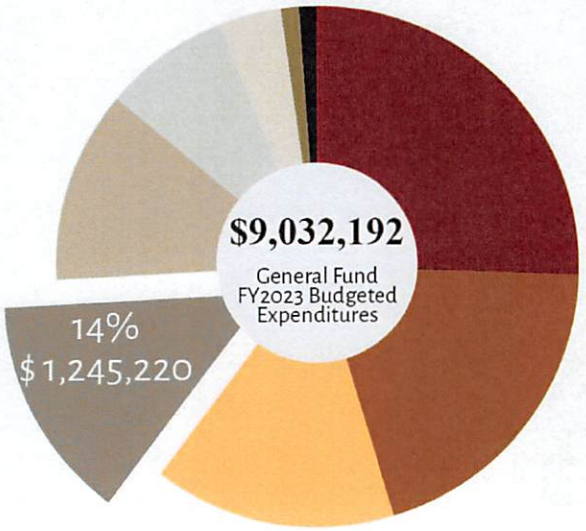
POLICE


SANTA CLARA - IVINS
POLICE

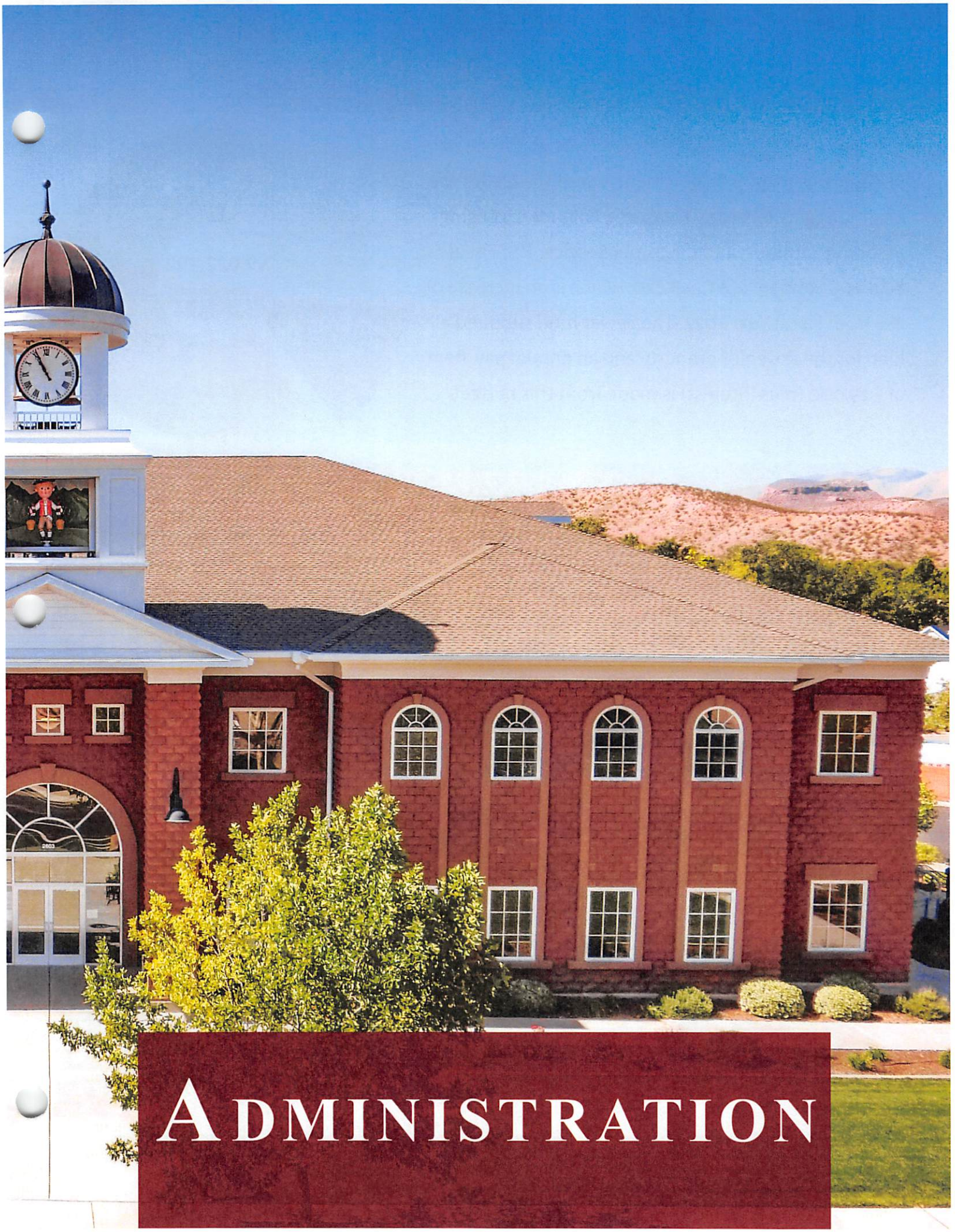
ADMINISTRATION EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4130-110	SALARIES & WAGES	111,366	121,033	130,719	137,508	153,830
10.4130-125	OVERTIME	1,418	799	935	1,535	0
10.4130-131	FICA	8,413	8,973	9,768	10,637	11,768
10.4130-132	RETIREMENT	18,124	19,554	21,365	22,630	24,123
10.4130-133	INSURANCE	22,297	20,975	31,841	32,260	22,924
10.4130-210	SUBSCRIPTIONS & MEMBERSHIPS	8,510	11,003	7,792	8,545	8,600
10.4130-220	PUBLIC NOTICES	1,084	691	160	2,500	1,000
10.4130-230	TRAVEL	20,490	124	10,982	14,500	10,500
10.4130-235	ELECTIONS	16,279	0	10,344	17,000	0
10.4130-240	OFFICE SUPPLIES	4,713	14,688	11,303	15,000	15,000
10.4130-241	CASH DRAWER - OVER/SHORT	0	0	0	0	0
10.4130-245	POSTAGE	3,315	3,923	3,126	6,000	6,000
10.4130-246	UNIFORMS	0	202	0	2,000	2,500
10.4130-250	OPERATING SUPPLIES	0	629	1,689	0	0
10.4130-260	BUILDING MAINTENANCE	325	695	270	0	0
10.4130-270	UTILITIES	11	0	880	0	0
10.4130-280	TELEPHONE	15,642	15,156	12,633	15,500	15,500
10.4130-281	CELL PHONES	6,411	3,819	2,800	3,800	3,800
10.4130-282	RENTALS	303	280	0	350	0
10.4130-310	IT SERVICES	103,934	133,942	137,578	127,450	125,255
.4130-311	SOLID WASTE DISPOSAL CONTRACT	340,639	393,111	322,425	394,710	408,090
0.4130-320	ENGINEERING SERVICES	0	(125)	0	0	0
10.4130-325	CREDIT/DEBIT CARD FEES	3,779	4,283	5,058	4,500	3,500
10.4130-330	LEGAL SERVICES	38,391	60,330	53,828	30,000	35,000
10.4130-340	ACCOUNTING & AUDITING SERVICES	6,945	2,350	10,150	7,000	7,000
10.4130-350	MEDICAL & DRUG TESTING	0	0	0	0	0
10.4130-360	TRAINING	2,796	3,720	9,325	10,310	10,500
10.4130-370	PROFESSIONAL SERVICES	42,472	78,064	32,274	35,500	38,320
10.4130-371	CODE CODIFICATION	1,433	2,498	172	1,500	1,500
10.4130-510	INSURANCE AND SURETY BONDS	13,242	10,098	16,187	15,000	16,000
10.4130-520	BAD DEBT	2,602	435	15	2,500	1,000
10.4130-542	CEC ANNUAL ASSESSMENT	7,906	8,083	8,100	8,250	8,300
10.4130-543	VOLUNTEER RECOGNITION DINNER	0	0	0	2,500	2,500
10.4130-730	IMPROVEMENTS	0	0	3,775	0	0
10.4130-740	CAPITAL EQUIPMENT	9,835	21,462	13,813	27,000	26,500
10.4130-810	PRINCIPAL ON BONDS	140,000	2,378,000	98,000	133,000	186,000
10.4130-820	INTEREST ON BONDS	85,396	58,976	37,467	75,349	70,010
10.4130-825	LEASE PAYMENTS	7,206	1,737	79	5,200	5,200
10.4130-830	FISCAL AGENT FEES	0	29,000	2,000	5,000	5,000
10.4130-997	TRANSFER TO CAPITAL PROJECTS	0	500,000	0	0	0
10.4130-999	CONTINGENCY	20,330	11,469	16,262	20,000	20,000
	TOTAL ADMINISTRATION	**1,325,466**	**3,919,975**	**1,023,113**	**1,194,534**	**1,245,220**

Administration

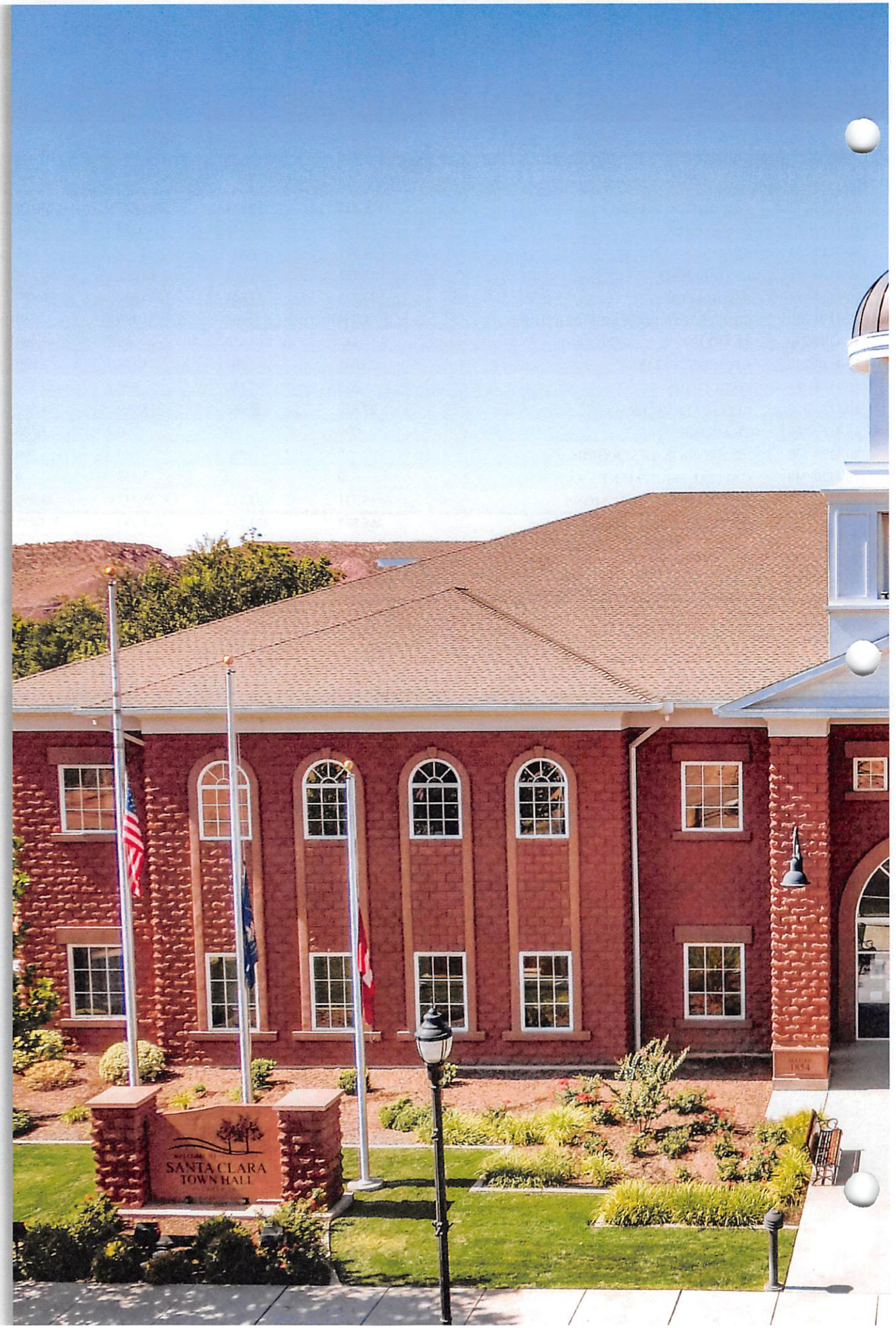
The Administration Department is responsible for the City Manager, Recorder, Treasurer, Finance, Licensing, Planning, Utilities, and Customer Service. The Fiscal Year 2023 budget is $ 1,245,220, which is an increase of 4% from Fiscal Year 2022. The Sewer fund supplied a loan for the Rosenlof property and an annual payment of $ 25,000 (plus interest) is made from this budget.







ADMINISTRATION


SANTA CLARA
TOWN HALL

JUSTICE COURT

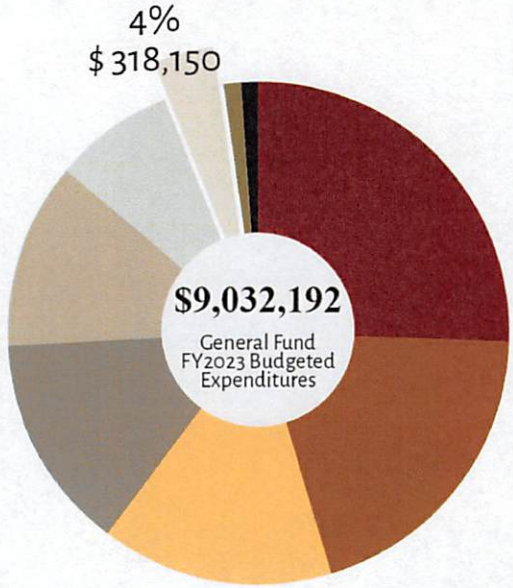
JUSTICE COURT EXPENDITURES		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.4120-110	SALARIES & WAGES	106,582	112,744	101,627	113,429	117,131
10.4120-125	OVERTIME	1,285	732	359	2,668	0
10.4120-131	FICA	7,979	8,447	7,513	8,881	8,961
10.4120-132	RETIREMENT	13,223	14,002	13,292	16,844	15,370
10.4120-133	INSURANCE	33,512	35,541	36,339	38,499	41,918
10.4120-210	SUBSCRIPTIONS & MEMBERSHIPS	1,000	706	1,490	750	750
10.4120-230	TRAVEL	312	0	89	1,000	500
10.4120-240	OFFICE SUPPLIES	5,085	2,099	1,128	4,000	3,500
10.4120-281	DATA CARD	520	480	400	520	520
10.4120-330	LEGAL SERVICES	27,879	30,066	18,489	27,500	27,500
10.4120-360	TRAINING	200	0	0	1,500	1,500
10.4120-370	PROFESSIONAL SERVICES	0	500	0	500	500
10.4120-740	**CAPITAL EQUIPMENT**	**0**	**0**	**3,558**	**0**	**0**
10.4120-905	**STATE FINE COLLECTIONS**	**69,311**	**87,925**	**98,412**	**88,000**	**100,000**
	TOTAL JUSTICE COURT	**266,887**	**293,243**	**282,696**	**304,091**	**318,150**



Justice Court

The Santa Clara Justice Court provides service to both Santa Clara and Ivins. In 2013, Santa Clara and Ivins entered into an interlocal agreement in 2013 for Court services. Santa Clara pays 46% and Ivins pays 54% of expenditures while the revenue is split 50/50. The Fiscal Year 2023 budget is $ 318,150, which is a 5% increase from Fiscal Year 2022.





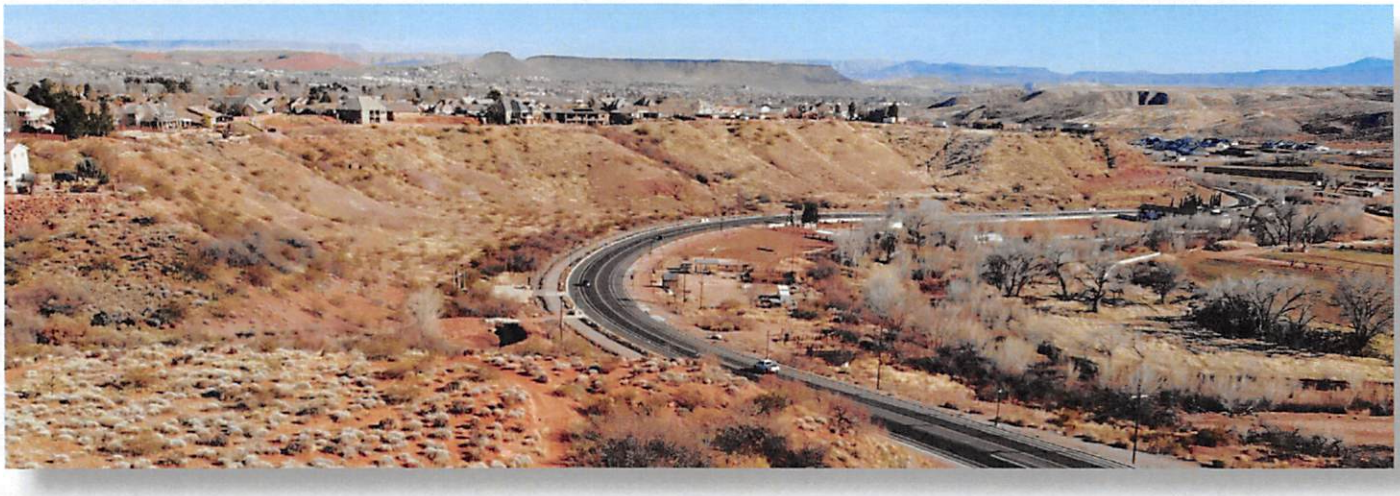




JUSTICE COURT



The City received $ 498,078 in ARPA (American Rescue Plan Act) funds. The American Rescue Plan (ARP) is a federal grant to facilitate recovery from the economic and health effects of the COVID19 pandemic. The use for these funds is undetermined at this time.



SPECIAL REVENUE FUND		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
42.3341-000	CARES ACT REVENUE	0	(688,425)	0	0	0
42.4100-110	CARES ACT PAYROLL EXPENSES	0	103,427	0	0	0
42.4100-250	CARES ACT EXPENSES	0	584,998	0	0	0
42.3342-000	ARPA REVENUE	0	0	(498,079)	0	(498,079)
42.4200-740	ARPA CAPITAL EQUIPMENT	0	0	14,399	0	498,079
	TOTAL SPECIAL REVENUE FUND	**0**	**0**	**(483,680)**	**0**	**0**



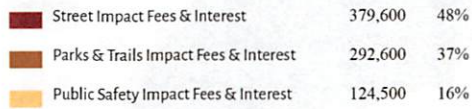
Impact Fees

The Impact Fees fund consists of fees collected from new development to build infrastructure to serve new growth. The impact fee budget for FY 2023 is $796,700 which is an increase of 24% over FY 2022.

IMPACT FEES REVENUE FUND		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
48.3912-000	STREETS IMPACT FEES	145,199	636,237	382,385	302,080	377,600
48.3922-000	STREETS IMPACT - INTEREST	3,308	1,685	2,701	2,500	2,000
48.3914-000	PARKS & TRAILS IMPACT FEES	312,355	480,043	268,166	232,480	290,600
48.3924-000	PARKS & TRAILS IMPACT-INTEREST	18,864	1,851	1,590	2,500	2,000
48.3915-000	PUBLIC SAFETY IMPACT FEES	70,807	193,752	116,455	98,400	123,000
48.3925-000	PUBLIC SAFETY IMPACT-INTEREST	8,208	2,355	1,825	2,000	1,500
	TOTAL IMPACT FEES REVENUE FUND	**558,742**	**1,315,924**	**773,121**	**639,960**	**796,700**

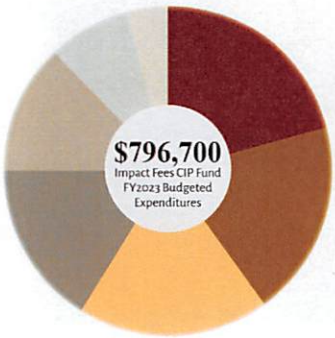
Capital Improvement Projects

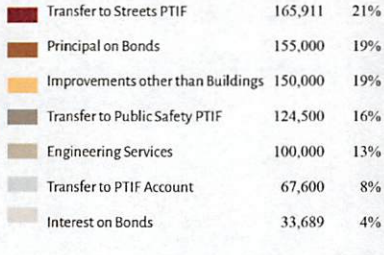
- Sycamore Crossing bond payment
- Removal of planters along Santa Clara Drive
- Lava Flow Trail to Affirmation Drive
- Design of new Splashpad
- Design of new Skate Park
- Payment on MBA
- Work on the new Tobler Park (Orchard)

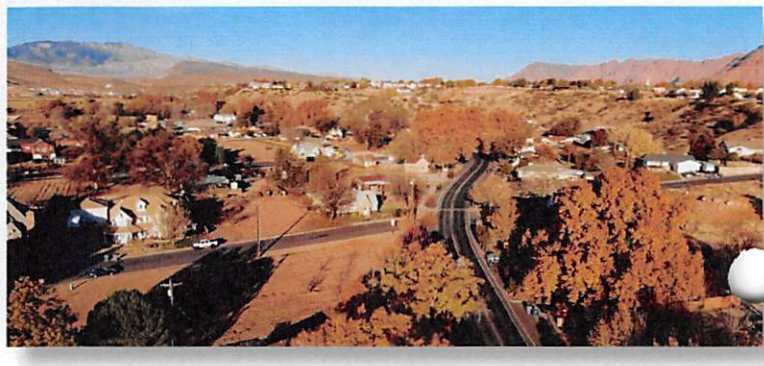




GENERAL IMPACT FEES CIP FUND		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
48.4100-730	IMPROV OTHER THAN BUILDINGS	945,197	0	1,513	0	50,000
48.4100-810	PRINCIPAL ON BONDS	0	0	88,109	130,000	130,000
48.4100-820	INTEREST ON BONDS	0	52,500	27	34,782	33,689
48.4100-940	TRANSFER TO STREETS PTIF	0	0	0	0	165,911
48.4200-320	ENGINEERING SERVICES	500	0	545	0	100,000
48.4200-730	IMPROV OTHER THAN BUILDINGS	874,113	290,593	93,277	195,000	100,000
48.4200-810	PRINCIPAL ON BONDS	30,000	0	30,000	30,000	25,000
48.4200-940	TRANSFER TO PTIF ACCT	0	0	0	0	67,600
48.4300-720	LAND/BUILDINGS	0	102,270	17,001	0	0
48.4300-730	IMPROV OTHER THAN BUILDINGS	0	1,038	0	0	0
48.4300-810	PRINCIPAL ON BONDS	5,000	0	20,000	20,000	0
48.4300-940	TRANS TO PUBLIC SAFE IMP PTIF	0	0	0	0	124,500
	TOTAL GENERAL IMPACT FEES CIP FUND	**1,616,336**	**450,041**	**250,472**	**409,782**	**796,700**

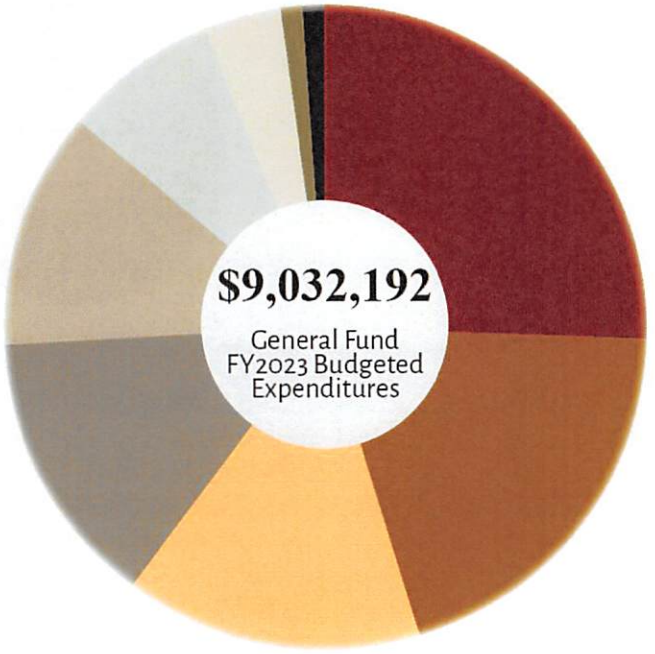




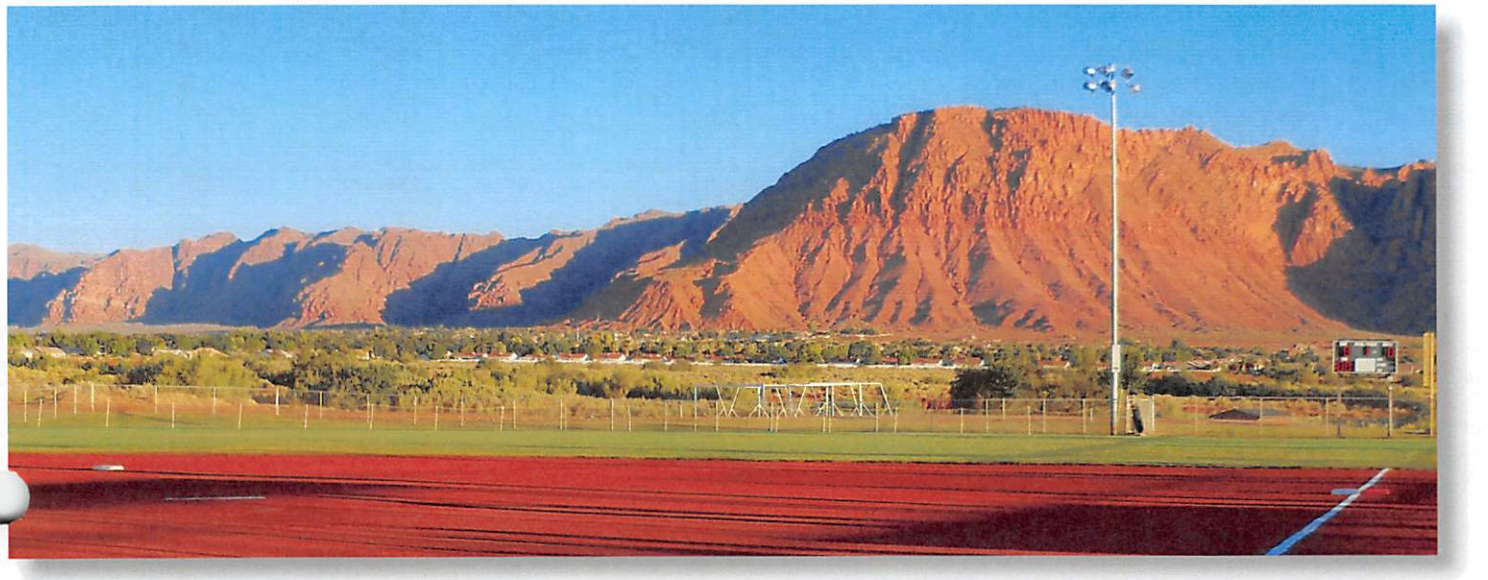


General Fund Expenditures

GENERAL FUND EXPENDITURES SUMMARY	ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
JUSTICE COURT		293,243	304,091	290,000	318,150
ADMINISTRATION		3,919,975	1,194,534	1,030,000	1,245,220
POLICE		1,216,451	1,208,942	1,063,735	1,336,201
FIRE & EMS		1,432,355	2,081,468	2,090,000	2,368,212
BUILDINGS & PLANNING		446,454	557,004	560,000	710,845
PUBLIC WORKS		641,842	1,271,950	1,280,000	1,059,765
PARKS		988,140	1,480,384	1,300,000	1,832,786
SWISS DAYS		30,120	48,600	75,100	72,004
ECONOMIC DEVELOPMENT		25,153	46,000	60,000	89,009
FUND BALANCE (+/-)		-	-	270,576	-
TOTAL GENERAL FUND EXPENDITURES		**8,993,733**	**8,192,973**	**8,019,411**	**9,032,192**



Justice Court	318,150	4%
Administration	1,245,220	14%
Police	1,336,201	15%
Fire & EMS	2,368,212	26%
Buildings & Planning	710,845	8%
Public Works	1,059,765	12%
Parks & Recreation	1,832,786	20%
Swiss Days	72,004	< 1%
Economic Development	89,009	< 1%



General Fund Expenditures

The General Fund is budgeted to maintain basic services at established service levels. The budget maintains the long-term goals of the City while recognizing the immediate demands on City services. Department operating budgets have been analyzed to ensure fiscal responsibility. The General Fund expenditures for Fiscal Year 2023 total $ 9,032,192.

Health Benefits: Costs associated with providing the Summit Network, Health Savings Account (HSA), and Telemedicine, are the health plans provided to the employees. These costs are included in the budget. The health insurance plans will see a 4.8.

General Employee Retirement: The Public Employees Noncontributory Retirement System plan rate decreased a half of a percent and is now 17.97% for Tier 1 employees, 16.01% for Tier 2 employees. The firefighter's retirement is at a rate of 18.66% for Tier 1 and 14.08 for Tier 2 employees. The Post retired employee rate is 6.61%. The City offers a 2%, 401k, etc. match to full-time employees.

Recommended Positions: There are 5 new recommended positions in the budget. Three of the positions are for the Fire Department that will be covered by the Washington Country grant. There's one full time position for the Parks Department, which combines two part time positions. There will also be a new Administrative Assistant position that will assist in all areas needed, but mostly the Power Department.



General Fund Revenues

Miscellaneous Revenue budget for Fiscal Year 2023 is $ 105,600, which is an increase of 20% from Fiscal Year 2022.

MISCELLANEOUS REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3600-000	MISCELLANEOUS REVENUE	736,305	63,467	45,358	16,000	25,000
10.3610-000	INTEREST EARNINGS	135,170	40,943	35,905	25,000	30,000
10.3639-000	RENT - ROSENLOF HOME	7,645	17,312	17,629	20,400	20,400
10.3640-000	GAIN/LOSS SALE OF ASSETS	3,200	2,750	41,600	0	0
10.3641-000	LEASE PROCEEDS- CELL TOWER(S)	105,230	1,150	1,323	0	3,600
10.3644-000	RENT	28,161	22,800	19,800	21,600	21,600
10.3647-000	BANQUET HALL RENTAL	7,915	2,600	5,190	5,000	5,000
10.3651-000	DONATIONS - GENERAL	0	0	12,156	0	0
10.3651-001	DONATIONS - FIRE	50	398	40	0	0
10.3651-002	DONATIONS - SC BEAUTIFICATION	0	0	400	0	0
	TOTAL MISCELLANEOUS REVENUE	**1,074,636**	**2,389,549**	**179,400**	**88,000**	**105,600**

Swiss Days and Miss Santa Clara revenues are budgeted at $ 31,250, which is an increase of 44% from Fiscal year 2022.

SWISS DAYS REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3780-001	SWISS DAYS 5K RUN/WALK	10,540	8	10,688	5,000	8,000
10.3780-002	SWISS DAYS BREAKFAST	2,773	0	2,601	1,200	2,500
10.3780-003	SWISS DAYS VENDOR BOOTH	6,320	20	9,855	4,000	9,000
10.3780-004	SWISS DAYS KID'S BOOTH	775	0	797	500	750
10.3780-005	SWISS DAYS BANNERS	0	0	300	0	0
10.3780-007	SWISS DAY SUNDRY REVENUES	70	0	305	0	0
10.3780-012	SWISS DAYS DINNER	1,547	0	320	1,000	1,000
10.3780-013	SPONSOR & AD	16,425	15,410	15,940	10,000	10,000
10.3785-000	SWISS DAYS RESERVES	0	0	0	0	0
	TOTAL SWISS DAYS	**38,450**	**15,438**	**40,806**	**21,700**	**31,250**

Transfers and Other revenues are budgeted at $ 825,575, which is a decrease of 5% from Fiscal Year 2022. There is a transfer-in of impact fees from the Enterprise Funds to cover their portion of the MBA bond payment on City Hall and for services provided and paid for by the General Fund. The portion of transfers-in are as follows: Water Fund ($ 101,631), Sewer Fund ($ 55,969), Electric Fund ($ 62,256), and Storm Water Fund ($ 25,694).

OTHER/TRANSFERS REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3850-000	PUBLIC SERVICES SHOP-STORM WAT	25,981	26,509	25,694	25,694	22,079
10.3855-000	PUBLIC SERVICES SHOP- ELECT FD	63,981	67,146	62,256	62,256	77,136
10.3860-000	PUBLIC SERVICES SHOP-WATER FND	103,356	106,521	101,631	101,631	75,882
10.3865-000	PUBLIC SERVICES SHOP-SEWER FND	56,831	58,414	55,969	55,969	36,737
10.3881-000	TRANSFER FROM OTHER FUNDS	105,000	130,000	0	130,000	0
10.3890-000	BEG GF BALANCE TO BE APPROPRAT	0	0	0	518,049	613,741
	TOTAL OTHER REVENUE	**355,149**	**388,590**	**245,550**	**893,599**	**825,575**

General Fund Revenues

Charges for Services consists of Class C Road Funds, Ivins City Court, Fire & EMS Reimbursements, State Grants, Federal Grants, and State Liquor Funds. The budgeted revenue for Fiscal Year 2023 is $1,292,930 which is a 4% increase from Fiscal Year 2022.

CHARGES FOR SERVICES REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3412-000	ZONING & SUBDIVISION FEES	13,998	31,825	27,724	12,000	10,000
10.3413-000	CONSTRUCTION/MISC PERMITS	6,715	9,426	9,559	5,000	5,000
10.3420-000	DAMMERON VALLEY PROJECT	13,950	0	0	0	0
10.3422-000	WILDLAND FIRE	125,330	179,614	150,121	100,000	175,000
10.3423-000	WILDLAND FIRE EQUIPMENT	80,050	0	0	90,000	0
10.3424-000	PLAN REVIEW	27,804	13,660	24,278	15,000	15,000
10.3426-000	AMBULANCE SERVICE CHARGES	324,288	335,193	326,238	285,000	330,000
10.3428-000	UTILITY ADMINISTRATION FEE	20,340	24,450	20,450	20,000	20,000
10.3440-000	STREET MAINTENANCE	111,020	120,927	121,683	126,060	136,920
10.3443-000	REFUSE COLLECTION CHARGES	364,357	396,897	386,369	437,190	452,010
10.3444-000	REFUSE COLLECTION PENALTIES	3,488	4,389	3,392	2,500	3,000
10.3445-000	RECYCLING CHARGE	5,007	(3,238)	15,012	4,500	4,000
10.3460-000	**AH GUBLER CONCES FOOD/NONFOOD**	**3,582**	**21,015**	**15,804**	**17,000**	**17,000**
10.3462-000	**AH GUBLER PARK TOURNAMENT REV**	**24,308**	**70,923**	**46,790**	**50,000**	**35,000**
10.3463-000	**GUBLER PARK LEAGUE REVENUE**	**100**	**0**	**40**	**0**	**0**
10.3474-000	**B ROCK & CANYONVIEW PK RESERVA**	**1,400**	**4,525**	**3,710**	**2,000**	**2,000**
10.3475-000	**HERITAGE SQUARE USE FEES**	**90**	**1,055**	**1,915**	**500**	**1,000**
10.3477-000	**PICKLEBALL COURT RESERVATION**	**0**	**1,433**	**0**	**0**	**0**
10.3481-000	**SALE OF CEMETERY BURIAL PLOTS**	**20,700**	**55,102**	**69,250**	**25,000**	**30,000**
10.3482-000	**PERPETUAL CARE**	**15,450**	**42,810**	**39,839**	**20,000**	**23,000**
10.3483-000	**INTERMENT FEE**	**7,450**	**11,000**	**9,400**	**8,500**	**9,000**
10.3491-000	**HCP ADMINISTRATIVE FEE**	**24,783**	**40,067**	**27,043**	**25,000**	**25,000**
	TOTAL CHARGES FOR SERVICES	**1,194,211**	**1,361,072**	**1,298,616**	**1,245,250**	**1,292,930**

Fines & Forfeitures budgeted revenue for Fiscal Year 2023 is $ 225,000, which is a 13% increase from Fiscal Year 2022.

FINES & FORFEITURES REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3510-000	SMALL CLAIMS FILING FEE	0	0	0	0	0
10.3511-000	FINES AND PENALTIES	210,823	227,155	260,209	200,000	225,000
10.3520-000	RESTITUTION	0	0	0	0	0
	TOTAL FINES & FORFEITURES	**210,823**	**227,155**	**260,209**	**200,000**	**225,000**

General Fund Revenues

Taxes make up the largest source of revenue in the General Fund, representing approximately 45% of the total General Fund revenue. It is made up of Sales Tax, Property Tax, and Franchise Taxes. Revenue from this category is estimated at $ 4,103,779 for Fiscal Year, which is a 12% increase from Fiscal Year 2022.

TAX REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3110-000	CURRENT YEAR PROPERTY TAXES	903,035	984,295	1,020,911	1,023,486	1,084,779
10.3120-000	PRIOR YEAR PROPERTY TAXES	25,994	29,851	41,891	15,000	25,000
10.3121-000	FEE IN LIEU - PROPERTY TAXES	73,093	91,517	64,636	76,133	75,000
10.3130-000	SALES AND USE TAXES	1,218,069	1,524,970	1,552,277	1,500,000	1,750,000
10.3135-000	1/4 % HIGHWAY SALES & USE TAX	154,778	219,658	254,793	217,000	250,000
10.3136-000	LOCAL OPTION SALES TAX	61,300	130,042	134,680	128,000	140,000
10.3140-000	FRANCHISE TAXES - ELECTRIC	292,267	346,190	270,905	300,000	330,000
10.3150-000	FRANCHISE TAXES - CABLE	22,992	22,288	22,935	21,000	25,000
10.3165-000	FRANCHISE TAXES - GAS	85,429	98,692	105,420	90,000	101,000
10.3170-000	MUNICIPAL TELECOM LICENSE TAX	43,527	33,518	28,139	31,753	28,000
10.3174-000	RECREATION, ARTS & PARKS (RAP)	111,606	148,156	135,634	137,000	150,000
10.3175-000	TRANSIENT ROOM TAX	55,167	118,946	149,635	114,000	145,000
	TOTAL TAXES	**3,047,256**	**3,748,124**	**3,781,856**	**3,653,372**	**4,103,779**

Licenses & Permits Revenue is comprised of Business Licenses, Animal Licenses, and Building Permits. The budgeted revenue for Fiscal Year 2023 is $ 212,250 which is an 18% decrease from Fiscal Year 2022.

LICENSES & PERMITS REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3210-000	BUSINESS LICENSES	7,090	7,415	7,895	5,000	7,000
10.3221-000	BUILDING PERMIT FEES	234,745	429,431	312,524	250,000	200,000
10.3222-000	BUILD PERMIT STATE SURCHARGE	2,493	3,518	2,512	2,500	2,500
10.3225-000	ANIMAL LICENSES	3,156	2,997	2,886	2,100	2,500
10.3226-000	SPECIAL EVENT PERMITS	500	250	550	250	250
	TOTAL LICENSES & PERMITS	**247,985**	**443,611**	**326,367**	**259,850**	**212,250**

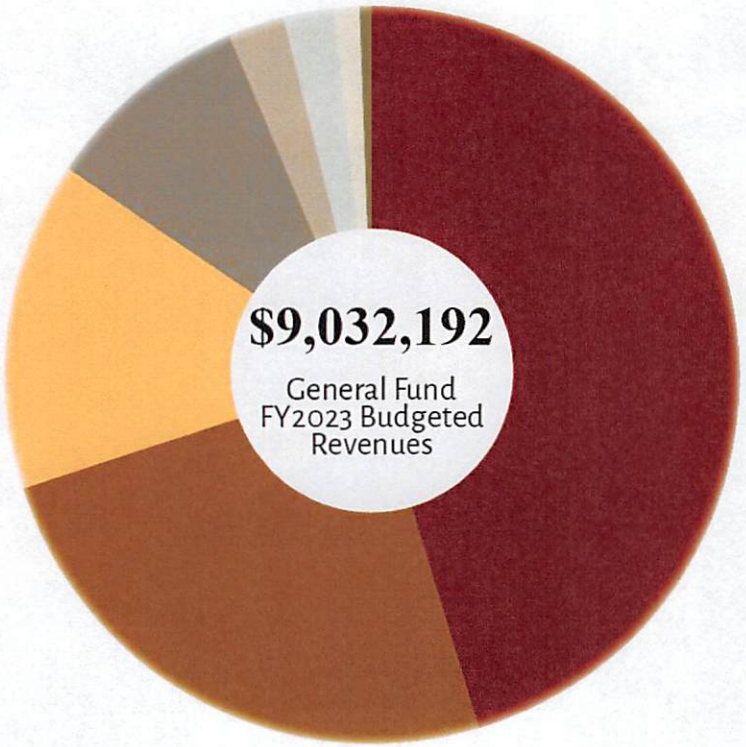
Intergovernmental Revenue consists of Class C Road Funds, Ivins City Court, Fire & EMS Reimbursements, State and Federal Grants, and State Liquor Funds. The budgeted revenue for Fiscal Year 2023 is $ 2,235,808, which is a 22% increase from Fiscal Year 2022.

INTERGOVERNMENTAL REVENUE		ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
10.3310-000	STATE/FEDERAL	162,720	14,585	12,885	0	0
10.3315-000	WASHINGTON COUNTY GRANTS	115,000	50,000	260,000	160,000	330,000
10.3356-000	CLASS "C" ROAD FUND	362,558	399,950	400,729	375,000	395,000
10.3358-000	STATE LIQUOR FUND	5,746	5,889	6,935	5,750	7,000
10.3360-000	RISK MANAGEMENT GRANT/ULGT	0	2,390	2,390	2,250	2,500
10.3362-000	IVINS CITY - COURT REIMBURSE	41,533	40,424	31,126	164,209	178,164
10.3363-000	IVINS CITY - FIRE/EMS REIMBURS	743,520	612,649	729,402	1,123,993	1,323,144
	TOTAL INTERGOVERNMENTAL REVENUE	**1,431,077**	**1,125,887**	**1,443,466**	**1,831,202**	**2,235,808**

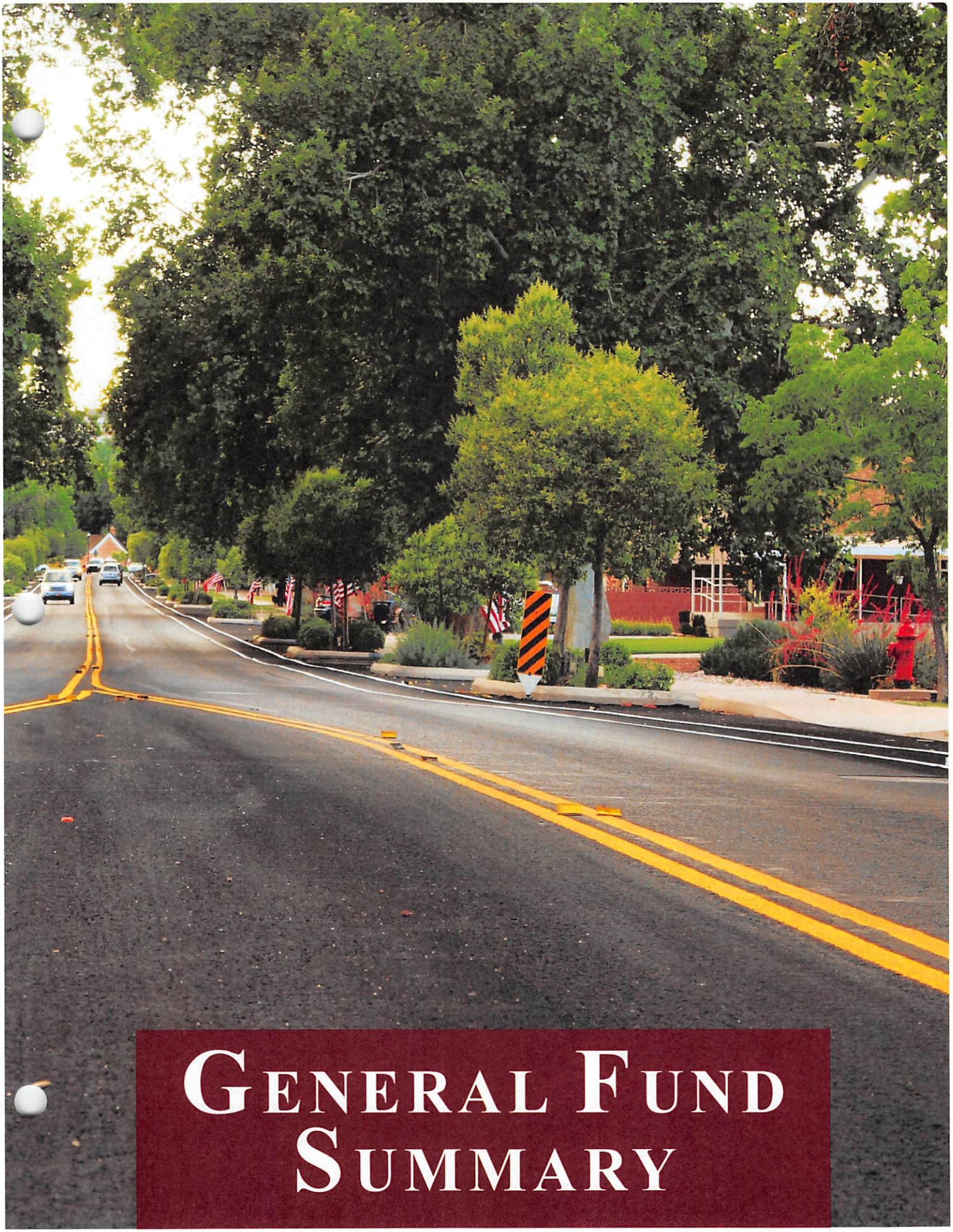
General Fund Revenues

The General Fund is comprised of the following departments: Court, Administration, Police, Fire, EMS, Building, Public Works, Parks, Sports Field Maintenance, Swiss Days and Economic Development. In Fiscal Year 2022, the General Fund budgeted revenue was $8,192,973. The estimated revenue for Fiscal Year 2023 is $9,032,192, being an increase of 10% from Fiscal Year 2022.

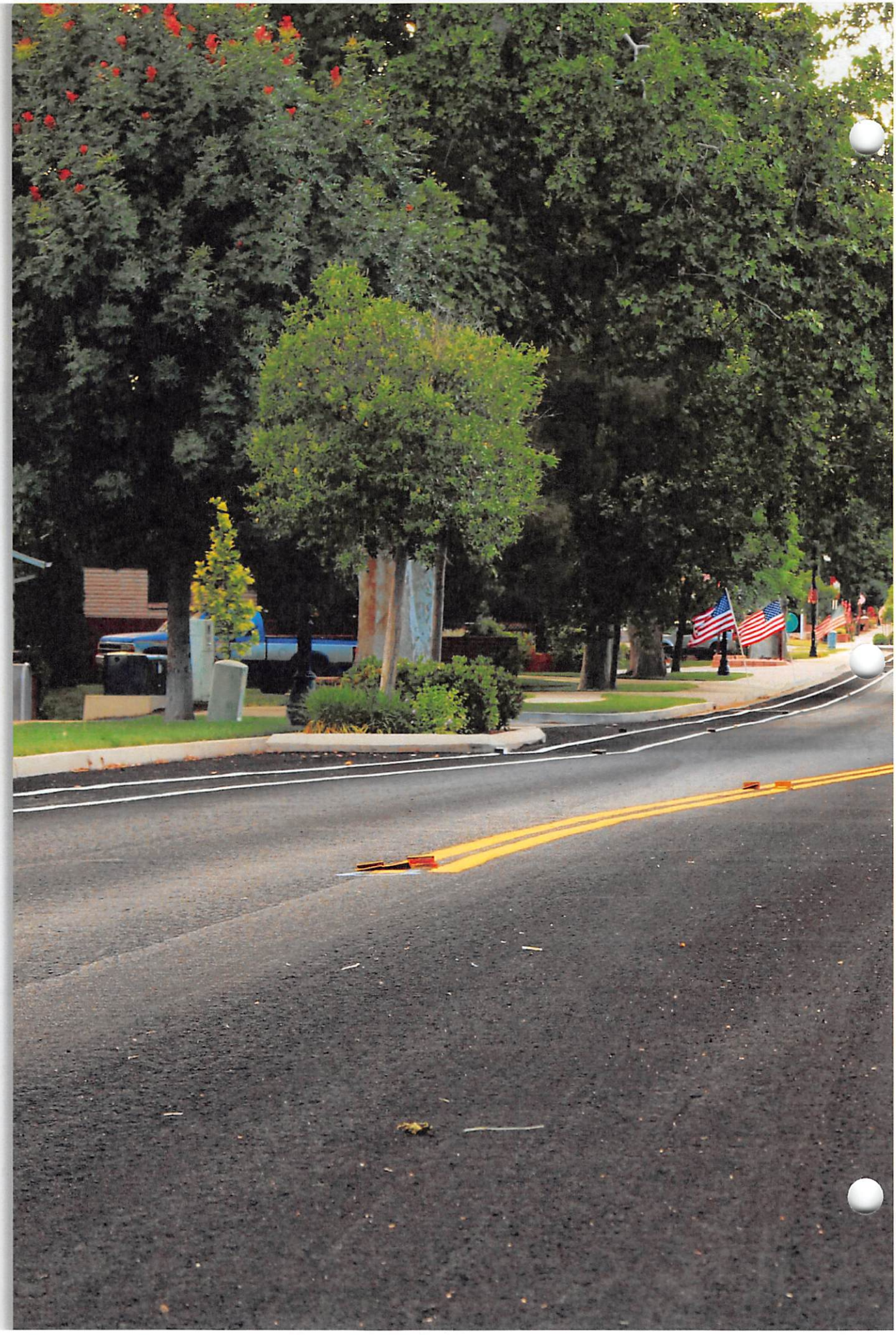
GENERAL FUND REVENUE SUMMARY	ACTUAL 6/30/2020	ACTUAL 6/30/2021	ACTUAL 6/30/2022	BUDGET 6/30/2022	BUDGET 6/30/2023
TAXES	3,047,256	3,748,124	3,781,856	3,653,372	4,103,779
LICENSES & PERMITS	247,985	443,611	326,367	259,850	212,250
INTERGOVERNMENTAL	1,431,077	1,125,887	1,443,466	1,831,202	2,235,808
CHARGES FOR SERVICES	1,194,211	1,361,072	1,298,616	1,245,250	1,292,930
FINES & FORFEITURES	210,823	227,155	260,209	200,000	225,000
MISCELLANEOUS	1,074,636	2,389,549	179,400	88,000	105,600
SWISS DAYS & PAGEANT	38,450	15,438	40,806	21,700	31,250
OTHER/TRANSFERS	355,149	388,590	245,550	893,599	825,575
TOTAL GENERAL FUND REVENUE	**7,599,587**	**9,699,426**	**7,576,270**	**8,192,973**	**9,032,192**



Taxes	4,103,779	45%
Intergovernmental	2,235,808	25%
Charges for Services	1,292,930	14%
Other/Transfers	825,575	9%
Licenses & Permits	212,250	2%
Fines & Forefeitures	225,000	2%
Miscellaneous	105,600	1%
Swiss Days	31,250	< 1%



General Fund Summary



Organization Structure

Citizens of Santa Clara

Mayor & City Council


Mayor Rick Rosenberg


Jarett Waite


Ben Shakespeare


Denny Drake


Leina Mathis


Christa Hinton

City Management

Brock Jacobsen, City Manager

Scott Bannon, Assistant City Manager

Planning Commission
Economic Development Commission
Heritage Commission

Administration

Brock Jacobsen & Scott Bannon
City Management

- Recorder
- Justice Court
- Utilites
- Business Licensing
- Swiss Days
- Finance

Building

Cody Mitchell
Building Official

- Building Permits
- Zoning
- Building Maintenance

Fire & EMS

Andrew Parker
Fire Chief

- Fire
- EMS
- Wildlands

Parks

Scott Bannon
Assistant City Manager

- River Reserve
- Parks & Trails
- Cemetery
- Tournaments
- Leagues
- Ball Fields

Power

Gary Hall
Power Director

- UAMPS
- Sustations
- Generations
- Transmission
- Distribution

Public Works

Dustin Mouritsen
Public Works Director

- Streets
- Water
- Sewer
- Storm Water

The City's leadership team is comprised of individuals representing all services and support provided to our citizens. The City Council consists of the Mayor and five Council members who are all elected at large to serve four-year staggered terms. The Mayor serves as the chairperson of the Council and presides at all Council meetings. The City Manager is under the direction of the Mayor and City Council, acting as the liasion between the City departments and the Mayor and City Council. The Department Heads report to the City Manager and Assistant City Manager.



Fiscal Year 2021-2022 Review

Brock Jacobsen, City Manager

In accordance with state and local ordinances, we are pleased to present the City of Santa Clara Fiscal Year 2022-2023 budget. The proposed budget is balanced and in compliance with Utah State Law. The budget reflects the commitment the City Council and staff have made to provide quality services to our residents. We take pride in providing the highest quality of services and the budget reflects the commitment.

This past year has presented us many issues as a City that we have not been faced with before. The supply chain crisis resulted in delayed projects, and ability to get equipment. Despite these uncertainties in our economy, staff has worked hard, continuing to provide high-quality services to the community.

Several adjustments to department management have taken place. Two directors have retired, and a new Fire Chief has been hired.

Many new commercial businesses in the Harmons area include Tagg-N-Go Carwash, Mo'Bettahs, Swig, Buck's Ace Hardware, and Quench-It. This growth has brought a significant increase in sales tax revenue. Additionally, O'Reilly Auto Parts, Blvd Home Furnishings Mattress, Royal Thai and Harmons Pad "A" are under construction. Discussions are ongoing regarding parcels to the east and southwest of Harmons. Many new residential projects are underway, including Solace, The Pointe at Snow Canyon, and Black Desert Golf Course. We hope to see continued development for both residential and commercial in the coming year.

Fiscal year 2022 has reflected positive for the City. General Fund revenues increased for taxes, licenses and permits, charges for services, and fines. The City received $ 498,078 in ARPA (American Rescue Plan Act) funds. The use for these funds is undetermined at this time.

The budget for Fiscal Year 2023 has been prepared with a conservative approach. Although conservative, the budget addresses replacing aging equipment, new infrastructure and need for additional staff.



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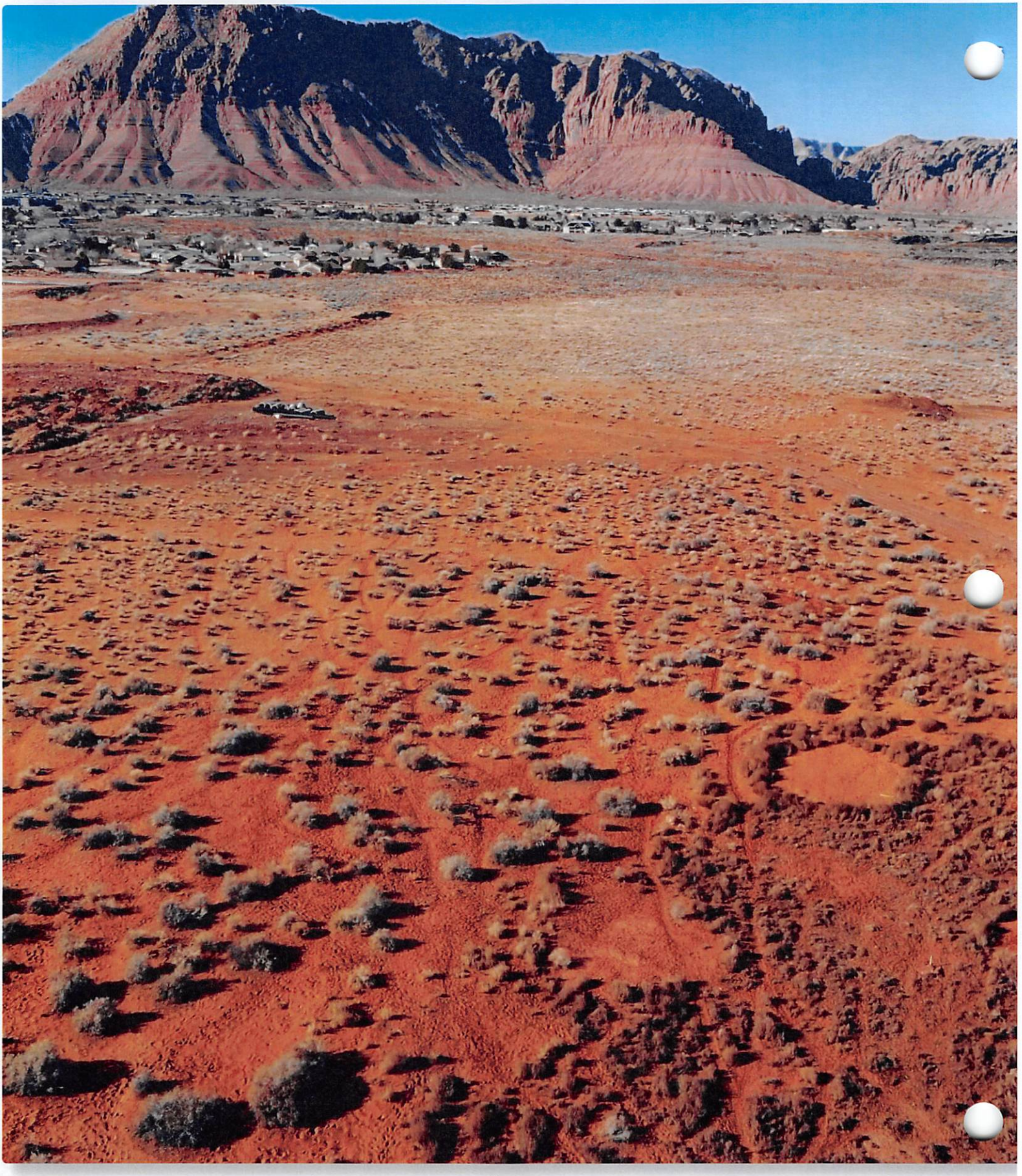
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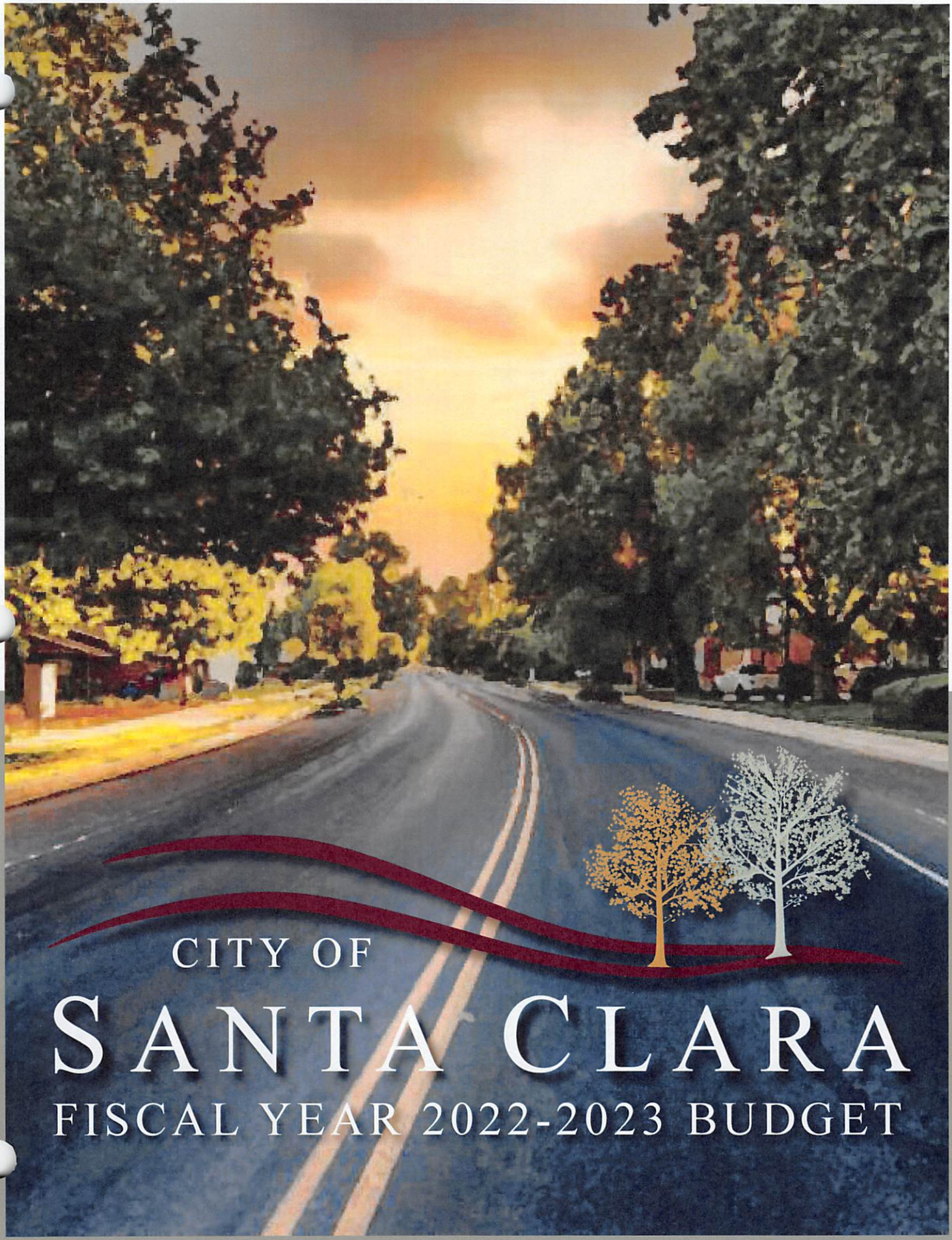
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CITY OF

SANTA CLARA

FISCAL YEAR 2022-2023 BUDGET

General Fund (Fund 10)

Summary of Revenues and Expenditures

	Acutal 6/30/2022	Budget 6/30/2023	Budget 6/30/2024	Variance	% Change
Beginning Fund Balance (Unreserved)					
Revenues					
Taxes	4,203,028	4,103,779	4,420,000	316,221	8%
Licenses & Permits	363,136	212,250	314,050	101,800	48%
Intergovernmental Revenue	1,873,620	2,235,808	2,064,100	(171,708)	-8%
Charges for Services	1,493,798	1,292,930	1,155,500	(137,430)	-11%
Fines & Forfeitures	295,220	225,000	290,000	65,000	29%
Miscellaneous Revenue	205,620	105,600	220,000	114,400	108%
Swiss Days & Pageant	48,031	31,250	40,100	8,850	28%
Other Revenue	245,550	825,575	754,420	(71,155)	-9%
Total Revenues	8,728,003	9,032,192	9,258,171	225,979	3%
Expenditures					
Justice Court	328,586	318,150	393,105	74,955	24%
Administrative	1,520,860	1,245,220	1,342,219	96,999	8%
Police	1,209,000	1,336,201	1,496,303	160,102	12%
Fire	2,174,617	2,368,212	2,853,223	485,011	20%
Buildings & Planning	574,764	710,845	724,051	13,206	2%
Public Works	1,387,409	1,059,765	935,079	(124,686)	-12%
Parks	1,191,293	1,832,786	1,136,905	(695,881)	-38%
Swiss Days	76,942	72,004	79,959	7,955	11%
Economic Development	60,469	89,009	93,896	4,887	5%
Fund Balance (+/-)	-	-	-	-	
Total Expenditures	8,523,942	9,032,192	9,054,740	22,548	0%
Net Resources or (Unreserved FB used)	204,061	-	203,431	203,431	
Ending Undesignated Fund Balance	2,702,068	2,702,068	2,905,499		
Ending Restricted Fund Balance	1,419,080	1,419,080	1,419,080		
Total Fund Balance	4,121,148	5,540,228	6,959,308		
		61%	75%	Fund Balance	
		30%	31%	Unrestricted	

GENERAL FUND - REVENUE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
GENERAL FUND REVENUE						
Taxes						
10.3110-000	CURRENT YEAR PROPERTY TAXES	984,295	1,084,779	1,074,731	1,084,779	1,200,000
10.3120-000	PRIOR YEAR PROPERTY TAXES	29,851	41,574	26,982	25,000	40,000
10.3121-000	FEE IN LIEU -PROPERTY TAXES	91,517	80,472	39,514	75,000	70,000
10.3130-000	SALES AND USE TAXES	1,524,970	1,713,497	1,358,109	1,750,000	1,800,000
10.3135-000	1/4 % HIGHWAY SALES & USE TAX	219,658	283,045	222,789	250,000	290,000
10.3136-000	LOCAL OPTION SALES TAX	130,042	148,868	117,849	140,000	150,000
10.3140-000	FRANCHISE TAXES - ELECTRIC	346,190	356,896	320,920	330,000	400,000
10.3150-000	FRANCHISE TAXES - CABLE	22,288	22,935	16,612	25,000	22,000
10.3165-000	FRANCHISE TAXES - GAS	98,692	104,315	104,939	101,000	100,000
10.3170-000	MUNICIPAL TELECOM LICENSE TAX	33,518	30,621	20,468	28,000	28,000
10.3174-000	RECREATION, ARTS & PARKS (RAP)	148,156	167,936	123,498	150,000	160,000
10.3175-000	TRANSIENT ROOM TAX	118,946	168,091	120,536	145,000	160,000
	Total Taxes	**3,748,124**	**4,203,028**	**3,546,946**	**4,103,779**	**4,420,000**
Licenses & Permits						
10.3210-000	BUSINESS LICENSES	7,415	8,055	12,640	7,000	7,500
10.3221-000	BUILDING PERMIT FEES	429,431	348,785	546,956	200,000	300,000
10.3222-000	BUILD PERMIT STATE SURCHARGE	3,518	2,804	4,943	2,500	3,000
10.3225-000	ANIMAL LICENSES	2,997	2,942	2,370	2,500	3,000
10.3226-000	SPECIAL EVENT PERMITS	250	550	750	250	550
	Total Licenses & Permits	**443,611**	**363,136**	**567,659**	**212,250**	**314,050**
Intergovernmental Revenue						
10.3310-000	STATE/FEDERAL	14,585	12,885	18,000	-	-
10.3315-000	WASHINGTON COUNTY GRANTS	50,000	260,000	-	330,000	-
10.3356-000	CLASS "C" ROAD FUND	399,950	408,865	257,582	395,000	404,400
10.3358-000	STATE LIQUOR FUND	5,889	6,935	8,970	7,000	7,300
10.3360-000	RISK MANAGEMENT GRANT/ULGT	2,390	2,390	2,462	2,500	2,400
10.3362-000	IVINS CITY - COURT REIMBURSE	40,424	32,608	39,410	178,164	50,000
10.3363-000	IVINS CITY - FIRE/EMS REIMBURS	612,649	1,149,937	811,851	1,323,144	1,600,000
	Total Intergovernmental Revenue	**1,125,887**	**1,873,620**	**1,138,276**	**2,235,808**	**2,064,100**
Charges for Services						
10.3412-000	ZONING & SUBDIVISION FEES	31,825	119,038	20,117	10,000	33,000
10.3413-000	CONSTRUCTION/MISC PERMITS	9,426	10,234	17,483	5,000	17,000
10.3422-000	WILDLAND FIRE	179,614	141,121	-	175,000	-
10.3424-000	PLAN REVIEW	13,660	25,119	29,303	15,000	30,000
10.3426-000	AMBULANCE SERVICE CHARGES	335,193	384,480	123,985	330,000	155,500
10.3428-000	UTILITY ADMINISTRATION FEE	24,450	22,950	17,550	20,000	26,000
10.3440-000	STREET MAINTENANCE	120,927	127,210	108,747	136,920	145,000
10.3443-000	REFUSE COLLECTION CHARGES	396,897	423,291	343,285	452,010	470,000
10.3444-000	REFUSE COLLECTION PENALTIES	4,389	3,730	4,231	3,000	5,000
10.3445-000	RECYCLING CHARGE	(3,238)	4,166	3,411	4,000	2,000
10.3460-000	AH GUBLER CONCES FOOD/NONFOOD	21,015	16,112	5,173	17,000	15,000
10.3462-000	AH GUBLER PARK TOURNAMENT REV	70,923	46,790	78,000	35,000	84,000
10.3463-000	GUBLER PARK LEAGUE REVENUE	-	40	1,020	-	-
10.3474-000	B ROCK & CANYONVIEW PK RESERVA	4,525	3,590	1,655	2,000	4,000
10.3475-000	HERITAGE SQUARE USE FEES	1,055	1,915	995	1,000	2,000
10.3477-000	PICKLEBALL COURT RESERVATION	1,433	-	40	-	-
10.3481-000	SALE OF CEMETERY BURIAL PLOTS	55,102	74,600	25,450	30,000	58,000
10.3482-000	PERPETUAL CARE	42,810	43,289	22,100	23,000	41,000
10.3483-000	INTERMENT FEE	11,000	10,100	9,950	9,000	13,000
10.3491-000	HCP ADMINISTRATIVE FEE	40,067	36,024	52,581	25,000	55,000
	Total Charges for Services	**1,361,072**	**1,493,798**	**865,076**	**1,292,930**	**1,155,500**

GENERAL FUND - REVENUE

Fines & Forfeitures						
10.3510-000	SMALL CLAIMS FILING FEE	-	-	-	-	-
10.3511-000	FINES AND PENALTIES	227,155	295,220	217,960	225,000	290,000
10.3520-000	RESTITUTION	-	-	-	-	-
	Total Fines & Forfeitures	**227,155**	**295,220**	**217,960**	**225,000**	**290,000**
Miscellaneous Revenue						
10.3600-000	MISCELLANEOUS REVENUE	63,467	50,301	41,929	25,000	62,000
10.3610-000	INTEREST EARNINGS	40,943	52,612	250,503	30,000	100,000
10.3639-000	RENT - ROSENLOF HOME	17,312	19,248	14,571	20,400	21,000
10.3619-000	VINEYARD DRIVE IMPROVEMENTS	-	-	9,856	-	6,000
10.3640-000	GAIN/LOSS SALE OF ASSETS	2,750	41,600	120,250	-	-
10.3641-000	LEASE PROCEEDS- CELL TOWER(S)	1,150	1,323	-	3,600	1,000
10.3642-000	CONTRIBUTIONS	-	-	-	-	-
10.3644-000	RENT	22,800	21,600	16,200	21,600	24,000
10.3647-000	BANQUET HALL RENTAL	2,600	6,340	5,250	5,000	6,000
10.3651-000	DONATIONS - GENERAL	-	12,156	1,925	-	-
10.3651-001	DONATIONS - FIRE	398	40	-	-	-
10.3651-002	DONATIONS - SC BEAUTIFICATION	-	400	-	-	-
10.3651-007	DONATIONS - VETERANS MEMORIAL	725	-	-	-	-
10.3651-008	DONATIONS - SWISS MEMORIAL	-	-	-	-	-
10.3652-000	DEBT PROCEEDS	2,232,000	-	-	-	-
	Total Miscellaneous Revenue	**2,384,144**	**205,620**	**460,483**	**105,600**	**220,000**
Swiss Days Function						
10.3780-001	SWISS DAYS 5K RUN/WALK	8	10,688	10,352	8,000	10,500
10.3780-002	SWISS DAYS BREAKFAST	-	2,601	2,848	2,500	2,700
10.3780-003	SWISS DAYS VENDOR BOOTH	20	12,485	6,141	9,000	9,300
10.3780-004	SWISS DAYS KID'S BOOTH	-	797	783	750	800
10.3780-005	SWISS DAYS BANNERS	-	300	-	-	200
10.3780-007	SWISS DAY SUNDRY REVENUES	-	305	200	-	300
10.3780-008	ADVERTISING	-	-	-	-	-
10.3780-010	INTEREST EARNINGS	-	-	-	-	-
10.3780-012	SWISS DAYS DINNER	-	320	2,771	1,000	1,500
10.3780-013	SPONSOR & AD	15,410	20,535	9,040	10,000	14,800
10.3785-000	SWISS DAYS RESERVES	-	-	-	-	-
	Total Swiss Days Function	**15,438**	**48,031**	**32,135**	**31,250**	**40,100**
Transfers						
10.3801-000	BANK CLEARING	5,405	-	-	-	-
10.3850-000	PUBLIC SERVICES SHOP-STORM WAT	26,509	25,694	22,079	22,079	29,731
10.3855-000	PUBLIC SERVICES SHOP- ELECT FD	67,146	62,256	77,136	77,136	94,508
10.3860-000	PUBLIC SERVICES SHOP-WATER FND	106,521	101,631	75,882	75,882	91,558
10.3865-000	PUBLIC SERVICES SHOP-SEWER FND	58,414	55,969	36,737	36,737	44,042
10.3881-000	TRANSFER FROM OTHER FUNDS	130,000	-	-	-	-
10.3890-000	BEG GF BALANCE TO BE APPROPRAT	-	-	-	613,741	494,581
10.3910-000	MISS SANTA CLARA PAG REVENUE	-	-	-	-	-
	Total Other Revenue	**393,995**	**245,550**	**211,834**	**825,575**	**754,420**
	Total	**9,699,425**	**8,728,002**	**7,040,370**	**9,032,192**	**9,258,170**

GENERAL FUND - JUSTICE COURT

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Justice Court						
10.4120-110	SALARIES & WAGES	112,744	114,616	93,693	117,131	141,536
10.4120-125	OVERTIME	732	362	2,705	0	0
10.4120-131	FICA	8,447	8,467	7,109	8,961	10,827
10.4120-132	RETIREMENT	14,002	15,025	13,138	15,370	26,041
10.4120-133	INSURANCE	35,541	39,030	34,241	41,918	61,221
10.4120-210	SUBSCRIPTIONS & MEMBERSHIPS	706	1,689	837	750	1,000
10.4120-230	TRAVEL	0	89	0	500	500
10.4120-240	OFFICE SUPPLIES	2,099	1,278	2,972	3,500	3,000
10.4120-281	DATA CARD	480	520	280	520	480
10.4120-330	LEGAL SERVICES	30,066	21,807	34,222	27,500	37,000
10.4120-360	TRAINING	0	0	1,049	1,500	500
10.4120-370	PROFESSIONAL SERVICES	500	0	0	500	0
10.4120-740	CAPITAL EQUIPMENT	0	3,558	0	0	0
10.4120-905	STATE FINE COLLECTIONS	87,925	122,145	72,010	100,000	111,000
	Total Justice Court	**293,243**	**328,586**	**262,256**	**318,150**	**393,105**

GENERAL FUND - STORM WATER FUND EXPENDITURES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Administration						
10.4130-110	SALARIES & WAGES	121,033	148,445	122,726	153,830	152,659
10.4130-125	OVERTIME	799	1,068	2,624	0	0
10.4130-131	FICA	8,973	11,101	9,360	11,768	11,678
10.4130-132	RETIREMENT	19,554	24,235	21,877	24,123	27,282
10.4130-133	INSURANCE	20,975	34,619	30,890	22,924	33,777
10.4130-210	SUBSCRIPTIONS & MEMBERSHIPS	11,003	7,942	9,232	8,600	12,000
10.4130-220	PUBLIC NOTICES	691	160	0	1,000	430
10.4130-230	TRAVEL	124	11,247	10,638	10,500	10,000
10.4130-235	ELECTIONS	0	10,344	0	0	10,500
10.4130-240	OFFICE SUPPLIES	14,688	11,582	9,980	15,000	14,000
10.4130-245	POSTAGE	3,923	3,126	3,495	6,000	4,000
10.4130-246	UNIFORMS	202	0	1,383	2,500	1,500
10.4130-250	OPERATING SUPPLIES	629	1,929	3,227	0	1,000
10.4130-253	REPAIRS & MAINTENANCE	0	0	349	0	0
10.4130-260	BUILDING MAINTENANCE	695	358	1,137	0	1,000
10.4130-270	UTILITIES	0	1,364	0	0	0
10.4130-280	TELEPHONE	15,156	14,861	8,281	15,500	15,000
10.4130-281	CELL PHONES	3,819	3,200	3,827	3,800	5,000
10.4130-282	RENTALS	280	79	851	0	610
10.4130-310	IT SERVICES	133,942	152,350	135,605	125,255	173,000
10.4130-311	SOLID WASTE DISPOSAL CONTRACT	393,111	390,659	317,582	408,090	443,000
10.4130-325	CREDIT/DEBIT CARD FEES	4,283	2,204	3,052	3,500	4,000
10.4130-330	LEGAL SERVICES	60,330	62,531	62,574	35,000	77,000
10.4130-340	ACCOUNTING & AUDITING SERVICES	2,350	10,150	4,536	7,000	7,000
10.4130-360	TRAINING	3,720	9,325	4,028	10,500	7,000
10.4130-370	PROFESSIONAL SERVICES	78,064	40,125	38,734	38,320	62,000
10.4130-371	CODE CODIFICATION	2,498	172	0	1,500	1,000
10.4130-510	INSURANCE AND SURETY BONDS	10,098	16,187	17,797	16,000	19,000
10.4130-520	BAD DEBT	435	15	70	1,000	220
10.4130-542	CEC ANNUAL ASSESSMENT	8,083	8,100	8,505	8,300	8,600
10.4130-543	VOLUNTEER RECOGNITION DINNER	0	0	0	2,500	0
10.4130-730	IMPROVEMENTS	0	3,775	0	0	0
10.4130-740	CAPITAL EQUIPMENT	21,462	13,813	11,303	26,500	20,000
10.4130-810	PRINCIPAL ON BONDS	2,378,000	128,000	0	186,000	125,893
10.4130-820	INTEREST ON BONDS	58,976	77,978	0	70,010	70,470
10.4130-825	LEASE PAYMENTS	1,737	79	0	5,200	4,600
10.4130-830	FISCAL AGENT FEES	29,000	2,000	0	5,000	0
10.4130-997	TRANSFER TO CAPITAL PROJECTS	500,000	300,000	0	0	0
10.4130-999	CONTINGENCY	11,469	17,738	16,262	20,000	19,000
	Total Administration	**3,919,975**	**1,520,860**	**859,958**	**1,245,220**	**1,342,219**

GENERAL FUND - POLICE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Police						
10.4220-251	FUEL	16,322	22,488	518	15,000	13,000
10.4220-450	POLICE - SCI	1,160,018	1,149,186	1,029,001	1,280,201	1,444,303
10.4220-980	SRO - ST. GEORGE	39,972	37,326	25,037	41,000	39,000
	Total Police	**1,216,451**	**1,209,000**	**1,054,556**	**1,336,201**	**1,496,303**

GENERAL FUND - FIRE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Fire						
10.4230-110	SALARIES & WAGES	617,472	796,205	1,073,859	1,291,632	1,497,288
10.4230-115	FLSA	0	0	18,463	0	36,002
10.4230-125	OVERTIME	44,756	8,577	86,865	0	114,182
10.4230-131	FICA	57,746	67,750	88,300	99,209	123,277
10.4230-132	RETIREMENT	69,614	88,819	128,007	142,942	201,531
10.4230-133	INSURANCE	143,001	175,801	281,882	328,079	362,173
10.4230-210	SUBSCRIPTIONS & MEMBERSHIPS	4,221	4,094	5,247	12,100	22,179
10.4230-230	TRAVEL	282	0	307	0	0
10.4230-240	OFFICE SUPPLIES	4,407	5,736	4,201	6,500	0
10.4230-246	UNIFORMS	8,191	27,444	32,953	12,000	17,500
10.4230-250	OPERATING SUPPLIES	44,607	69,429	60,416	42,000	120,100
10.4230-251	FUEL	14,093	20,972	27,632	17,000	0
10.4230-252	WILDLAND FIRE FUEL	2,827	5,350	0	0	0
10.4230-253	REPAIRS & MAINTENANCE	31,039	25,107	31,168	25,000	32,800
10.4230-254	WILDLAND VEH/EQUIP REPAIR	26,350	4,280	0	0	88,300
10.4230-255	FIRE PREVENTION	623	10,708	381	0	8,300
10.4230-260	BUILDING MAINTENANCE	19,464	21,542	18,095	15,000	42,120
10.4230-270	UTILITIES	6,855	11,457	10,998	8,500	0
10.4230-280	TELEPHONE	0	1,045	0	1,000	0
10.4230-281	CELL PHONES	7,615	7,265	4,146	9,000	0
10.4230-330	LEGAL SERVICES	90	165	968	750	0
10.4230-350	MEDICAL & DRUG TESTING	880	639	371	1,250	15,070
10.4230-360	TRAINING	6,616	12,267	7,003	15,000	16,400
10.4230-370	PROFESSIONAL SERVICES	215,647	69,078	47,946	53,250	0
10.4230-450	EMS REV SHARE W/IVINS	0	192,239	0	157,500	0
10.4230-453	WILDLAND FIRE EXP'S	8,926	7,293	0	0	0
10.4230-454	SAFETY EQUIPMENT	9,742	9,735	36,530	26,000	29,300
10.4230-675	VOLUNTEER PROGRAMS	4,083	955	0	1,500	2,500
10.4230-720	LAND/BUILDINGS	0	0	1,441	0	0
10.4230-730	IMPROVEMENTS	(20)	10,992	1,728	5,000	0
10.4230-740	CAPITAL EQUIPMENT	0	386,863	51,380	55,000	78,251
10.4230-825	LEASE PAYMENTS	74,319	33,968	0	34,000	0
10.4230-985	COUNTY DISPATCH	8,855	7,704	9,261	9,000	45,950
	Total Fire	**1,432,301**	**2,174,617**	**2,029,551**	**2,368,212**	**2,853,223**

GENERAL FUND - BUILDINGS / PLANNING

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Buildings & Planning						
10.4240-110	SALARIES & WAGES	179,499	250,766	204,947	248,222	288,727
10.4240-125	OVERTIME	2,167	4,948	4,985	4,870	5,743
10.4240-131	FICA	13,345	19,151	15,690	19,362	22,527
10.4240-132	RETIREMENT	30,050	46,474	37,352	43,937	51,200
10.4240-133	INSURANCE	35,755	48,878	45,693	59,579	56,579
10.4240-210	SUBSCRIPTIONS & MEMBERSHIPS	1,838	1,855	725	2,500	2,000
10.4240-220	PUBLIC NOTICES	551	0	295	2,000	1,000
10.4240-230	TRAVEL	0	3,629	1,336	3,600	3,600
10.4240-240	OFFICE SUPPLIES	7,540	4,707	1,189	6,875	4,875
10.4240-245	POSTAGE	77	0	0	250	250
10.4240-246	UNIFORMS	499	183	340	2,000	2,000
10.4240-248	BUILDING MAINTENANCE SUPPLIES	0	0	0	0	45,000
10.4240-250	OPERATING SUPPLIES	4,223	1,753	2,976	5,000	0
10.4240-251	FUEL	2,318	2,684	3,240	4,500	4,500
10.4240-253	REPAIRS & MAINTENANCE	1,126	3,030	228	6,400	4,400
10.4240-260	BUILDING MAINTENANCE	46,510	44,168	14,703	35,000	0
10.4240-270	BUILDING UTILITIES	24,031	33,931	25,762	39,200	39,200
10.4240-281	CELL PHONES	4,208	4,702	1,877	5,200	5,200
10.4240-320	ENGINEERING	1,500	2,322	1,835	24,000	24,000
10.4240-330	LEGAL SERVICES	45,658	54,850	42,665	58,000	40,000
10.4240-350	MEDICAL & DRUG TESTING	0	79	70	0	250
10.4240-360	TRAINING	4,266	4,147	2,272	10,500	10,500
10.4240-370	PROFESSIONAL SERVICES	49,557	39,715	17,495	10,000	10,000
10.4240-380	CORRECTION OF CODE VIOLATIONS	0	0	0	0	0
10.4240-720	LAND/BUILDINGS	0	0	0	0	0
10.4240-730	IMPROVEMENTS	(11,700)	0	5,891	71,200	90,000
10.4240-740	CAPITAL EQUIPMENT	0	0	0	46,150	10,000
10.4240-940	INTERGOVT CHARGES (ST SURCHG)	3,436	2,790	4,366	2,500	2,500
	Total Buildings & Planning	**446,454**	**574,764**	**435,933**	**710,845**	**724,051**

GENERAL FUND - PUBLIC WORKS

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Public Works						
10.4410-110	SALARIES & WAGES	108,407	120,003	118,258	156,083	156,716
10.4410-125	OVERTIME	482	573	4,668	1,836	1,853
10.4410-131	FICA	8,080	9,093	9,257	12,081	12,131
10.4410-132	RETIREMENT	20,106	21,947	21,635	28,881	27,556
10.4410-133	INSURANCE	24,799	29,521	31,204	43,184	36,452
10.4410-210	SUBSCRIPTIONS & MEMBERSHIPS	32	91	1,235	100	1,300
10.4410-220	PUBLIC NOTICES	202	0	0	500	500
10.4410-230	TRAVEL	0	0	0	1,000	1,000
10.4410-240	OFFICE SUPPLIES	1,300	236	554	500	500
10.4410-246	UNIFORMS	1,120	1,403	3,176	2,500	3,000
10.4410-250	OPERATING SUPPLIES	1,081	2,491	5,015	3,000	5,000
10.4410-251	FUEL	8,489	13,160	12,451	10,000	15,000
10.4410-253	REPAIRS & MAINTENANCE	14,137	20,588	14,462	30,000	30,000
10.4410-260	BUILDING MAINTENANCE	12,275	16,169	12,961	15,000	15,000
10.4410-263	STREET LIGHT REPAIRS	0	0	32,833	25,000	0
10.4410-270	UTILITIES	4,365	6,672	5,038	6,500	6,500
10.4410-310	IT SERVICES	32	663	449	1,000	1,000
10.4410-311	MPO ANNUAL ASSESSMENT	5,000	5,000	5,500	5,500	5,500
10.4410-320	ENGINEERING SERVICES	8,391	17,236	19,114	25,000	25,000
10.4410-325	PUBLIC TRANSPORTATION	0	0	0	25,000	25,000
10.4410-330	LEGAL SERVICES	0	563	0	1,000	1,000
10.4410-350	MEDICAL & DRUG TESTING	606	921	454	1,000	1,000
10.4410-360	TRAINING	290	95	60	1,000	5,000
10.4410-370	PROFESSIONAL SERVICES	0	2,232	5,413	8,000	8,000
10.4410-410	CRACK SEALING M&S	53,921	35,866	49,619	50,000	50,000
10.4410-411	SIGNS & BARRICADES	3,325	3,825	4,762	9,000	9,000
10.4410-412	CHIP SEALING M&S	262,571	548,982	166,289	400,000	400,000
10.4410-413	SIDEWALK/CURB/GUTTER M&S	7,845	10,814	4,015	10,000	20,000
10.4410-414	ROAD MATERIAL & SUPPLIES	25,564	50,634	15,614	30,000	30,000
10.4410-510	INSURANCE & SURETY BONDS	0	21	136	100	200
10.4410-720	LAND/BUILDINGS	350	0	0	0	0
10.4410-730	IMPROVEMENTS	18,988	62,228	43,883	0	0
10.4410-740	CAPITAL EQUIPMENT	0	185,711	117,612	92,000	8,500
10.4410-810	PRINCIPAL ON BONDS	50,000	185,000	134,000	50,000	0
10.4410-820	INTEREST ON BONDS	0	33,896	34,151	0	33,371
10.4410-825	LEASE PAYMENTS	0	1,777	0	15,000	0
	Total Public Works	**641,757**	**1,387,409**	**873,820**	**1,059,765**	**935,079**

GENERAL FUND - STORM WATER FUND EXPENDITURES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Parks						
10.4510-110	SALARIES & WAGES	387,020	427,472	322,759	456,928	459,702
10.4510-125	OVERTIME	7,463	14,789	18,099	9,585	12,399
10.4510-131	FICA	29,719	33,450	25,792	35,688	36,116
10.4510-132	RETIREMENT	64,155	76,735	57,051	82,376	77,147
10.4510-133	INSURANCE	89,708	96,659	91,553	126,523	114,541
10.4510-210	SUBSCRIPTIONS & MEMBERSHIPS	630	1,100	1,647	800	1,650
10.4510-220	PUBLIC NOTICES	68	0	102	0	0
10.4510-230	TRAVEL	326	555	1,308	1,100	2,000
10.4510-240	OFFICE SUPPLIES	3,044	4,035	3,412	3,800	3,800
10.4510-246	UNIFORMS	2,743	5,495	4,214	6,650	6,750
10.4510-250	OPERATING SUPPLIES	18,107	20,166	10,197	15,100	15,000
10.4510-251	FUEL	12,864	20,667	19,291	9,000	19,000
10.4510-253	REPAIRS & MAINTENANCE	13,252	20,947	6,564	13,000	13,000
10.4510-256	TOURNAMENT EXPENSES	10,662	18,057	11,915	10,500	15,000
10.4510-260	BUILDING MAINTENANCE	34,301	55,032	38,740	37,000	45,000
10.4510-270	UTILITIES	53,290	99,744	60,232	60,000	80,000
10.4510-281	CELL PHONES	4,060	4,413	2,862	4,000	4,200
10.4510-320	ENGINEERING SERVICES	226	2,673	6,618	30,000	30,000
10.4510-330	LEGAL SERVICES	210	113	0	500	0
10.4510-350	MEDICAL & DRUG TESTING	216	280	120	300	200
10.4510-360	TRAINING	8	1,172	3,107	2,600	3,600
10.4510-370	PROFESSIONAL SERVICES	726	2,091	1,309	0	5,000
10.4510-372	SAND HOLLOW ACQ CENT AGREEMENT	23,573	24,794	23,561	32,000	32,000
10.4510-381	SANTA CLARA ARBORETUM	0	609	194	1,000	1,000
10.4510-480	PLANTS & FERTILIZERS	12,816	11,540	4,360	16,800	16,800
10.4510-481	IRRIGATION	11,103	22,584	5,619	11,000	11,000
10.4510-483	CEMETERY O&M	1,728	699	766	2,000	2,000
10.4510-484	TRAILS O&M	355	0	826	7,000	7,000
10.4510-485	HERITAGE SQUARE O&M	1,685	216	230	4,000	4,000
10.4510-488	TREE MAINTENANCE	2,540	9,145	66	15,000	15,000
10.4510-510	INSURANCE AND SURETY BONDS	0	44	189	0	0
10.4510-720	LAND/BUILDINGS	25,000	0	0	0	0
10.4510-730	IMPROVEMENTS	122,563	92,824	15,458	691,566	0
10.4510-740	CAPITAL EQUIPMENT	44,692	113,517	119,414	136,970	104,000
10.4510-825	LEASE PAYMENTS	9,289	9,675	11,324	10,000	0
	Total Parks	**988,140**	**1,191,293**	**868,901**	**1,832,786**	**1,136,905**

GENERAL FUND - SWISS DAYS

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Swiss Days						
10.4610-110	SALARIES & WAGES	0	5,885	6,924	9,001	9,361
10.4610-131	FICA	0	460	538	703	723
10.4610-001	5K RUN/WALK	0	7,511	5,385	7,500	7,500
10.4610-002	BREAKFAST	0	3,734	4,319	3,000	4,500
10.4610-003	VENDOR'S BOOTHS	0	0	1,450	0	0
10.4610-004	KID'S BOOTHS	0	1,284	1,451	1,200	1,500
10.4610-005	BANNERS-SPONSORS	3,090	5,169	6,383	2,000	1,400
10.4610-006	TRANSPORTATION	0	2,057	3,246	2,000	3,450
10.4610-007	SUPPLIES & POSTAGE	0	16	1,038	250	1,000
10.4610-008	ADVERTISING/MARKETING	905	2,924	4,476	3,000	4,500
10.4610-009	LITTLE SWISS MISS & MR PAGEANT	0	92	108	150	125
10.4610-010	DINNER	215	4,341	4,591	4,000	4,600
10.4610-011	MISCELLANEOUS	0	3,420	295	0	0
10.4610-012	HANDS ON	0	86	31	200	50
10.4610-013	ENTERTAINMENT	3,500	11,923	8,099	12,000	12,000
10.4610-015	PARADE	0	3,009	7,314	3,000	3,500
10.4610-016	RENTALS	0	17,938	18,018	18,000	18,250
10.4610-019	FIREWORKS EXPENSE	20,000	0	0	0	0
10.4610-022	GOLF TOURNAMENT	70	2,621	3,861	2,500	3,500
10.4610-023	MISS SANTA CLARA PAGEANT	2,340	4,471	5,971	3,500	4,000
	Swiss Days Total	**30,120**	**76,942**	**83,497**	**72,004**	**79,959**

GENERAL FUND - ECONOMIC DEVELOPMENT

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
Economic Development						
10.4652-110	SALARIES & WAGES	0	13,866	18,495	20,800	25,510
10.4652-125	OVERTIME	0	0	0	450	552
10.4652-131	FICA	0	1,044	1,394	1,626	1,994
10.4652-132	RETIREMENT	0	2,430	3,324	3,738	4,584
10.4652-133	INSURANCE	0	2,847	4,321	5,395	5,256
10.4652-210	BOOKS, SUBSCRIPT & MEMBERSHIPS	5,000	32	0	7,500	5,000
10.4652-230	TRAVEL	0	0	0	0	0
10.4652-240	OFFICE SUPPLIES	0	135	0	250	0
10.4652-360	TRAINING	260	992	750	1,000	1,000
10.4652-370	OTHER PROF SERV	0	564	0	750	0
10.4652-416	RAP TAX	16,811	30,096	14,500	30,000	30,000
10.4652-417	DONATIONS	1,200	1,200	1,000	5,000	5,000
10.4652-501	YOUTH CITY COUNCIL	0	0	0	5,000	5,000
10.4652-601	GENERAL PROMOTION/ADVERTISING	1,465	7,262	44,891	7,500	10,000
10.4652-602	BANNERS/FLAGS	416	0	0	0	0
	Total Economic Development	**25,153**	**60,469**	**88,674**	**89,009**	**93,896**
	TOTAL GENEREAL FUND EXP	**8,993,595**	**8,523,941**	**6,557,147**	**9,032,192**	**10,138,756**

GENERAL FUND - SPECIAL REVENUE FUND

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
SPECIAL REVENUE FUND						
42.3341-000	CARES ACT REVENUE	(688,425)	0	0	0	
42.4100-110	CARES ACT PAYROLL EXPENSES	103,427	0	0	0	
42.4100-250	CARES ACT EXPENSES	584,998	0	0	0	
42.3342-000	ARPA REVENUE	0	(54,900)	(498,079)	(498,079)	
42.4200-740	ARPA CAPITAL EQUIPMENT	0	54,900	108,442	498,079	
	TOTAL SPECIAL REVENUE FUND	**0**	**0**	**(380,968)**	**0**	**0**

GENERAL FUND - IMPACT FEES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
IMPACT FEES REVENUE FUND						
48.3912-000	STREETS IMPACT FEES	636,237	423,345	449,611	377,600	207,680
48.3922-000	STREETS IMPACT - INTEREST	1,685	4,339	32,749	2,000	15,000
48.3914-000	PARKS & TRAILS IMPACT FEES	480,043	317,568	365,575	290,600	159,830
48.3924-000	PARKS & TRAILS IMPACT-INTEREST	1,851	2,500	13,188	2,000	7,500
48.3915-000	PUBLIC SAFETY IMPACT FEES	193,752	137,365	217,867	123,000	67,650
48.3925-000	PUBLIC SAFETY IMPACT-INTEREST	2,355	2,783	18,102	1,500	10,000
	TOTAL IMPACT FEES REVENUE FUND	**1,315,924**	**887,899**	**1,097,092**	**796,700**	**467,660**
GENERAL IMPACT FEES CIP FUND						
48.4100-730	IMPROV OTHER THAN BUILDINGS	0	1,513	0	50,000	0
48.4100-810	PRINCIPAL ON BONDS	0	88,109	0	130,000	136,000
48.4100-820	INTEREST ON BONDS	52,500	27	0	33,689	33,371
48.4100-940	TRANSFER TO STREETS PTIF	0	0	0	165,911	0
48.4200-320	ENGINEERING SERVICES	0	545	0	100,000	45,000
48.4200-730	IMPROV OTHER THAN BUILDINGS	290,593	124,880	0	100,000	0
48.4200-810	PRINCIPAL ON BONDS	0	30,000	0	25,000	25,107
48.4200-940	TRANSFER TO PTIF ACCT	0	0	0	67,600	0
48.4300-720	LAND/BUILDINGS	102,270	17,001	0	0	0
48.4300-730	IMPROV OTHER THAN BUILDINGS	1,038	0	0	0	0
48.4300-810	PRINCIPAL ON BONDS	0	20,000	0	0	75,000
48.4300-940	TRANS TO PUBLIC SAFE IMP PTIF	0	0	0	124,500	0
	TOTAL GENERAL IMPACT FEES CIP FUND	**450,041**	**184,075**	**0**	**796,700**	**314,478**

ENTERPRISE FUND - WATER FUND REVENUE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
WATER FUND REVENUE						
51.3711-000	METERED WATER SALES	2,042,153	1,939,493	1,359,174	2,052,186	2,133,000
51.3712-000	SNOW CANYON WELL NO. 6	-	-	-	15,000	-
51.3713-000	HYDRANT METER USE	14,720	25,369	15,352	7,000	20,000
51.3714-000	REGIONAL WATER SURCHARGE	1,399	(382)	(1,710)	2,500	2,500
51.3721-000	INTEREST EARNINGS	3,507	2,499	599	4,000	3,500
51.3722-000	PENALTIES	17,721	14,284	14,128	16,000	17,000
51.3723-000	CONNECTION FEES	44,637	35,973	38,608	32,700	17,985
51.3724-000	GAIN/LOSS DISPOSAL OF ASSETS	-	-	-	-	-
51.3725-000	MISCELLANEOUS	45,504	66,594	22,614	-	-
51.3727-000	SECONDARY WATER CONNECTION FEE	10,301	21,597	6,529	15,000	10,000
51.3729-000	WATER IMPACT FEES	312,624	231,624	246,981	197,300	108,515
51.3731-000	WATER IMPACT INTEREST	7,567	1,657	13,550	7,500	7,500
51.3781-000	FUND BALANCE TO BE APPROPRIATE	-	-	-	285,341	-
	TOTAL WATER FUND REVENUE	**2,500,135**	**2,699,027**	**1,715,824**	**2,634,527**	**2,320,000**
					TOTAL WATER FUND EXPENSES	**3,036,998**
					TOTAL WATER FUND DEFICIT	**(716,998)**

GENERAL FUND - WATER FUND EXPENDITURES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
WATER FUND						
51.5110-110	SALARIES & WAGES	392,871	425,747	356,392	458,379	477,638
51.5110-125	OVERTIME	1,771	3,677	11,164	3,615	3,839
51.5110-131	FICA	29,715	32,177	27,693	35,342	36,833
51.5110-132	RETIREMENT	29,450	(2,578)	65,040	81,089	85,562
51.5110-133	INSURANCE	89,689	103,382	89,571	110,981	109,854
51.5110-210	SUBSCRIPTIONS & MEMBERSHIPS	1,356	750	1,268	2,700	2,700
51.5110-220	PUBLIC NOTICES	80	0	0	200	200
51.5110-230	TRAVEL	0	0	0	1,000	1,000
51.5110-240	OFFICE SUPPLIES	973	220	187	750	750
51.5110-246	UNIFORMS	1,623	1,626	1,912	2,500	3,000
51.5110-250	OPERATING SUPPLIES	1,570	1,960	2,262	4,000	5,000
51.5110-251	FUEL	8,488	13,158	12,427	9,000	17,500
51.5110-253	REPAIRS & MAINTENANCE	3,780	810	270	7,000	7,000
51.5110-260	BUILDING MAINTENANCE	2,853	0	0	1,000	1,000
51.5110-270	UTILITIES	2,494	5,117	4,913	6,400	6,000
51.5110-271	WELLS UTILITY COSTS	123,981	140,889	113,934	190,000	150,000
51.5110-275	SNOW CANYON OP COST - ST GEORG	155,039	387,354	242,545	350,000	325,000
51.5110-276	O & M - WELLS 6 & 7	193,515	(151,582)	36,473	60,000	60,000
51.5110-277	WASHINGTON CO CONS DIST WATER	0	(4,670)	0	0	0
51.5110-280	TELEPHONE	0	0	0	0	0
51.5110-281	CELL PHONES	4,966	4,646	3,121	5,000	5,000
51.5110-310	IT SERVICES	0	3,848	8,710	500	500
51.5110-320	ENGINEERING SERVICES	3,511	7,738	55,821	70,000	60,000
51.5110-325	CREDIT/DEBIT CARD FEES	15,882	17,440	14,015	14,000	14,000
51.5110-330	LEGAL SERVICES	480	9,180	2,273	3,000	3,000
51.5110-340	ACCOUNTING & AUDITING SERVICES	17,550	6,775	11,250	10,000	10,000
51.5110-350	MEDICAL & DRUG TESTING	0	0	0	200	200
51.5110-360	TRAINING	2,260	3,035	4,856	4,000	5,000
51.5110-370	PROFESSIONAL SERVICES	0	0	0	4,000	24,000
51.5110-411	SIGNS & BARRICADES	451	121	0	1,000	1,000
51.5110-414	ROAD MATERIAL & SUPPLIES	2,983	2,283	2,295	4,000	4,000
51.5110-460	WATERLINES AND ASSOCIATED PART	54,522	18,184	22,404	25,000	35,000
51.5110-461	WATER METERS	0	17,429	51,864	30,000	50,000
51.5110-469	SCADA MATERIALS & SUPPLIES	0	2,100	0	10,000	10,000
51.5110-505	WATER RIGHTS PURCHASES	0	0	0	0	0
51.5110-510	INSURANCE AND SURETY BONDS	21,355	23,088	25,000	25,000	25,000
51.5110-520	BAD DEBT	3,850	140	378	1,000	1,000
51.5110-590	DEPRECIATION	491,939	502,867	0	0	0
51.5110-591	AMORTIZATION	0	0	0	0	0
51.5110-720	LAND & BUILDINGS	0	0	0	0	0
51.5110-730	IMPROVEMENTS	0	6,082	233,915	525,000	853,000
51.5110-740	CAPITAL EQUIPMENT	371	885	89,669	51,000	8,500
51.5110-750	LAND EASEMENTS & RIGHT OF WAYS	1,088	1,088	1,230	2,000	2,000
51.5110-751	SECONDARY WATER SHARES	3,805	13,837	0	12,500	112,500
51.5110-810	PRINCIPAL ON BONDS	0	0	0	302,000	282,000
51.5110-820	INTEREST ON BONDS	82,649	80,163	0	66,179	60,865
51.5110-822	DEBT PAYMENT TO WATER DISTRICT	54,306	54,143	45,095	55,000	55,000
51.5110-825	LEASE PAYMENTS	8,884	1,777	0	15,000	0
51.5110-830	FISCAL AGENT FEES	6,750	8,500	5,400	6,000	6,000
51.5110-840	BOND AMORTIZATION EXPENSE	0	0	0	0	0
51.5110-910	TRANSFER TO GENERAL FUND	100,000	98,000	0	0	25,000
51.5110-918	TRANSFER TO PUBLIC SERV SHOPS	106,521	101,631	75,882	69,192	91,558
51.5110-950	WCWCD SURCHARGE	0	0	0	0	0
51.5110-955	TRANSFER TO WATER IMPACT FUND	0	0	0	0	0
51.5110-976	TRANSFER TO FUND BALANCE	0	0	0	0	0
	TOTAL WATER FUND	**2,023,372**	**1,943,016**	**1,619,228**	**2,634,527**	**3,036,998**

ENTERPRISE FUND - SEWER FUND REVENUE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
SEWER FUND REVENUE						
52.3720-000	SEWER FEES	808,709	836,580	681,394	856,440	812,495
52.3722-000	PENALTIES	10,535	9,353	10,156	6,000	10,000
52.3724-000	GAIN/LOSS DISPOSAL FIXED ASSET	-	-	-	-	-
52.3725-000	MISCELLANEOUS	60,361	58,566	46,780	60,000	59,000
52.3729-000	SEWER IMPACT FEES	56,058	39,662	77,511	67,900	37,000
52.3731-000	SEWER IMPACT INTEREST	823	1,013	6,514	1,500	4,000
52.3781-000	APPROPRIATED FUND BALANCE	-	-	-	-	-
	TOTAL SEWER FUND REVENUE	**936,485**	**945,175**	**822,355**	**991,840**	**922,495**
					TOTAL SEWER FUND EXPENSES	**961,780**
					TOTAL SEWER FUND DEFICIT	**(39,286)**

GENERAL FUND - SEWER FUND EXPENDITURES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
SEWER FUND						
52.5210-110	SALARIES & WAGES	107,371	123,672	109,092	105,784	150,828
52.5210-125	OVERTIME	515	719	3,928	884	1,300
52.5210-131	FICA	8,075	9,394	8,482	8,160	11,638
52.5210-132	RETIREMENT	6,079	(787)	19,629	18,129	26,657
52.5210-133	INSURANCE	24,499	31,255	27,910	24,112	34,581
52.5210-240	OFFICE SUPPLIES	0	0	93	500	500
52.5210-246	UNIFORMS	439	1,983	190	2,500	3,000
52.5210-250	OPERATING SUPPLIES	1,183	1,104	834	2,500	2,500
52.5210-251	FUEL	3,005	1,565	3,985	2,500	3,500
52.5210-253	REPAIRS & MAINTENANCE	10,384	7,591	7,761	20,000	20,000
52.5210-260	BUILDING MAINTENANCE	0	0	0	2,700	2,700
52.5210-270	UTILITIES	0	0	0	1,000	1,000
52.5210-320	ENGINEERING SERVICES	10,460	3,726	1,610	25,000	20,000
52.5210-325	CREDIT/DEBIT CARD FEES	5,672	6,743	4,543	5,000	5,000
52.5210-330	LEGAL SERVICES	0	113	0	500	500
52.5210-340	ACCOUNTING & AUDITING SERVICES	0	2,900	5,930	6,000	7,000
52.5210-360	TRAINING	50	50	3,090	1,800	5,000
52.5210-370	PROFESSIONAL SERVICES	0	41,989	29,960	30,000	30,000
52.5210-464	SEWER MATERIALS & SUPPLIES	502	2,512	2,512	5,000	5,000
52.5210-510	INSURANCE AND SURETY BONDS	12,813	13,105	15,000	15,000	15,000
52.5210-520	BAD DEBT	609	12	83	100	200
52.5210-590	DEPRECIATION EXPENSE	113,227	112,474	0	0	0
52.5210-730	IMPROVEMENTS	0	6,903	0	42,000	42,000
52.5210-740	CAPITAL EQUIPMENT	0	0	2,610	0	8,500
52.5210-810	PRINCIPAL ON BONDS	0	0	0	0	72,721
52.5210-820	INTEREST ON BONDS	(1,868)	0	0	0	0
52.5210-825	LEASE PAYMENTS	8,417	7,898	4,403	88,335	2,614
52.5210-910	TRANSFERS TO GENERAL FUND	0	0	0	0	0
52.5210-918	TRANSFER TO PUBLIC SERV SHOPS	58,414	55,969	36,737	40,766	44,042
52.5210-945	SEWER TREATMENT - ST. GEORGE	379,282	390,011	332,176	420,900	446,000
52.5210-976	TRANSFER TO FUND BALANCE	0	0	0	122,670	0
	TOTAL SEWER FUND	**749,127**	**820,901**	**620,556**	**991,840**	**961,780**

ENTERPRISE FUND - ELECTRIC FUND REVENUE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
ELECTRIC FUND REVENUE						
53.3709-000	TURN ON FEES	1,000	350	350	1,500	600
53.3711-000	POWER SALES - RESIDENTIAL	3,874,771	4,075,351	3,110,726	3,959,022	4,000,000
53.3712-000	POWER SALES - COMMERCIAL	702,234	842,581	747,716	828,570	860,000
53.3713-000	POWER COST ADJUSTMENT	-	265,774	1,514,980	700,000	1,409,000
53.3714-000	SERVICE CHARGE	709,313	704,533	502,679	751,440	820,680
53.3715-000	POLE USE FEES	4,284	4,236	4,586	4,284	5,000
53.3716-000	FEE - SERVICES & MATERIALS	663,286	902,466	611,858	-	-
53.3721-000	INTEREST EARNINGS	2,296	14,445	17,975	2,500	16,000
53.3722-000	PENALTIES	49,162	41,784	47,390	32,000	57,000
53.3723-000	CONNECTION FEES	66,909	59,587	69,920	55,218	30,370
53.3724-000	GAIN/LOSS DISPOSAL OF ASSETS	1,800	20,000	-	-	-
53.3725-000	MISCELLANEOUS	4,215	22,642	38,513	5,000	13,000
53.3726-000	COLLECTIONS/CHECKNET	-	-	-	-	-
53.3727-000	UAMPS TRAVEL REIMBURSEMENT	-	-	16,479	2,500	5,000
53.3728-000	UAMPS VEYO PLANT CONTRACT	132,478	96,045	57,406	95,000	109,000
53.3729-000	ELECTRICAL IMPACT FEES	648,016	446,670	727,692	438,100	244,970
53.3731-000	ELECTRIC IMPACT INTEREST	10,007	10,762	55,051	12,000	38,000
53.3781-000	APPROPRIATED FUND BALANCE	-	-	-	-	-
	TOTAL ELECTRIC FUND REVENUE	**6,869,771**	**7,507,227**	**7,523,322**	**6,887,134**	**7,608,620**
					TOTAL ELECTRIC FUND EXPENSES	**8,852,115**
					TOTAL ELECTRIC FUND DEFICIT	**(1,243,495)**

GENERAL FUND - ELECTRIC FUND EXPENDITURES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
ELECTRIC FUND						
53.5310-110	SALARIES & WAGES	591,914	642,602	522,433	715,461	774,411
53.5310-125	OVERTIME	3,530	7,141	26,399	3,726	13,438
53.5310-131	FICA	43,516	48,106	40,987	55,018	60,270
53.5310-132	RETIREMENT	54,133	(8,896)	99,495	127,951	141,426
53.5310-133	INSURANCE	109,523	134,270	126,650	168,944	173,404
53.5310-210	SUBSCRIPTIONS & MEMBERSHIPS	603	690	4,177	500	1,000
53.5310-220	PUBLIC NOTICES	0	0	37	300	300
53.5310-230	TRAVEL	1,076	17,871	5,855	16,000	16,000
53.5310-240	OFFICE SUPPLIES	5,785	2,412	1,430	5,000	3,800
53.5310-246	UNIFORMS	1,979	4,162	3,437	5,000	5,000
53.5310-249	SAFETY EQUIPMENT	5,444	5,587	3,984	4,000	5,000
53.5310-250	OPERATING SUPPLIES	6,158	10,346	11,528	10,000	12,000
53.5310-251	FUEL	7,992	9,601	9,382	7,500	12,000
53.5310-252	SUPPLIES & METERS	1,710	9,185	19,847	50,000	50,000
53.5310-253	REPAIRS & MAINTENANCE	13,296	33,912	11,482	20,000	20,000
53.5310-254	NEW SUBDIVISION EXPENSES	0	0	412,856	0	0
53.5310-260	BUILDING MAINTENANCE	1,441	2,293	3,420	4,000	4,000
53.5310-270	UTILITIES - Generator Plant	12,412	16,107	38,688	20,000	40,000
53.5310-271	UTILITIES - STREETSCAPE	5,008	6,575	5,389	5,500	5,500
53.5310-281	CELL PHONES	8,348	9,516	4,668	9,000	9,000
53.5310-310	IT SERVICES	11,253	0	1,095	4,000	2,000
53.5310-320	ENGINEERING SERVICES	9,648	65,261	13,747	25,000	25,000
53.5310-325	CREDIT/DEBIT CARD FEES	15,882	18,883	12,535	14,000	15,000
53.5310-330	LEGAL SERVICES	1,560	1,950	3,263	3,000	5,000
53.5310-340	ACCOUNTING & AUDITING SERVICES	9,100	6,775	9,250	8,000	8,500
53.5310-350	MEDICAL & DRUG TESTING	275	468	470	300	600
53.5310-360	TRAINING	0	3,379	7,295	7,000	10,000
53.5310-370	PROFESSIONAL SERVICES	9,127	26,765	7,270	5,000	4,000
53.5310-466	POWER LINES/POLES/ASSOC PARTS	29,348	32,353	142,031	80,000	80,000
53.5310-469	SCADA MATERIALS & SUPPLIES	1,200	2,100	312	10,000	3,000
53.5310-510	INSURANCE AND SURETY BONDS	29,897	30,733	35,101	35,000	35,000
53.5310-520	BAD DEBT	4,740	123	535	0	0
53.5310-590	DEPRECIATION	571,147	584,607	0	0	0
53.5310-610	GENERATOR FUEL	95,247	50,333	314,305	125,000	425,000
53.5310-630	O & M GENERATORS	48,993	175,564	132,650	40,000	60,000
53.5310-730	IMPROVEMENTS	12,103	6,080	78,398	90,675	138,000
53.5310-740	CAPITAL EQUIPMENT	0	3,208	162,060	222,500	195,000
53.5310-750	LAND EASEMENTS & RIGHT OF WAYS	1,317	1,481	1,230	1,500	1,500
53.5310-810	PRINCIPAL ON BONDS	0	0	0	412,000	418,000
53.5310-820	INTEREST ON BONDS	58,677	54,492	45,413	87,890	81,958
53.5310-825	LEASE PAYMENTS	0	1,777	0	2,000	0
53.5310-830	FISCAL AGENT FEES	34,750	33,250	1,750	3,500	3,500
53.5310-918	TRANSFER TO PUBLIC SERV SHOPS	67,146	62,256	77,136	62,717	94,508
53.5310-930	FRANCHISE FEE TO GENERAL FUND	346,190	356,896	320,920	400,000	400,000
53.5310-950	POWER PURCHASE - UAMPS	2,264,111	2,910,501	3,521,450	2,500,000	4,000,000
53.5310-951	POWER OWNERSHIP COSTS -UAMPS	1,322,120	1,406,625	951,634	1,300,000	1,350,000
53.5310-952	LINE ITEM EXPENSES - UAMPS	80,783	(11,692)	(228,292)	150,000	150,000
53.5310-976	TRANSFER TO FUND BALANCE	0	0	0	70,152	0
	TOTAL ELECTRIC FUND	**5,898,483**	**6,775,646**	**6,963,699**	**6,887,134**	**8,852,115**

ENTERPRISE FUND - STORM WATER FUND REVENUE

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
STORM WATER FUND REVENUE						
54.3714-000	SURCHARGE FEE	512,018	538,905	420,467	513,078	568,000
54.3720-000	STORM WATER FEES	30,774	23,550	26,300	17,500	11,000
54.3721-000	INTEREST EARNINGS	715	480	115	1,500	400
54.3722-000	PENALTIES	2,634	2,237	2,539	2,600	3,000
54.3723-000	CONNECTION FEES	-	-	-	-	-
54.3724-000	GAIN/LOSS DISPOSAL FIXED ASSET	-	-	-	-	-
54.3725-000	MISCELLANEOUS	565	-	-	-	-
54.3729-000	STORM WATER IMPACT FEES	83,005	57,412	85,818	51,781	37,000
54.3731-000	STORM WATER IMPACT INTEREST	1,547	1,245	7,007	1,500	4,000
54.3750-000	CAPITAL CONTRIBUTIONS - SUB	-	360,319	-	-	-
54.3780-000	IMPACT FEE RESERVE	-	-	-	-	-
54.3781-000	APPROPRIATED FUND BALANCE	-	-	-	115,751	-
	TOTAL STORM WATER FUND REVENUE	**631,258**	**984,148**	**542,245**	**703,710**	**623,400**
					TOTAL STORM FUND EXPENSES	**766,408**
					TOTAL STORM FUND DEFICIT	**(143,008)**

GENERAL FUND - STORM WATER FUND EXPENDITURES

GL Account	Name	Actual 6/30/2021	Acutal 6/30/2022	Actual 6/30/2023	Budget 6/30/2023	Budget 6/30/2024
STORM WATER FUND						
54.5410-110	SALARIES & WAGES	137,668	136,863	111,337	127,545	152,014
54.5410-125	OVERTIME	389	583	4,039	1,142	1,454
54.5410-131	FICA	10,548	10,206	8,661	9,845	11,740
54.5410-132	RETIREMENT	8,776	(1,665)	19,949	20,823	27,037
54.5410-133	INSURANCE	25,487	33,956	30,760	30,691	38,894
54.5410-210	SUBSCRIPTIONS & MEMBERSHIPS	1,350	1,250	1,385	1,400	1,500
54.5410-230	TRAVEL	0	0	0	1,500	1,000
54.5410-240	OFFICE SUPPLIES	765	0	425	500	750
54.5410-246	UNIFORMS	771	899	270	2,500	3,000
54.5410-250	OPERATING SUPPLIES	1,767	315	864	4,000	4,000
54.5410-251	FUEL	5,063	7,388	6,939	7,000	10,000
54.5410-253	REPAIRS & MAINTENANCE	9,741	4,893	4,803	8,000	8,000
54.5410-281	CELL PHONE	1,017	745	280	0	500
54.5410-320	ENGINEERING SERVICES	4,026	1,460	13,021	45,000	45,000
54.5410-325	CREDIT/DEBIT CARD FEES	3,403	4,046	2,763	3,000	3,000
54.5410-330	LEGAL SERVICES	1,795	0	0	1,000	1,000
54.5410-340	ACCOUNTING & AUDITING SERVICES	0	2,900	5,300	5,000	5,000
54.5410-350	MEDICAL & DRUG TESTING	0	0	0	200	200
54.5410-360	TRAINING	80	200	0	1,500	3,000
54.5410-370	PROFESSIONAL SERVICES	24,559	0	0	0	0
54.5410-415	STORM DRAIN CLEANING	2,524	2,280	5,149	7,500	7,500
54.5410-510	INSURANCE AND SURETY BONDS	8,542	8,183	12,500	12,500	12,500
54.5410-520	BAD DEBT	402	11	56	100	200
54.5410-590	DEPRECIATION	171,031	179,535	0	0	0
54.5410-730	IMPROVEMENTS	13,995	21,656	21,702	200,000	200,000
54.5410-740	CAPITAL EQUIPMENT	0	0	0	0	0
54.5410-770	FLOOD CONTROL DIST. SURCHARGE	51,762	53,850	42,165	54,900	61,551
54.5410-790	OTHER	8,769	0	0	0	0
54.5410-810	PRINCIPAL ON BONDS	0	0	0	122,000	100,000
54.5410-820	INTEREST ON BONDS	16,441	15,498	0	16,245	12,837
54.5410-825	LEASE PAYMENTS	0	1,777	0	0	0
54.5410-830	FISCAL AGENT FEES	0	0	600	0	0
54.5410-910	TRANSFERS TO GENERAL FUND	30,000	30,000	0	0	25,000
54.5410-918	TRANSFER TO PUBLIC SERV SHOPS	26,509	25,694	22,079	19,819	29,731
	TOTAL STORM WATER FUND	**567,181**	**542,523**	**315,048**	**703,710**	**766,408**

Equipment/Project Requests

Item # - Equipment/Project		Est. Cost
Administration		
1 New Server		15,000.00
2 Laptops (2)		5,000.00
	Total	20,000.00
Building		
1 Clean & Restore Statues and Placards		6,000.00
2 Paint Handrails		4,000.00
3 ClimateMaster (Water Source Heat Pumps)		20,000.00
4 Covered Parking - City Hall		60,000.00
	Total	90,000.00
Fire/EMS		
1 Firefighting PPE		50,321.00
2 Firefighting Hose		27,930.00
	Total	78,251.00
Streets		
1 Vineyard Drive		300,000.00
2 Backhoe Purchase		8,500.00
3 Traffic Signal Red Mtn & Pioneer Pkwy		100,000.00
	Total	408,500.00
Parks & Sports Field		
1 Walker Mower		24,000.00
2 ABI Field Groomer		25,000.00
3 Purchase Leased Backhoe		55,000.00
4 BMX - CV Parking		1,074,516.00
		1,178,516.00
Water		
1 Solace		20,000.00
2 Black Desert Upsize		100,000.00
3 PRV Upsize		210,000.00
4 Customer Portal Cellular App Water Usage/Eaton		13,000.00
5 Crestview Irrigation Line		510,000.00
6 Backhoe Purchase		8,500.00
		861,500.00
Sewer		
1 Upsize Sewer Main Solace		12,000.00
2 Upsize Sewer Main Silverado		30,000.00
3 Backhoe Purchase		8,500.00
		50,500.00
Power		
1 Hire a Grounds Man		76,000.00
2 Connection Fee/Line Ext. Policy study		16,000.00
3 Direct Bury replacement Canyon View Dr		58,000.00
4 5 steel poles from Canyonview sub		32,675.00
		182,675.00
Storm Water		
1 Vineyard Dr. Storm Drain, C&G		200,000.00

City of Santa Clara

Budget Report

10 General Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Change In Net Position							
Revenue:							
Taxes							
3110-000 CURRENT YEAR PROPERTY TAXES	1,070,727.96	1,038.18	1,005,354.38	1,074,731.13	1,084,779.00	10,047.87	99.07%
3120-000 PRIOR YEAR PROPERTY TAXES	41,573.99	5,569.24	31,221.81	26,982.28	25,000.00	(1,982.28)	107.93%
3121-000 FEE IN LIEU -PROPERTY TAXES	80,471.63	4,984.67	50,737.44	39,514.30	75,000.00	35,485.70	52.69%
3130-000 SALES AND USE TAXES	1,713,497.24	131,663.65	1,256,675.25	1,358,109.01	1,750,000.00	391,890.99	77.61%
3135-000 1/4 % HIGHWAY SALES & USE TAX	283,044.67	21,042.85	205,135.15	222,788.61	250,000.00	27,211.39	89.12%
3136-000 LOCAL OPTION SALES TAX	148,868.21	11,533.54	109,149.90	117,848.83	140,000.00	22,151.17	84.18%
3140-000 FRANCHISE TAXES - ELECTRIC	356,896.37	0.00	245,821.21	320,919.60	330,000.00	9,080.40	97.25%
3150-000 FRANCHISE TAXES - CABLE	22,935.01	0.00	17,228.83	16,611.83	25,000.00	8,388.17	66.45%
3165-000 FRANCHISE TAXES - GAS	104,314.54	26,764.33	67,349.65	77,382.90	101,000.00	23,617.10	76.62%
3170-000 MUNICIPAL TELECOM LICENSE TAX	30,621.05	2,279.03	23,539.06	20,467.97	28,000.00	7,532.03	73.10%
3174-000 RECREATION, ARTS & PARKS (RAP)	167,935.72	26,189.08	111,714.63	123,497.89	150,000.00	26,502.11	82.33%
3175-000 TRANSIENT ROOM TAX	168,090.55	8,651.34	122,448.11	120,536.26	145,000.00	24,463.74	83.13%
Total Taxes	**4,188,976.94**	**239,715.91**	**3,246,375.42**	**3,519,390.61**	**4,103,779.00**	**584,388.39**	**85.76%**
Licenses & Permits							
3210-000 BUSINESS LICENSES	8,055.00	360.00	7,580.00	8,790.00	7,000.00	(1,790.00)	125.57%
3221-000 BUILDING PERMIT FEES	348,784.65	7,926.23	237,894.11	545,778.24	200,000.00	(345,778.24)	272.89%
3222-000 BUILD PERMIT STATE SURCHARGE	2,804.16	75.65	1,927.65	4,931.70	2,500.00	(2,431.70)	197.27%
3225-000 ANIMAL LICENSES	2,942.00	136.00	2,780.00	2,314.00	2,500.00	186.00	92.56%
3226-000 SPECIAL EVENT PERMITS	550.00	100.00	450.00	650.00	250.00	(400.00)	260.00%
Total Licenses & Permits	**363,135.81**	**8,597.88**	**250,631.76**	**562,463.94**	**212,250.00**	**(350,213.94)**	**265.00%**
Intergovernmental Revenue							
3310-000 STATE/FEDERAL	12,885.00	0.00	7,500.00	18,000.00	0.00	(18,000.00)	0.00%
3315-000 WASHINGTON COUNTY GRANTS	260,000.00	0.00	260,000.00	0.00	330,000.00	330,000.00	0.00%
3356-000 CLASS "C" ROAD FUND	408,864.68	60,556.55	249,715.16	257,582.33	395,000.00	137,417.67	65.21%
3357-000 PEHP LGRP PREMIUM REBATE	0.00	0.00	0.00	25,764.00	0.00	(25,764.00)	0.00%
3358-000 STATE LIQUOR FUND	6,934.84	0.00	6,934.84	8,970.47	7,000.00	(1,970.47)	128.15%
3360-000 RISK MANAGEMENT GRANT/ULGT	2,390.00	0.00	2,390.00	2,462.00	2,500.00	38.00	98.48%
3362-000 IVINS CITY - COURT REIMBURSE	32,608.00	10,504.00	31,126.00	39,410.00	178,164.00	138,754.00	22.12%
3363-000 IVINS CITY - FIRE/EMS REIMBURS	1,149,937.00	294,184.00	729,401.75	811,851.00	1,323,144.00	511,293.00	61.36%
Total Intergovernmental Revenue	**1,873,619.52**	**365,244.55**	**1,287,067.75**	**1,164,039.80**	**2,235,808.00**	**1,071,768.20**	**52.06%**
Charges for Services							
3412-000 ZONING & SUBDIVISION FEES	119,037.63	4,941.50	26,124.06	19,566.56	10,000.00	(9,566.56)	195.67%
3413-000 CONSTRUCTION/MISC PERMITS	10,234.07	1,617.72	7,782.53	17,051.88	5,000.00	(12,051.88)	341.04%
3422-000 WILDLAND FIRE	141,120.59	0.00	150,120.59	0.00	175,000.00	175,000.00	0.00%
3424-000 PLAN REVIEW	25,119.17	5,522.80	24,278.36	29,184.73	15,000.00	(14,184.73)	194.56%
3426-000 AMBULANCE SERVICE CHARGES	384,479.70	(20,264.30)	279,245.01	123,604.09	330,000.00	206,395.91	37.46%
3428-000 UTILITY ADMINISTRATION FEE	22,950.00	1,550.00	16,100.00	16,550.00	20,000.00	3,450.00	82.75%
3440-000 STREET MAINTENANCE	127,210.17	12,762.39	92,461.99	108,727.19	136,920.00	28,192.81	79.41%
3443-000 REFUSE COLLECTION CHARGES	423,291.20	39,708.33	312,896.88	343,252.70	452,010.00	108,757.30	75.94%
3444-000 REFUSE COLLECTION PENALTIES	3,730.00	385.00	2,878.00	4,231.00	3,000.00	(1,231.00)	141.03%
3445-000 RECYCLING CHARGE	4,165.74	492.41	3,175.23	3,396.76	4,000.00	603.24	84.92%
3460-000 AH GUBLER CONCES FOOD/NONFOOD	16,111.79	1,676.88	8,543.93	5,153.25	17,000.00	11,846.75	30.31%
3462-000 AH GUBLER PARK TOURNAMENT REV	46,790.00	19,150.00	42,090.00	73,100.00	35,000.00	(38,100.00)	208.86%
3463-000 GUBLER PARK LEAGUE REVENUE	40.00	0.00	40.00	1,020.00	0.00	(1,020.00)	0.00%
3474-000 B ROCK & CANYONVIEW PK RESERVA	3,590.00	455.00	3,615.00	1,785.00	2,000.00	215.00	89.25%
3475-000 HERITAGE SQUARE USE FEES	1,915.00	605.00	1,535.00	995.00	1,000.00	5.00	99.50%
3477-000 PICKLEBALL COURT RESERVATION	0.00	0.00	0.00	40.00	0.00	(40.00)	0.00%
3481-000 SALE OF CEMETERY BURIAL PLOTS	74,600.00	3,250.00	60,500.00	25,450.00	30,000.00	4,550.00	84.83%
3482-000 PERPETUAL CARE	43,289.00	2,900.00	33,039.00	22,100.00	23,000.00	900.00	96.09%
3483-000 INTERMENT FEE	10,100.00	1,800.00	7,350.00	9,950.00	9,000.00	(950.00)	110.56%
3491-000 HCP ADMINISTRATIVE FEE	36,024.27	325.77	21,245.00	52,580.57	25,000.00	(27,580.57)	210.32%
Total Charges for Services	**1,493,798.33**	**76,878.50**	**1,093,020.58**	**857,738.73**	**1,292,930.00**	**435,191.27**	**66.34%**
Fines & Forfeitures							
3511-000 FINES AND PENALTIES	295,220.39	29,488.24	201,973.71	203,939.25	225,000.00	21,060.75	90.64%
Total Fines & Forfeitures	**295,220.39**	**29,488.24**	**201,973.71**	**203,939.25**	**225,000.00**	**21,060.75**	**90.64%**
Interest							
3610-000 INTEREST EARNINGS	52,612.00	43,012.87	31,102.72	250,502.75	30,000.00	(220,502.75)	835.01%
Total Interest	**52,612.00**	**43,012.87**	**31,102.72**	**250,502.75**	**30,000.00**	**(220,502.75)**	**835.01%**
Miscellaneous Revenue							
3600-000 MISCELLANEOUS REVENUE	50,301.31	21,558.04	44,755.32	40,011.46	25,000.00	(15,011.46)	160.05%
3619-000 VINEYARD DRIVE IMPROVEMENTS	0.00	6,464.00	0.00	6,464.00	0.00	(6,464.00)	0.00%

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
3620-000 ARROWHEAD TRAIL IMP PAYMENTS	20,272.05	0.00	20,272.05	0.00	0.00	0.00	0.00%
3636-000 SC TOWN HALL MURAL	75.00	0.00	75.00	0.00	0.00	0.00	0.00%
3639-000 RENT - ROSENLOF HOME	19,248.00	1,619.00	14,391.00	14,571.00	20,400.00	5,829.00	71.43%
3640-000 GAIN/LOSS SALE OF ASSETS	41,600.00	0.00	41,600.00	120,250.00	0.00	(120,250.00)	0.00%
3641-000 LEASE PROCEEDS- CELL TOWER(S)	1,322.50	0.00	1,322.50	0.00	3,600.00	3,600.00	0.00%
3644-000 RENT	21,600.00	1,800.00	16,200.00	16,200.00	21,600.00	5,400.00	75.00%
3647-000 BANQUET HALL RENTAL	6,340.00	1,100.00	5,340.00	5,750.00	5,000.00	(750.00)	115.00%
3651-000 DONATIONS - GENERAL	12,156.11	0.00	12,156.11	1,925.00	0.00	(1,925.00)	0.00%
3651-001 DONATIONS - FIRE	40.00	0.00	40.00	0.00	0.00	0.00	0.00%
3651-002 DONATIONS - SC BEAUTIFICATION	400.00	0.00	400.00	0.00	0.00	0.00	0.00%
Total Miscellaneous Revenue	**173,354.97**	**32,541.04**	**156,551.98**	**205,171.46**	**75,600.00**	**(129,571.46)**	**271.39%**
Swiss Days Revenue							
3780-001 SWISS DAYS 5K RUN/WALK	10,688.00	0.00	10,688.00	10,352.38	8,000.00	(2,352.38)	129.40%
3780-002 SWISS DAYS BREAKFAST	2,601.00	0.00	2,601.00	2,848.00	2,500.00	(348.00)	113.92%
3780-003 SWISS DAYS VENDOR BOOTH	12,485.00	190.00	9,425.00	6,051.00	9,000.00	2,949.00	67.23%
3780-004 SWISS DAYS KID'S BOOTH	796.50	0.00	796.50	782.63	750.00	(32.63)	104.35%
3780-005 SWISS DAYS BANNERS	300.00	0.00	300.00	0.00	0.00	0.00	0.00%
3780-007 SWISS DAY SUNDRY REVENUES	305.00	0.00	305.00	200.00	0.00	(200.00)	0.00%
3780-012 SWISS DAYS DINNER	320.00	0.00	320.00	2,771.00	1,000.00	(1,771.00)	277.10%
3780-013 SPONSOR & AD	20,535.00	0.00	8,710.00	9,040.00	10,000.00	960.00	90.40%
3781-000 TRANSFERS FROM OTHER FUNDS	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00%
Total Swiss Days Revenue	**78,030.50**	**190.00**	**33,145.50**	**32,045.01**	**31,250.00**	**(795.01)**	**102.54%**
Contributions & Transfers							
3850-000 PUBLIC SERVICES SHOP-STORM WAT	25,694.04	1,840.00	19,270.53	16,560.00	22,079.00	5,519.00	75.00%
3855-000 PUBLIC SERVICES SHOP- ELECT FD	62,256.00	6,428.00	46,692.00	57,852.00	77,136.00	19,284.00	75.00%
3860-000 PUBLIC SERVICES SHOP-WATER FND	101,631.00	6,324.00	76,223.25	56,916.00	75,882.00	18,966.00	75.01%
3865-000 PUBLIC SERVICES SHOP-SEWER FND	55,968.96	3,061.00	41,976.72	27,549.00	36,737.00	9,188.00	74.99%
3890-000 BEG GF BALANCE TO BE APPROPRAT	0.00	0.00	0.00	0.00	613,741.00	613,741.00	0.00%
Total Contributions & Transfers	**245,550.00**	**17,653.00**	**184,162.50**	**158,877.00**	**825,575.00**	**666,698.00**	**19.24%**
Total Revenue:	**8,764,298.46**	**813,321.99**	**6,484,031.92**	**6,954,168.55**	**9,032,192.00**	**2,078,023.45**	**76.99%**
Expenditures:							
General Government							
Justice Court							
4120-110 SALARIES & WAGES	114,615.76	9,502.23	84,380.75	88,993.42	117,131.00	28,137.58	75.98%
4120-125 OVERTIME	361.57	524.47	322.74	2,704.86	0.00	(2,704.86)	0.00%
4120-131 FICA	8,467.39	740.51	6,245.50	6,762.79	8,961.00	2,198.21	75.47%
4120-132 RETIREMENT	15,025.14	1,403.91	10,986.55	12,488.67	15,370.00	2,881.33	81.25%
4120-133 INSURANCE	39,029.63	2,955.75	29,423.88	30,164.66	41,918.00	11,753.34	71.96%
4120-210 SUBSCRIPTIONS & MEMBERSHIPS	1,688.67	0.00	1,340.31	836.65	750.00	(86.65)	111.55%
4120-230 TRAVEL	88.61	0.00	88.61	0.00	500.00	500.00	0.00%
4120-240 OFFICE SUPPLIES	1,278.24	0.00	1,128.44	2,972.45	3,500.00	527.55	84.93%
4120-281 DATA CARD	520.13	0.00	400.10	280.07	520.00	239.93	53.86%
4120-330 LEGAL SERVICES	21,807.40	238.86	15,250.06	32,642.40	27,500.00	(5,142.40)	118.70%
4120-360 TRAINING	0.00	0.00	0.00	1,049.41	1,500.00	450.59	69.96%
4120-370 PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	500.00	500.00	0.00%
4120-740 CAPITAL EQUIPMENT	3,558.39	0.00	3,558.39	0.00	0.00	0.00	0.00%
4120-905 STATE FINE COLLECTIONS	122,145.49	6,789.29	73,571.15	61,870.35	100,000.00	38,129.65	61.87%
Total Justice Court	**328,586.42**	**22,155.02**	**226,696.48**	**240,765.73**	**318,150.00**	**77,384.27**	**75.68%**
Administration							
4130-110 SALARIES & WAGES	148,445.00	11,282.13	107,178.70	117,085.32	153,830.00	36,744.68	76.11%
4130-125 OVERTIME	1,067.95	173.86	711.06	2,429.81	0.00	(2,429.81)	0.00%
4130-131 FICA	11,101.21	852.63	7,999.58	8,925.14	11,768.00	2,842.86	75.84%
4130-132 RETIREMENT	24,235.23	2,011.67	17,547.03	20,851.07	24,123.00	3,271.93	86.44%
4130-133 INSURANCE	34,619.47	3,057.26	26,003.09	27,845.09	22,924.00	(4,921.09)	121.47%
4130-210 SUBSCRIPTIONS & MEMBERSHIPS	7,942.32	0.00	7,792.32	9,232.34	8,600.00	(632.34)	107.35%
4130-220 PUBLIC NOTICES	159.90	0.00	159.90	0.00	1,000.00	1,000.00	0.00%
4130-230 TRAVEL	11,247.24	0.00	10,981.93	10,638.09	10,500.00	(138.09)	101.32%
4130-235 ELECTIONS	10,344.31	0.00	10,344.31	0.00	0.00	0.00	0.00%
4130-240 OFFICE SUPPLIES	11,582.05	889.00	10,942.46	9,727.31	15,000.00	5,272.69	64.85%
4130-245 POSTAGE	3,125.60	1,000.00	2,515.60	3,495.43	6,000.00	2,504.57	58.26%
4130-246 UNIFORMS	0.00	0.00	0.00	1,383.00	2,500.00	1,117.00	55.32%
4130-250 OPERATING SUPPLIES	1,928.61	173.20	1,169.56	2,880.79	0.00	(2,880.79)	0.00%
4130-253 REPAIRS & MAINTENANCE	0.00	0.00	0.00	349.22	0.00	(349.22)	0.00%
4130-260 BUILDING MAINTENANCE	358.32	47.97	261.46	1,136.74	0.00	(1,136.74)	0.00%

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
4130-270 UTILITIES	1,364.00	0.00	879.50	0.00	0.00	0.00	0.00%
4130-280 TELEPHONE	14,860.97	0.00	11,570.96	8,281.39	15,500.00	7,218.61	53.43%
4130-281 CELL PHONES	3,199.72	33.23	2,733.25	3,793.40	3,800.00	6.60	99.83%
4130-282 RENTALS	78.57	129.00	0.00	722.21	0.00	(722.21)	0.00%
4130-310 IT SERVICES	152,349.51	18,418.77	128,437.93	109,956.40	125,255.00	15,298.60	87.79%
4130-311 SOLID WASTE DISPOSAL CONTRACT	390,658.98	36,629.65	288,432.17	317,582.08	408,090.00	90,507.92	77.82%
4130-325 CREDIT/DEBIT CARD FEES	2,204.30	0.00	4,643.17	3,052.25	3,500.00	447.75	87.21%
4130-330 LEGAL SERVICES	62,530.59	0.00	43,278.09	62,573.58	35,000.00	(27,573.58)	178.78%
4130-340 ACCOUNTING & AUDITING SERVICES	10,150.00	0.00	10,150.00	4,535.88	7,000.00	2,464.12	64.80%
4130-350 MEDICAL & DRUG TESTING	0.00	0.00	0.00	30.00	0.00	(30.00)	0.00%
4130-360 TRAINING	9,324.52	0.00	5,914.52	4,028.30	10,500.00	6,471.70	38.36%
4130-370 PROFESSIONAL SERVICES	40,124.82	3,329.50	28,552.64	38,733.84	38,320.00	(413.84)	101.08%
4130-371 CODE CODIFICATION	172.00	0.00	172.00	0.00	1,500.00	1,500.00	0.00%
4130-510 INSURANCE AND SURETY BONDS	16,187.22	0.00	16,187.22	17,797.26	16,000.00	(1,797.26)	111.23%
4130-520 BAD DEBT	14.60	0.00	14.60	70.43	1,000.00	929.57	7.04%
4130-542 CEC ANNUAL ASSESSMENT	8,100.00	0.00	8,100.00	8,505.00	8,300.00	(205.00)	102.47%
4130-543 VOLUNTEER RECOGNITION DINNER	0.00	0.00	0.00	0.00	2,500.00	2,500.00	0.00%
4130-730 IMPROVEMENTS	3,775.28	0.00	3,775.28	0.00	0.00	0.00	0.00%
4130-740 CAPITAL EQUIPMENT	13,813.17	0.00	13,813.17	11,302.97	26,500.00	15,197.03	42.65%
4130-810 PRINCIPAL ON BONDS	128,000.00	0.00	98,000.00	0.00	186,000.00	186,000.00	0.00%
4130-820 INTEREST ON BONDS	77,977.60	0.00	37,467.00	0.00	70,010.00	70,010.00	0.00%
4130-825 LEASE PAYMENTS	78.57	0.00	78.57	0.00	5,200.00	5,200.00	0.00%
4130-830 FISCAL AGENT FEES	2,000.00	0.00	0.00	0.00	5,000.00	5,000.00	0.00%
4130-997 TRANSFER TO CAPITAL PROJECTS	300,000.00	0.00	0.00	0.00	0.00	0.00	0.00%
4130-999 CONTINGENCY	17,738.10	0.00	16,052.67	16,262.00	20,000.00	3,738.00	81.31%
Total Administration	**1,520,859.73**	**78,027.87**	**921,859.74**	**823,206.34**	**1,245,220.00**	**422,013.66**	**66.11%**
Total General Government	**1,849,446.15**	**100,182.89**	**1,148,556.22**	**1,063,972.07**	**1,563,370.00**	**499,397.93**	**68.06%**
Public Safety							
Police							
4220-210 SUBSCRIPTIONS & MEMBERSHIPS	0.00	0.00	0.00	1,121.86	0.00	(1,121.86)	0.00%
4220-250 OPERATING SUPPLIES	1,137.98	0.00	0.00	237.60	0.00	(237.60)	0.00%
4220-251 FUEL	22,487.98	(21,219.57)	17,253.39	0.05	15,000.00	14,999.95	0.00%
4220-450 POLICE - SCI	1,149,186.27	339,043.00	719,930.27	1,029,001.00	1,280,201.00	251,200.00	80.38%
4220-980 SRO - ST. GEORGE	37,326.00	0.00	27,994.50	25,037.25	41,000.00	15,962.75	61.07%
Total Police	**1,210,138.23**	**317,823.43**	**765,178.16**	**1,055,397.76**	**1,336,201.00**	**280,803.24**	**78.98%**
Fire							
4230-110 SALARIES & WAGES	410,464.90	113,397.65	277,062.62	1,018,803.12	1,291,632.00	272,828.88	78.88%
4230-115 FLSA	0.00	1,587.78	0.00	17,563.22	0.00	(17,563.22)	0.00%
4230-120 SALARIES & WAGES - WILDLAND	38,778.79	0.00	38,778.79	0.00	0.00	0.00	0.00%
4230-125 OVERTIME	4,267.73	8,303.20	3,921.08	84,382.24	0.00	(84,382.24)	0.00%
4230-130 OVERTIME - WILDLAND	52,359.68	0.00	52,359.68	0.00	0.00	0.00	0.00%
4230-131 FICA	38,138.89	9,109.69	28,055.70	83,871.15	99,209.00	15,337.85	84.54%
4230-132 RETIREMENT	46,609.37	13,633.06	49,356.62	121,025.08	142,942.00	21,916.92	84.67%
4230-133 INSURANCE	95,822.17	28,812.02	70,828.67	251,100.63	328,079.00	76,978.37	76.54%
4230-210 SUBSCRIPTIONS & MEMBERSHIPS	2,671.73	898.50	2,671.73	5,247.26	12,100.00	6,852.74	43.37%
4230-230 TRAVEL	0.00	307.13	0.00	307.13	0.00	(307.13)	0.00%
4230-240 OFFICE SUPPLIES	3,767.67	0.00	2,546.23	4,201.35	6,500.00	2,298.65	64.64%
4230-246 UNIFORMS	26,310.71	0.00	6,600.77	32,953.07	12,000.00	(20,953.07)	274.61%
4230-250 OPERATING SUPPLIES	31,056.42	329.05	20,359.80	60,087.40	42,000.00	(18,087.40)	143.07%
4230-251 FUEL	13,789.10	2,225.00	9,228.59	26,482.22	17,000.00	(9,482.22)	155.78%
4230-252 WILDLAND FIRE FUEL	5,350.07	0.00	5,350.07	0.00	0.00	0.00	0.00%
4230-253 REPAIRS & MAINTENANCE	21,457.51	1,304.04	4,856.50	31,167.70	25,000.00	(6,167.70)	124.67%
4230-254 WILDLAND VEH/EQUIP REPAIR	4,280.36	0.00	4,280.36	0.00	0.00	0.00	0.00%
4230-255 FIRE PREVENTION	10,707.76	0.00	0.00	380.87	0.00	(380.87)	0.00%
4230-260 BUILDING MAINTENANCE	21,542.34	268.97	18,851.51	18,095.43	15,000.00	(3,095.43)	120.64%
4230-270 UTILITIES	11,457.32	1,612.74	8,382.10	11,314.92	8,500.00	(2,814.92)	133.12%
4230-280 TELEPHONE	1,045.04	0.00	1,045.04	0.00	1,000.00	1,000.00	0.00%
4230-281 CELL PHONES	7,264.77	0.00	5,707.51	4,146.21	9,000.00	4,853.79	46.07%
4230-310 IT SERVICES	0.00	0.00	0.00	1,071.98	0.00	(1,071.98)	0.00%
4230-325 CREDIT/DEBIT CARD FEES	0.00	0.00	0.00	566.64	0.00	(566.64)	0.00%
4230-330 LEGAL SERVICES	165.00	0.00	165.00	967.50	750.00	(217.50)	129.00%
4230-350 MEDICAL & DRUG TESTING	639.00	0.00	387.00	371.00	1,250.00	879.00	29.68%
4230-360 TRAINING	8,511.48	0.00	8,346.48	7,002.87	15,000.00	7,997.13	46.69%
4230-370 PROFESSIONAL SERVICES	14,298.20	2,021.43	10,907.71	46,746.47	53,250.00	6,503.53	87.79%
4230-450 EMS REV SHARE W/IVINS	192,239.00	0.00	139,622.00	0.00	157,500.00	157,500.00	0.00%

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
4230-453 WILDLAND FIRE EXP'S	7,292.61	0.00	7,216.58	0.00	0.00	0.00	0.00%
4230-454 SAFETY EQUIPMENT	9,735.10	0.00	8,718.24	36,530.02	26,000.00	(10,530.02)	140.50%
4230-675 VOLUNTEER PROGRAMS	955.00	0.00	955.00	0.00	1,500.00	1,500.00	0.00%
4230-720 LAND/BUILDINGS	0.00	0.00	0.00	1,441.09	0.00	(1,441.09)	0.00%
4230-730 IMPROVEMENTS	10,992.39	0.00	7,925.53	1,728.01	5,000.00	3,271.99	34.56%
4230-740 CAPITAL EQUIPMENT	380,061.34	0.00	344,934.97	51,380.34	55,000.00	3,619.66	93.42%
4230-825 LEASE PAYMENTS	0.00	0.00	0.00	0.00	34,000.00	34,000.00	0.00%
4230-985 COUNTY DISPATCH	7,703.96	0.00	5,777.97	9,261.21	9,000.00	(261.21)	102.90%
Total Fire	**1,479,735.41**	**183,810.26**	**1,145,199.85**	**1,928,196.13**	**2,368,212.00**	**440,015.87**	**81.42%**
EMS							
4235-110 SALARIES & WAGES	385,739.72	0.00	276,527.86	0.00	0.00	0.00	0.00%
4235-125 OVERTIME	4,309.76	0.00	3,839.13	0.00	0.00	0.00	0.00%
4235-131 FICA	29,611.08	0.00	21,280.00	0.00	0.00	0.00	0.00%
4235-132 RETIREMENT	42,209.62	0.00	31,818.29	0.00	0.00	0.00	0.00%
4235-133 INSURANCE	79,978.52	0.00	60,772.10	0.00	0.00	0.00	0.00%
4235-210 SUBSCRIPTIONS & MEMBERSHIPS	1,422.02	0.00	387.02	0.00	0.00	0.00	0.00%
4235-240 OFFICE SUPPLIES	1,967.92	0.00	1,684.43	0.00	0.00	0.00	0.00%
4235-246 UNIFORMS	1,132.88	0.00	545.13	0.00	0.00	0.00	0.00%
4235-250 OPERATING SUPPLIES	38,372.21	0.00	31,977.31	0.00	0.00	0.00	0.00%
4235-251 FUEL	7,183.04	0.00	5,562.30	0.00	0.00	0.00	0.00%
4235-253 REPAIRS & MAINTENANCE	3,649.85	0.00	3,649.85	0.00	0.00	0.00	0.00%
4235-360 TRAINING	3,755.80	0.00	3,344.99	0.00	0.00	0.00	0.00%
4235-370 PROFESSIONAL SERVICES	54,780.23	0.00	43,220.40	0.00	0.00	0.00	0.00%
4235-740 CAPITAL EQUIPMENT	6,801.28	0.00	0.00	0.00	0.00	0.00	0.00%
4235-825 LEASE PAYMENTS	33,968.16	0.00	0.00	0.00	0.00	0.00	0.00%
Total EMS	**694,882.09**	**0.00**	**484,608.81**	**0.00**	**0.00**	**0.00**	**0.00%**
Building & Planning							
4240-110 SALARIES & WAGES	250,766.42	21,212.52	183,459.21	194,308.80	248,222.00	53,913.20	78.28%
4240-125 OVERTIME	4,948.21	609.68	3,583.35	4,922.62	4,870.00	(52.62)	101.08%
4240-131 FICA	19,150.89	1,634.40	14,023.90	14,889.24	19,362.00	4,472.76	76.90%
4240-132 RETIREMENT	46,474.42	3,898.57	33,808.62	35,446.82	43,937.00	8,490.18	80.68%
4240-133 INSURANCE	48,877.96	4,501.78	35,301.72	40,844.14	59,579.00	18,734.86	68.55%
4240-210 SUBSCRIPTIONS & MEMBERSHIPS	1,855.03	0.00	1,713.03	725.15	2,500.00	1,774.85	29.01%
4240-220 PUBLIC NOTICES	0.00	0.00	0.00	295.00	2,000.00	1,705.00	14.75%
4240-230 TRAVEL	3,628.83	579.50	2,992.43	1,336.02	3,600.00	2,263.98	37.11%
4240-240 OFFICE SUPPLIES	4,706.95	0.00	3,989.02	1,189.39	6,875.00	5,685.61	17.30%
4240-245 POSTAGE	0.00	0.00	0.00	0.00	250.00	250.00	0.00%
4240-246 UNIFORMS	183.00	0.00	183.00	339.96	2,000.00	1,660.04	17.00%
4240-250 OPERATING SUPPLIES	1,753.42	153.60	1,549.03	2,822.07	5,000.00	2,177.93	56.44%
4240-251 FUEL	2,684.14	286.57	2,018.38	3,087.39	4,500.00	1,412.61	68.61%
4240-253 REPAIRS & MAINTENANCE	3,029.78	0.00	2,384.69	228.02	6,400.00	6,171.98	3.56%
4240-260 BUILDING MAINTENANCE	44,168.38	102.09	27,447.83	14,702.85	35,000.00	20,297.15	42.01%
4240-270 BUILDING UTILITIES	33,931.44	3,263.56	24,101.87	29,025.55	39,200.00	10,174.45	74.04%
4240-281 CELL PHONES	4,702.00	56.00	4,291.03	1,821.08	5,200.00	3,378.92	35.02%
4240-320 ENGINEERING	2,322.00	1,383.50	1,457.00	1,835.00	24,000.00	22,165.00	7.65%
4240-330 LEGAL SERVICES	54,850.00	0.00	50,395.00	42,665.00	58,000.00	15,335.00	73.56%
4240-350 MEDICAL & DRUG TESTING	79.00	0.00	79.00	70.00	0.00	(70.00)	0.00%
4240-360 TRAINING	4,146.94	0.00	3,709.87	2,272.08	10,500.00	8,227.92	21.64%
4240-370 PROFESSIONAL SERVICES	39,715.07	0.00	34,850.57	17,495.40	10,000.00	(7,495.40)	174.95%
4240-730 IMPROVEMENTS	0.00	0.00	0.00	5,890.76	71,200.00	65,309.24	8.27%
4240-740 CAPITAL EQUIPMENT	0.00	0.00	0.00	0.00	46,150.00	46,150.00	0.00%
4240-940 INTERGOVT CHARGES (ST SURCHG)	2,790.28	0.00	537.82	3,926.35	2,500.00	(1,426.35)	157.05%
Total Building & Planning	**574,764.16**	**37,681.77**	**431,876.37**	**420,138.69**	**710,845.00**	**290,706.31**	**59.10%**
Total Public Safety	**3,959,519.89**	**539,315.46**	**2,826,863.19**	**3,403,732.58**	**4,415,258.00**	**1,011,525.42**	**77.09%**
Highways & Public Improvements							
Streets							
4410-110 SALARIES & WAGES	120,002.69	11,766.51	82,690.34	112,312.64	156,083.00	43,770.36	71.96%
4410-125 OVERTIME	573.16	387.42	504.26	4,598.20	1,836.00	(2,762.20)	250.45%
4410-131 FICA	9,093.02	915.25	6,268.83	8,804.31	12,081.00	3,276.69	72.88%
4410-132 RETIREMENT	21,946.77	2,132.33	15,100.37	20,577.82	28,881.00	8,303.18	71.25%
4410-133 INSURANCE	29,521.07	2,905.13	21,499.48	28,091.75	43,184.00	15,092.25	65.05%
4410-210 SUBSCRIPTIONS & MEMBERSHIPS	90.73	0.00	90.73	1,234.59	100.00	(1,134.59)	1,234.59%
4410-220 PUBLIC NOTICES	0.00	0.00	0.00	0.00	500.00	500.00	0.00%
4410-230 TRAVEL	0.00	0.00	0.00	0.00	1,000.00	1,000.00	0.00%
4410-240 OFFICE SUPPLIES	236.04	0.00	204.03	553.72	500.00	(53.72)	110.74%

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
4410-246 UNIFORMS	1,402.92	0.00	1,402.92	3,176.34	2,500.00	(676.34)	127.05%
4410-250 OPERATING SUPPLIES	2,490.93	0.00	2,286.54	5,015.49	3,000.00	(2,015.49)	167.18%
4410-251 FUEL	13,160.21	780.44	8,947.06	11,954.59	10,000.00	(1,954.59)	119.55%
4410-253 REPAIRS & MAINTENANCE	20,588.43	0.00	14,215.23	14,461.90	30,000.00	15,538.10	48.21%
4410-260 BUILDING MAINTENANCE	16,168.79	59.46	13,100.59	12,961.23	15,000.00	2,038.77	86.41%
4410-263 STREET LIGHT REPAIRS	0.00	7,200.00	0.00	32,833.42	25,000.00	(7,833.42)	131.33%
4410-270 UTILITIES	6,671.65	480.07	4,806.53	5,518.55	6,500.00	981.45	84.90%
4410-310 IT SERVICES	663.40	0.00	599.38	448.88	1,000.00	551.12	44.89%
4410-311 MPO ANNUAL ASSESSMENT	5,000.00	0.00	5,000.00	5,500.00	5,500.00	0.00	100.00%
4410-320 ENGINEERING SERVICES	17,235.75	729.00	9,659.75	19,113.50	25,000.00	5,886.50	76.45%
4410-325 PUBLIC TRANSPORTATION	0.00	0.00	0.00	0.00	25,000.00	25,000.00	0.00%
4410-330 LEGAL SERVICES	562.50	0.00	562.50	0.00	1,000.00	1,000.00	0.00%
4410-350 MEDICAL & DRUG TESTING	921.00	0.00	616.00	454.00	1,000.00	546.00	45.40%
4410-360 TRAINING	95.00	0.00	95.00	60.00	1,000.00	940.00	6.00%
4410-370 PROFESSIONAL SERVICES	2,231.90	0.00	2,231.90	5,413.35	8,000.00	2,586.65	67.67%
4410-410 CRACK SEALING M&S	35,865.81	24,563.15	35,865.81	49,619.33	50,000.00	380.67	99.24%
4410-411 SIGNS & BARRICADES	3,825.05	0.00	3,825.05	4,761.73	9,000.00	4,238.27	52.91%
4410-412 CHIP SEALING M&S	548,981.74	0.00	19,217.47	166,288.75	400,000.00	233,711.25	41.57%
4410-413 SIDEWALK/CURB/GUTTER M&S	10,813.52	0.00	8,791.67	4,015.41	10,000.00	5,984.59	40.15%
4410-414 ROAD MATERIAL & SUPPLIES	50,633.77	0.00	21,639.11	15,614.13	30,000.00	14,385.87	52.05%
4410-510 INSURANCE & SURETY BONDS	20.79	0.00	20.79	136.11	100.00	(36.11)	136.11%
4410-730 IMPROVEMENTS	62,228.49	38,300.00	56,168.33	43,883.19	0.00	(43,883.19)	0.00%
4410-740 CAPITAL EQUIPMENT	185,710.92	0.00	185,710.92	117,612.33	92,000.00	(25,612.33)	127.84%
4410-810 PRINCIPAL ON BONDS	185,000.00	134,000.00	185,000.00	134,000.00	50,000.00	(84,000.00)	268.00%
4410-820 INTEREST ON BONDS	33,895.77	34,151.14	33,895.77	34,151.14	0.00	(34,151.14)	0.00%
4410-825 LEASE PAYMENTS	1,776.76	0.00	1,776.76	0.00	15,000.00	15,000.00	0.00%
Total Streets	**1,387,408.58**	**258,369.90**	**741,793.12**	**863,166.40**	**1,059,765.00**	**196,598.60**	**81.45%**
Total Highways & Public Improvements	**1,387,408.58**	**258,369.90**	**741,793.12**	**863,166.40**	**1,059,765.00**	**196,598.60**	**81.45%**
Parks & Recreation							
Parks, Trails & Cemetery							
4510-110 SALARIES & WAGES	220,168.69	34,098.34	159,738.54	305,255.25	456,928.00	151,672.75	66.81%
4510-125 OVERTIME	7,518.14	2,083.71	3,818.74	15,171.02	9,585.00	(5,586.02)	158.28%
4510-131 FICA	17,201.33	2,738.23	12,352.50	24,243.65	35,688.00	11,444.35	67.93%
4510-132 RETIREMENT	42,720.32	6,064.51	32,341.00	53,634.92	82,376.00	28,741.08	65.11%
4510-133 INSURANCE	46,228.87	9,217.30	34,824.55	81,818.66	126,523.00	44,704.34	64.67%
4510-210 SUBSCRIPTIONS & MEMBERSHIPS	965.15	0.00	965.15	1,647.32	800.00	(847.32)	205.92%
4510-220 PUBLIC NOTICES	0.00	0.00	0.00	102.45	0.00	(102.45)	0.00%
4510-230 TRAVEL	554.79	0.00	502.08	1,308.30	1,100.00	(208.30)	118.94%
4510-240 OFFICE SUPPLIES	4,035.28	0.00	3,124.61	3,411.74	3,800.00	388.26	89.78%
4510-246 UNIFORMS	2,721.25	0.00	2,699.28	4,214.13	6,650.00	2,435.87	63.37%
4510-250 OPERATING SUPPLIES	17,153.20	38.52	11,473.62	10,196.95	15,100.00	4,903.05	67.53%
4510-251 FUEL	20,666.80	1,613.98	16,350.71	18,548.64	9,000.00	(9,548.64)	206.10%
4510-253 REPAIRS & MAINTENANCE	11,238.23	78.30	9,429.75	6,564.14	13,000.00	6,435.86	50.49%
4510-256 TOURNAMENT EXPENSES	18,057.34	0.00	16,495.00	11,915.29	10,500.00	(1,415.29)	113.48%
4510-260 BUILDING MAINTENANCE	39,852.24	152.39	37,691.20	38,739.83	37,000.00	(1,739.83)	104.70%
4510-270 UTILITIES	61,075.68	8,082.19	43,804.51	67,252.94	60,000.00	(7,252.94)	112.09%
4510-281 CELL PHONES	4,097.71	175.00	3,299.85	2,722.16	4,000.00	1,277.84	68.05%
4510-320 ENGINEERING SERVICES	2,672.50	938.40	1,596.50	6,618.40	30,000.00	23,381.60	22.06%
4510-330 LEGAL SERVICES	112.50	0.00	112.50	0.00	500.00	500.00	0.00%
4510-350 MEDICAL & DRUG TESTING	280.00	0.00	250.00	120.00	300.00	180.00	40.00%
4510-360 TRAINING	1,042.15	0.00	727.11	3,107.00	2,600.00	(507.00)	119.50%
4510-370 PROFESSIONAL SERVICES	2,091.14	0.00	1,737.14	1,309.46	0.00	(1,309.46)	0.00%
4510-372 SAND HOLLOW ACQ CENT AGREEME	24,793.98	0.00	24,793.98	23,561.25	32,000.00	8,438.75	73.63%
4510-381 SANTA CLARA ARBORETUM	609.47	0.00	609.47	193.56	1,000.00	806.44	19.36%
4510-480 PLANTS & FERTILIZERS	2,666.73	0.00	1,065.52	4,360.00	16,800.00	12,440.00	25.95%
4510-481 IRRIGATION	11,309.66	0.00	10,408.55	5,618.62	11,000.00	5,381.38	51.08%
4510-483 CEMETERY O&M	699.46	0.00	699.46	765.87	2,000.00	1,234.13	38.29%
4510-484 TRAILS O&M	0.00	0.00	0.00	826.20	7,000.00	6,173.80	11.80%
4510-485 HERITAGE SQUARE O&M	216.28	13.51	216.28	230.32	4,000.00	3,769.68	5.76%
4510-488 TREE MAINTENANCE	9,145.00	0.00	7,505.00	65.68	15,000.00	14,934.32	0.44%
4510-510 INSURANCE AND SURETY BONDS	43.86	0.00	43.86	188.79	0.00	(188.79)	0.00%
4510-730 IMPROVEMENTS	62,480.36	0.00	52,204.96	15,458.00	691,566.00	676,108.00	2.24%
4510-740 CAPITAL EQUIPMENT	69,464.85	0.00	69,464.85	119,414.41	136,970.00	17,555.59	87.18%
4510-825 LEASE PAYMENTS	4,837.36	0.00	4,837.36	11,324.23	10,000.00	(1,324.23)	113.24%
Total Parks, Trails & Cemetery	**706,720.32**	**65,294.38**	**565,183.63**	**839,909.18**	**1,832,786.00**	**992,876.82**	**45.83%**
Sports Field Maintenance							

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
4515-110 SALARIES & WAGES	207,303.64	0.00	156,267.06	0.00	0.00	0.00	0.00%
4515-125 OVERTIME	7,270.90	0.00	4,218.36	0.00	0.00	0.00	0.00%
4515-131 FICA	16,248.49	0.00	12,154.23	0.00	0.00	0.00	0.00%
4515-132 RETIREMENT	34,014.26	0.00	25,107.64	0.00	0.00	0.00	0.00%
4515-133 INSURANCE	50,430.57	0.00	39,492.80	0.00	0.00	0.00	0.00%
4515-210 SUBSCRIPTIONS & MEMBERSHIPS	135.00	0.00	135.00	0.00	0.00	0.00	0.00%
4515-246 UNIFORMS	2,773.28	0.00	2,773.28	0.00	0.00	0.00	0.00%
4515-250 OPERATING SUPPLIES	3,013.04	0.00	2,610.41	0.00	0.00	0.00	0.00%
4515-253 REPAIRS & MAINTENANCE	9,708.90	0.00	7,976.61	0.00	0.00	0.00	0.00%
4515-260 BUILDING MAINTENANCE	15,180.23	0.00	12,743.55	0.00	0.00	0.00	0.00%
4515-270 UTILITIES	38,668.59	0.00	26,823.42	0.00	0.00	0.00	0.00%
4515-281 CELL PHONES	315.00	0.00	315.00	0.00	0.00	0.00	0.00%
4515-360 TRAINING	130.00	0.00	130.00	0.00	0.00	0.00	0.00%
4515-480 PLANTS & FERTILIZERS	8,873.30	0.00	5,639.30	0.00	0.00	0.00	0.00%
4515-481 IRRIGATION	11,274.50	0.00	9,714.89	0.00	0.00	0.00	0.00%
4515-730 IMPROVEMENTS	30,343.38	0.00	0.00	0.00	0.00	0.00	0.00%
4515-740 CAPITAL EQUIPMENT	44,052.53	0.00	44,052.53	0.00	0.00	0.00	0.00%
4515-825 LEASE PAYMENTS	4,837.35	0.00	4,837.35	0.00	0.00	0.00	0.00%
Total Sports Field Maintenance	**484,572.96**	**0.00**	**354,991.43**	**0.00**	**0.00**	**0.00**	**0.00%**
Swiss Days							
4610-001 5K RUN/WALK	7,511.24	0.00	7,511.24	5,384.70	7,500.00	2,115.30	71.80%
4610-002 BREAKFAST	3,734.28	0.00	3,734.28	4,318.73	3,000.00	(1,318.73)	143.96%
4610-003 VENDOR'S BOOTHS	0.00	0.00	0.00	1,450.32	0.00	(1,450.32)	0.00%
4610-004 KID'S BOOTHS	1,283.98	0.00	1,283.98	1,450.94	1,200.00	(250.94)	120.91%
4610-005 BANNERS-SPONSORS	5,169.46	0.00	1,451.46	6,382.57	2,000.00	(4,382.57)	319.13%
4610-006 TRANSPORTATION	2,057.44	0.00	2,057.44	3,246.00	2,000.00	(1,246.00)	162.30%
4610-007 SUPPLIES & POSTAGE	15.89	0.00	15.89	1,038.00	250.00	(788.00)	415.20%
4610-008 ADVERTISING/MARKETING	2,924.23	0.00	2,924.23	4,475.51	3,000.00	(1,475.51)	149.18%
4610-009 LITTLE SWISS MISS & MR PAGEANT	92.48	0.00	92.48	108.15	150.00	41.85	72.10%
4610-010 DINNER	4,340.65	0.00	4,340.65	4,591.44	4,000.00	(591.44)	114.79%
4610-011 MISCELLANEOUS	3,419.53	0.00	3,419.53	294.84	0.00	(294.84)	0.00%
4610-012 HANDS ON	86.40	0.00	86.40	30.76	200.00	169.24	15.38%
4610-013 ENTERTAINMENT	11,923.46	0.00	11,923.46	8,099.34	12,000.00	3,900.66	67.49%
4610-015 PARADE	3,008.85	0.00	3,008.85	7,314.06	3,000.00	(4,314.06)	243.80%
4610-016 RENTALS	17,938.15	0.00	17,938.15	18,017.76	18,000.00	(17.76)	100.10%
4610-022 GOLF TOURNAMENT	2,620.57	0.00	2,620.57	3,860.98	2,500.00	(1,360.98)	154.44%
4610-023 MISS SANTA CLARA PAGEANT	4,470.77	0.00	3,465.71	5,971.08	3,500.00	(2,471.08)	170.60%
4610-110 SALARIES & WAGES	5,885.40	692.40	3,462.00	6,577.80	9,001.00	2,423.20	73.08%
4610-131 FICA	459.68	53.60	270.40	511.36	703.00	191.64	72.74%
Total Swiss Days	**76,942.46**	**746.00**	**69,606.72**	**83,124.34**	**72,004.00**	**(11,120.34)**	**115.44%**
Total Parks & Recreation	**1,268,235.74**	**66,040.38**	**989,781.78**	**923,033.52**	**1,904,790.00**	**981,756.48**	**48.46%**
Economic Development							
4652-110 SALARIES & WAGES	13,866.26	2,027.90	8,047.10	17,551.34	20,800.00	3,248.66	84.38%
4652-125 OVERTIME	0.00	0.00	0.00	0.00	450.00	450.00	0.00%
4652-131 FICA	1,044.02	153.06	605.95	1,322.97	1,626.00	303.03	81.36%
4652-132 RETIREMENT	2,429.97	364.41	1,355.17	3,153.97	3,738.00	584.03	84.38%
4652-133 INSURANCE	2,847.44	432.74	1,581.13	3,894.57	5,395.00	1,500.43	72.19%
4652-210 BOOKS, SUBSCRIPT & MEMBERSHIPS	32.01	0.00	32.01	0.00	7,500.00	7,500.00	0.00%
4652-240 OFFICE SUPPLIES	134.69	0.00	134.69	0.00	250.00	250.00	0.00%
4652-360 TRAINING	992.00	0.00	992.00	750.00	1,000.00	250.00	75.00%
4652-370 OTHER PROF SERV	564.00	0.00	564.00	0.00	750.00	750.00	0.00%
4652-416 RAP TAX	30,096.10	0.00	30,096.10	14,500.00	30,000.00	15,500.00	48.33%
4652-417 DONATIONS	1,200.00	0.00	200.00	1,000.00	5,000.00	4,000.00	20.00%
4652-501 YOUTH CITY COUNCIL	0.00	0.00	0.00	0.00	5,000.00	5,000.00	0.00%
4652-601 GENERAL PROMOTION/ADVERTISING	7,262.16	0.00	7,230.15	44,891.09	7,500.00	(37,391.09)	598.55%
Total Economic Development	**60,468.65**	**2,978.11**	**50,838.30**	**87,063.94**	**89,009.00**	**1,945.06**	**97.81%**
Total Expenditures:	**8,525,079.01**	**966,886.74**	**5,757,832.61**	**6,340,968.51**	**9,032,192.00**	**2,691,223.49**	**70.20%**
Total Change In Net Position	**239,219.45**	**(153,564.75)**	**726,199.31**	**613,200.04**	**0.00**	**(613,200.04)**	**0.00%**

City of Santa Clara

Budget Report

42 Special Revenue Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Change In Net Position							
Revenue:							
Intergovernmental Revenue							
3342-000 ARPA REVENUE	54,899.92	0.00	498,078.50	498,078.50	498,079.00	0.50	100.00%
Total Intergovernmental Revenue	54,899.92	0.00	498,078.50	498,078.50	498,079.00	0.50	100.00%
Total Revenue:	54,899.92	0.00	498,078.50	498,078.50	498,079.00	0.50	100.00%
Expenditures:							
Cares Act Expenditures							
4200-250 ARPA EXPENSES	0.00	0.00	0.00	8,668.62	0.00	(8,668.62)	0.00%
4200-730 ARPA CAPITAL IMPROVEMENTS	0.00	72,025.00	0.00	326,376.97	0.00	(326,376.97)	0.00%
4200-740 ARPA CAPITAL EQUIPMENT	54,899.92	0.00	0.00	108,441.88	498,079.00	389,637.12	21.77%
Total Cares Act Expenditures	54,899.92	72,025.00	0.00	443,487.47	498,079.00	54,591.53	89.04%
Total Expenditures:	54,899.92	72,025.00	0.00	443,487.47	498,079.00	54,591.53	89.04%
Total Change In Net Position	0.00	(72,025.00)	498,078.50	54,591.03	0.00	(54,591.03)	0.00%

City of Santa Clara

Budget Report

48 General Impact Fees CIP Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Change In Net Position							
Revenue:							
Interest							
3922-000 STREETS IMPACT - INTEREST	4,338.57	6,147.92	2,219.40	32,748.62	2,000.00	(30,748.62)	1,637.43%
3924-000 PARKS & TRAILS IMPACT-INTEREST	2,499.53	2,419.43	1,329.45	13,187.91	2,000.00	(11,187.91)	659.40%
3925-000 PUBLIC SAFETY IMPACT-INTEREST	2,783.47	3,404.34	1,532.47	18,102.23	1,500.00	(16,602.23)	1,206.82%
Total Interest	**9,621.57**	**11,971.69**	**5,081.32**	**64,038.76**	**5,500.00**	**(58,538.76)**	**1,164.34%**
Miscellaneous Revenue							
3912-000 STREETS IMPACT FEES	423,344.81	54,367.60	255,558.97	449,611.33	377,600.00	(72,011.33)	119.07%
3914-000 PARKS & TRAILS IMPACT FEES	317,567.68	0.00	192,609.68	365,574.80	290,600.00	(74,974.80)	125.80%
3915-000 PUBLIC SAFETY IMPACT FEES	137,364.86	0.00	84,474.86	217,867.29	123,000.00	(94,867.29)	177.13%
Total Miscellaneous Revenue	**878,277.35**	**54,367.60**	**532,643.51**	**1,033,053.42**	**791,200.00**	**(241,853.42)**	**130.57%**
Total Revenue:	**887,898.92**	**66,339.29**	**537,724.83**	**1,097,092.18**	**796,700.00**	**(300,392.18)**	**137.70%**
Expenditures:							
Street Impact Fee							
4100-730 IMPROV OTHER THAN BUILDINGS	1,512.97	0.00	1,512.97	0.00	50,000.00	50,000.00	0.00%
4100-810 PRINCIPAL ON BONDS	88,109.20	0.00	88,109.20	0.00	130,000.00	130,000.00	0.00%
4100-820 INTEREST ON BONDS	26.90	0.00	26.90	0.00	33,689.00	33,689.00	0.00%
4100-940 TRANSFER TO STREETS PTIF	0.00	0.00	0.00	0.00	165,911.00	165,911.00	0.00%
Total Street Impact Fee	**89,649.07**	**0.00**	**89,649.07**	**0.00**	**379,600.00**	**379,600.00**	**0.00%**
Parks & Trails Impact Fee							
4200-320 ENGINEERING SERVICES	544.50	0.00	544.50	0.00	100,000.00	100,000.00	0.00%
4200-730 IMPROV OTHER THAN BUILDINGS	124,880.32	0.00	91,149.34	0.00	100,000.00	100,000.00	0.00%
4200-810 PRINCIPAL ON BONDS	30,000.00	0.00	30,000.00	0.00	25,000.00	25,000.00	0.00%
4200-940 TRANSFER TO PTIF ACCT	0.00	0.00	0.00	0.00	67,600.00	67,600.00	0.00%
Total Parks & Trails Impact Fee	**155,424.82**	**0.00**	**121,693.84**	**0.00**	**292,600.00**	**292,600.00**	**0.00%**
Public Safety Impact Fee							
4300-720 LAND/BUILDINGS	17,001.00	0.00	17,001.00	0.00	0.00	0.00	0.00%
4300-810 PRINCIPAL ON BONDS	20,000.00	0.00	20,000.00	0.00	0.00	0.00	0.00%
4300-940 TRANS TO PUBLIC SAFE IMP PTIF	0.00	0.00	0.00	0.00	124,500.00	124,500.00	0.00%
Total Public Safety Impact Fee	**37,001.00**	**0.00**	**37,001.00**	**0.00**	**124,500.00**	**124,500.00**	**0.00%**
Miscellaneous							
4810-996 TRANS TO STREET IMP PTIF ACCT	(98,000.00)	0.00	0.00	0.00	0.00	0.00	0.00%
Total Miscellaneous	**(98,000.00)**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00%**
Total Expenditures:	**184,074.89**	**0.00**	**248,343.91**	**0.00**	**796,700.00**	**796,700.00**	**0.00%**
Total Change In Net Position	**703,824.03**	**66,339.29**	**289,380.92**	**1,097,092.18**	**0.00**	**(1,097,092.18)**	**0.00%**

City of Santa Clara

Budget Report

49 Capital Projects Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Change In Net Position							
Revenue:							
Contributions & Transfers							
3810-000 TRANSFERS FROM GF	300,000.00	0.00	0.00	0.00	0.00	0.00	0.00%
Total Contributions & Transfers	**300,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00%**
Total Revenue:	**300,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00%**
Total Change In Net Position	**300,000.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00%**

City of Santa Clara

Budget Report

51 Water Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Income or Expense							
Income From Operations:							
Operating Income							
3711-000 METERED WATER SALES	1,939,493.38	130,258.42	1,309,841.07	1,358,977.63	2,052,186.00	693,208.37	66.22%
3712-000 SNOW CANYON WELL NO. 6	0.00	0.00	0.00	0.00	15,000.00	15,000.00	0.00%
3713-000 HYDRANT METER USE	25,368.75	1,460.00	18,415.00	15,212.00	7,000.00	(8,212.00)	217.31%
3714-000 REGIONAL WATER SURCHARGE	(381.68)	425.09	(3,410.23)	(1,716.95)	2,500.00	4,216.95	-68.68%
3722-000 PENALTIES	14,284.34	1,386.42	10,553.23	14,202.44	16,000.00	1,797.56	88.77%
3723-000 CONNECTION FEES	35,973.00	0.00	21,097.00	38,608.00	32,700.00	(5,908.00)	118.07%
3725-000 MISCELLANEOUS	66,594.00	0.00	66,594.00	21,264.48	0.00	(21,264.48)	0.00%
3727-000 SECONDARY WATER CONNECTION FEE	21,597.00	0.00	18,880.00	6,529.00	15,000.00	8,471.00	43.53%
Total Operating Income	**2,102,928.79**	**133,529.93**	**1,441,970.07**	**1,453,076.60**	**2,140,386.00**	**687,309.40**	**67.89%**
Operating Expense							
5110-110 SALARIES & WAGES	425,746.92	35,764.14	302,506.68	338,485.48	458,379.00	119,893.52	73.84%
5110-125 OVERTIME	3,677.35	943.11	1,683.47	10,777.93	3,615.00	(7,162.93)	298.14%
5110-131 FICA	32,176.56	2,752.92	22,778.22	26,321.31	35,342.00	9,020.69	74.48%
5110-132 RETIREMENT	(2,577.50)	6,519.49	61,449.16	61,785.27	81,089.00	19,303.73	76.19%
5110-133 INSURANCE	103,382.15	8,816.08	78,015.54	80,236.09	110,981.00	30,744.91	72.30%
5110-210 SUBSCRIPTIONS & MEMBERSHIPS	750.00	0.00	750.00	1,268.00	2,700.00	1,432.00	46.96%
5110-220 PUBLIC NOTICES	0.00	0.00	0.00	0.00	200.00	200.00	0.00%
5110-230 TRAVEL	0.00	0.00	0.00	0.00	1,000.00	1,000.00	0.00%
5110-240 OFFICE SUPPLIES	220.28	0.00	220.28	187.14	750.00	562.86	24.95%
5110-246 UNIFORMS	1,626.36	0.00	1,626.36	1,911.92	2,500.00	588.08	76.48%
5110-250 OPERATING SUPPLIES	1,960.33	96.01	1,450.06	2,165.85	4,000.00	1,834.15	54.15%
5110-251 FUEL	13,157.90	780.43	8,944.84	11,930.51	9,000.00	(2,930.51)	132.56%
5110-253 REPAIRS & MAINTENANCE	809.99	0.00	809.99	269.80	7,000.00	6,730.20	3.85%
5110-260 BUILDING MAINTENANCE	0.00	0.00	0.00	0.00	1,000.00	1,000.00	0.00%
5110-270 UTILITIES	5,116.80	496.09	3,159.26	5,409.16	6,400.00	990.84	84.52%
5110-271 WELLS UTILITY COSTS	140,888.74	12,609.53	90,327.33	113,934.31	190,000.00	76,065.69	59.97%
5110-275 SNOW CANYON OP COST - ST GEORG	387,354.10	13,094.17	269,292.72	242,544.64	350,000.00	107,455.36	69.30%
5110-276 O & M - WELLS 6 & 7	(151,582.44)	0.00	36,895.98	36,473.13	60,000.00	23,526.87	60.79%
5110-277 WASHINGTON CO CONS DIST WATER	(4,670.25)	0.00	0.00	0.00	0.00	0.00	0.00%
5110-281 CELL PHONES	4,645.79	210.00	3,576.46	2,911.16	5,000.00	2,088.84	58.22%
5110-310 IT SERVICES	3,848.01	0.00	3,848.01	4,664.81	500.00	(4,164.81)	932.96%
5110-320 ENGINEERING SERVICES	7,738.25	1,490.50	1,764.25	53,582.25	70,000.00	16,417.75	76.55%
5110-325 CREDIT/DEBIT CARD FEES	17,439.99	0.00	12,955.99	14,014.80	14,000.00	(14.80)	100.11%
5110-330 LEGAL SERVICES	9,180.00	0.00	9,180.00	2,272.50	3,000.00	727.50	75.75%
5110-340 ACCOUNTING & AUDITING SERVICES	6,775.00	0.00	6,775.00	11,250.00	10,000.00	(1,250.00)	112.50%
5110-350 MEDICAL & DRUG TESTING	0.00	0.00	0.00	0.00	200.00	200.00	0.00%
5110-360 TRAINING	3,035.00	0.00	3,035.00	4,855.73	4,000.00	(855.73)	121.39%
5110-370 PROFESSIONAL SERVICES	0.00	0.00	0.00	0.00	4,000.00	4,000.00	0.00%
5110-411 SIGNS & BARRICADES	121.05	0.00	121.05	0.00	1,000.00	1,000.00	0.00%
5110-414 ROAD MATERIAL & SUPPLIES	2,283.28	0.00	1,820.28	2,294.71	4,000.00	1,705.29	57.37%
5110-460 WATERLINES AND ASSOCIATED PART	18,183.88	(3,430.00)	15,015.18	22,403.80	25,000.00	2,596.20	89.62%
5110-461 WATER METERS	17,428.76	0.00	7,397.16	51,864.35	30,000.00	(21,864.35)	172.88%
5110-469 SCADA MATERIALS & SUPPLIES	2,100.00	0.00	0.00	0.00	10,000.00	10,000.00	0.00%
5110-510 INSURANCE AND SURETY BONDS	23,088.43	0.00	23,088.43	25,000.00	25,000.00	0.00	100.00%
5110-520 BAD DEBT	139.57	0.00	139.57	378.12	1,000.00	621.88	37.81%
5110-590 DEPRECIATION	502,866.63	0.00	0.00	0.00	0.00	0.00	0.00%
5110-730 IMPROVEMENTS	6,081.50	3,600.00	335,756.58	233,915.21	525,000.00	291,084.79	44.56%
5110-740 CAPITAL EQUIPMENT	884.88	0.00	107,405.93	89,669.26	51,000.00	(38,669.26)	175.82%
5110-750 LAND EASEMENTS & RIGHT OF WAYS	1,088.00	0.00	1,088.00	1,230.47	2,000.00	769.53	61.52%
5110-751 SECONDARY WATER SHARES	13,837.25	0.00	2,300.00	0.00	12,500.00	12,500.00	0.00%
5110-825 LEASE PAYMENTS	1,776.76	0.00	1,776.76	0.00	15,000.00	15,000.00	0.00%
5110-830 FISCAL AGENT FEES	8,500.00	0.00	6,000.00	5,400.00	6,000.00	600.00	90.00%
5110-918 TRANSFER TO PUBLIC SERV SHOPS	101,631.00	6,324.00	76,223.25	56,916.00	69,192.00	12,276.00	82.26%
Total Operating Expense	**1,710,710.32**	**90,066.47**	**1,499,176.79**	**1,516,323.71**	**2,211,348.00**	**695,024.29**	**68.57%**
Total Income From Operations:	**392,218.47**	**43,463.46**	**(57,206.72)**	**(63,247.11)**	**(70,962.00)**	**(7,714.89)**	**89.13%**
Non-Operating Items:							
Non-Operating Income							
3721-000 INTEREST EARNINGS	2,499.06	0.00	1,510.17	598.71	4,000.00	3,401.29	14.97%
3729-000 WATER IMPACT FEES	231,623.84	0.00	139,521.84	246,981.00	197,300.00	(49,681.00)	125.18%
3731-000 WATER IMPACT INTEREST	1,656.83	2,851.24	1,166.33	13,549.62	7,500.00	(6,049.62)	180.66%
3750-000 CAPITAL CONTRIBUTIONS-SUBDIVID	360,318.79	0.00	0.00	0.00	0.00	0.00	0.00%
3781-000 FUND BALANCE TO BE APPROPRIATE	0.00	0.00	0.00	0.00	285,341.00	285,341.00	0.00%

City of Santa Clara

Budget Report

51 Water Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Total Non-Operating Income	**596,098.52**	**2,851.24**	**142,198.34**	**261,129.33**	**494,141.00**	**233,011.67**	**52.85%**
Non-Operating Expense							
5110-810 PRINCIPAL ON BONDS	0.00	0.00	169,000.00	0.00	302,000.00	302,000.00	0.00%
5110-820 INTEREST ON BONDS	80,162.82	0.00	76,797.52	0.00	66,179.00	66,179.00	0.00%
5110-822 DEBT PAYMENT TO WATER DISTRICT	54,142.87	4,509.02	40,612.99	40,585.88	55,000.00	14,414.12	73.79%
5110-910 TRANSFER TO GENERAL FUND	98,000.00	0.00	0.00	0.00	0.00	0.00	0.00%
Total Non-Operating Expense	**232,305.69**	**4,509.02**	**286,410.51**	**40,585.88**	**423,179.00**	**382,593.12**	**9.59%**
Total Non-Operating Items:	**363,792.83**	**(1,657.78)**	**(144,212.17)**	**220,543.45**	**70,962.00**	**(149,581.45)**	**310.79%**
Total Income or Expense	**756,011.30**	**41,805.68**	**(201,418.89)**	**157,296.34**	**0.00**	**(157,296.34)**	**0.00%**

City of Santa Clara

Budget Report

52 Sewer Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Income or Expense							
Income From Operations:							
Operating Income							
3720-000 SEWER FEES	836,580.29	76,597.09	624,046.49	681,336.15	856,440.00	175,103.85	79.55%
3722-000 PENALTIES	9,353.00	924.00	7,310.00	10,156.00	6,000.00	(4,156.00)	169.27%
3725-000 MISCELLANEOUS	58,565.77	577.00	48,908.77	46,780.00	60,000.00	13,220.00	77.97%
Total Operating Income	**904,499.06**	**78,098.09**	**680,265.26**	**738,272.15**	**922,440.00**	**184,167.85**	**80.03%**
Operating Expense							
5210-110 SALARIES & WAGES	123,671.58	11,312.98	89,650.26	103,468.04	105,784.00	2,315.96	97.81%
5210-125 OVERTIME	719.21	317.75	595.49	3,834.47	884.00	(2,950.47)	433.76%
5210-131 FICA	9,394.10	873.08	6,766.82	8,052.71	8,160.00	107.29	98.69%
5210-132 RETIREMENT	(787.29)	2,041.50	15,950.71	18,624.38	18,129.00	(495.38)	102.73%
5210-133 INSURANCE	31,254.62	2,751.12	23,717.92	24,933.95	24,112.00	(821.95)	103.41%
5210-240 OFFICE SUPPLIES	0.00	0.00	0.00	92.82	500.00	407.18	18.56%
5210-246 UNIFORMS	1,983.27	0.00	1,983.27	189.97	2,500.00	2,310.03	7.60%
5210-250 OPERATING SUPPLIES	1,104.11	0.00	812.84	833.51	2,500.00	1,666.49	33.34%
5210-251 FUEL	1,564.60	478.49	1,052.77	3,980.16	2,500.00	(1,480.16)	159.21%
5210-253 REPAIRS & MAINTENANCE	7,591.39	0.00	7,591.39	7,760.50	20,000.00	12,239.50	38.80%
5210-260 BUILDING MAINTENANCE	0.00	0.00	0.00	0.00	2,700.00	2,700.00	0.00%
5210-270 UTILITIES	0.00	0.00	0.00	0.00	1,000.00	1,000.00	0.00%
5210-320 ENGINEERING SERVICES	3,726.25	1,249.50	450.00	1,609.50	25,000.00	23,390.50	6.44%
5210-325 CREDIT/DEBIT CARD FEES	6,743.45	0.00	4,626.95	4,542.50	5,000.00	457.50	90.85%
5210-330 LEGAL SERVICES	112.50	0.00	112.50	0.00	500.00	500.00	0.00%
5210-340 ACCOUNTING & AUDITING SERVICES	2,900.00	0.00	2,900.00	5,930.00	6,000.00	70.00	98.83%
5210-360 TRAINING	50.00	0.00	50.00	3,090.00	1,800.00	(1,290.00)	171.67%
5210-370 PROFESSIONAL SERVICES	41,989.22	0.00	41,989.22	29,959.50	30,000.00	40.50	99.87%
5210-464 SEWER MATERIALS & SUPPLIES	2,511.64	0.00	584.70	2,512.38	5,000.00	2,487.62	50.25%
5210-510 INSURANCE AND SURETY BONDS	13,104.84	0.00	13,104.84	15,000.00	15,000.00	0.00	100.00%
5210-520 BAD DEBT	12.45	0.00	12.45	83.10	100.00	16.90	83.10%
5210-590 DEPRECIATION EXPENSE	112,474.27	0.00	0.00	0.00	0.00	0.00	0.00%
5210-730 IMPROVEMENTS	6,902.50	0.00	6,902.50	0.00	42,000.00	42,000.00	0.00%
5210-740 CAPITAL EQUIPMENT	0.00	0.00	36,838.42	2,609.71	0.00	(2,609.71)	0.00%
5210-790 OTHER	0.00	0.00	0.00	(3,410.00)	0.00	3,410.00	0.00%
5210-825 LEASE PAYMENTS	7,898.07	0.00	7,898.07	4,403.32	88,335.00	83,931.68	4.98%
5210-918 TRANSFER TO PUBLIC SERV SHOPS	55,968.96	3,061.00	41,976.72	27,549.00	40,766.00	13,217.00	67.58%
5210-945 SEWER TREATMENT - ST. GEORGE	390,011.00	0.00	258,405.00	294,922.10	420,900.00	125,977.90	70.07%
Total Operating Expense	**820,900.74**	**22,085.42**	**563,972.84**	**560,571.62**	**869,170.00**	**308,598.38**	**64.50%**
Total Income From Operations:	**83,598.32**	**56,012.67**	**116,292.42**	**177,700.53**	**53,270.00**	**(124,430.53)**	**333.58%**
Non-Operating Items:							
Non-Operating Income							
3729-000 SEWER IMPACT FEES	39,662.26	822.48	24,242.03	77,511.02	67,900.00	(9,611.02)	114.15%
3731-000 SEWER IMPACT INTEREST	1,013.30	1,217.74	565.21	6,514.00	1,500.00	(5,014.00)	434.27%
3750-000 CAPITAL CONTRIBUTIONS-SUBDIVID	360,318.79	0.00	0.00	0.00	0.00	0.00	0.00%
Total Non-Operating Income	**400,994.35**	**2,040.22**	**24,807.24**	**84,025.02**	**69,400.00**	**(14,625.02)**	**121.07%**
Non-Operating Expense							
5210-976 TRANSFER TO FUND BALANCE	0.00	0.00	0.00	0.00	122,670.00	122,670.00	0.00%
Total Non-Operating Expense	**0.00**	**0.00**	**0.00**	**0.00**	**122,670.00**	**122,670.00**	**0.00%**
Total Non-Operating Items:	**400,994.35**	**2,040.22**	**24,807.24**	**84,025.02**	**(53,270.00)**	**(137,295.02)**	**-157.73%**
Total Income or Expense	**484,592.67**	**58,052.89**	**141,099.66**	**261,725.55**	**0.00**	**(261,725.55)**	**0.00%**

City of Santa Clara

Budget Report

53 Electric Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Income or Expense							
Income From Operations:							
Operating Income							
3709-000 TURN ON FEES	350.00	0.00	250.00	350.00	1,500.00	1,150.00	23.33%
3711-000 POWER SALES - RESIDENTIAL	4,075,351.17	246,819.37	2,884,985.35	3,110,443.68	3,959,022.00	848,578.32	78.57%
3712-000 POWER SALES - COMMERCIAL	842,581.33	66,004.10	626,625.25	747,715.83	828,570.00	80,854.17	90.24%
3713-000 POWER COST ADJUSTMENT	265,773.76	237,760.26	56,370.94	1,514,757.97	700,000.00	(814,757.97)	216.39%
3714-000 SERVICE CHARGE	704,532.74	61,871.70	495,474.16	502,602.60	751,440.00	248,837.40	66.89%
3715-000 POLE USE FEES	4,236.00	0.00	0.00	4,586.00	4,284.00	(302.00)	107.05%
3716-000 FEE - SERVICES & MATERIALS	902,466.39	202,266.49	902,466.39	611,112.52	0.00	(611,112.52)	0.00%
3722-000 PENALTIES	41,783.50	4,310.00	32,246.50	47,390.00	32,000.00	(15,390.00)	148.09%
3723-000 CONNECTION FEES	59,587.00	4,796.00	33,156.50	69,919.92	55,218.00	(14,701.92)	126.63%
3724-000 GAIN/LOSS DISPOSAL OF ASSETS	20,000.00	0.00	20,000.00	0.00	0.00	0.00	0.00%
3725-000 MISCELLANEOUS	22,642.49	1,674.56	16,497.32	26,332.87	5,000.00	(21,332.87)	526.66%
3727-000 UAMPS TRAVEL REIMBURSEMENT	0.00	4,325.40	0.00	16,479.25	2,500.00	(13,979.25)	659.17%
3728-000 UAMPS VEYO PLANT CONTRACT	96,045.21	6,406.25	71,420.21	42,806.25	95,000.00	52,193.75	45.06%
Total Operating Income	**7,035,349.59**	**836,234.13**	**5,139,492.62**	**6,694,496.89**	**6,434,534.00**	**(259,962.89)**	**104.04%**
Operating Expense							
5310-110 SALARIES & WAGES	642,602.48	56,384.85	449,446.45	493,301.14	715,461.00	222,159.86	68.95%
5310-125 OVERTIME	7,140.86	276.05	2,369.45	23,429.08	3,726.00	(19,703.08)	628.80%
5310-131 FICA	48,105.50	4,232.01	33,694.04	38,582.24	55,018.00	16,435.76	70.13%
5310-132 RETIREMENT	(8,896.14)	10,420.33	83,228.72	93,606.34	127,951.00	34,344.66	73.16%
5310-133 INSURANCE	134,270.13	13,364.77	98,428.07	112,229.68	168,944.00	56,714.32	66.43%
5310-210 SUBSCRIPTIONS & MEMBERSHIPS	690.08	148.50	503.78	4,024.75	500.00	(3,524.75)	804.95%
5310-220 PUBLIC NOTICES	0.00	0.00	0.00	37.21	300.00	262.79	12.40%
5310-230 TRAVEL	17,870.89	0.00	14,996.52	5,854.82	16,000.00	10,145.18	36.59%
5310-240 OFFICE SUPPLIES	2,411.96	0.00	2,411.96	1,429.63	5,000.00	3,570.37	28.59%
5310-246 UNIFORMS	4,161.92	0.00	4,161.92	3,436.87	5,000.00	1,563.13	68.74%
5310-249 SAFETY EQUIPMENT	5,586.54	172.50	4,792.54	3,811.19	4,000.00	188.81	95.28%
5310-250 OPERATING SUPPLIES	10,345.96	182.28	9,394.46	11,431.66	10,000.00	(1,431.66)	114.32%
5310-251 FUEL	9,600.79	800.54	7,398.09	8,970.19	7,500.00	(1,470.19)	119.60%
5310-252 SUPPLIES & METERS	9,185.28	(1,200.00)	9,185.28	19,846.72	50,000.00	30,153.28	39.69%
5310-253 REPAIRS & MAINTENANCE	33,911.55	(1,540.64)	33,804.92	11,482.31	20,000.00	8,517.69	57.41%
5310-254 NEW SUBDIVISION EXPENSES	0.00	39,104.00	619,342.57	412,855.96	0.00	(412,855.96)	0.00%
5310-260 BUILDING MAINTENANCE	2,292.57	0.00	1,882.99	3,419.54	4,000.00	580.46	85.49%
5310-270 UTILITIES - Generator Plant	16,106.83	6,756.88	12,112.34	45,444.39	20,000.00	(25,444.39)	227.22%
5310-271 UTILITIES - STREETSCAPE	6,574.58	760.99	4,649.97	6,150.27	5,500.00	(650.27)	111.82%
5310-281 CELL PHONES	9,515.67	35.00	7,690.82	4,633.08	9,000.00	4,366.92	51.48%
5310-310 IT SERVICES	0.00	1,094.79	0.00	1,094.79	4,000.00	2,905.21	27.37%
5310-320 ENGINEERING SERVICES	65,261.00	13,746.65	21,056.00	13,746.65	25,000.00	11,253.35	54.99%
5310-325 CREDIT/DEBIT CARD FEES	18,883.01	0.00	12,956.01	12,534.70	14,000.00	1,465.30	89.53%
5310-330 LEGAL SERVICES	1,950.00	0.00	1,950.00	3,262.50	3,000.00	(262.50)	108.75%
5310-340 ACCOUNTING & AUDITING SERVICES	6,775.00	0.00	6,775.00	9,250.00	8,000.00	(1,250.00)	115.63%
5310-350 MEDICAL & DRUG TESTING	468.00	0.00	389.00	470.00	300.00	(170.00)	156.67%
5310-360 TRAINING	3,378.79	350.00	3,378.79	7,295.39	7,000.00	(295.39)	104.22%
5310-370 PROFESSIONAL SERVICES	26,764.85	0.00	26,764.85	3,225.14	5,000.00	1,774.86	64.50%
5310-466 POWER LINES/POLES/ASSOC PARTS	32,352.73	19,165.00	56,977.79	141,252.79	80,000.00	(61,252.79)	176.57%
5310-469 SCADA MATERIALS & SUPPLIES	2,100.00	0.00	0.00	312.00	10,000.00	9,688.00	3.12%
5310-510 INSURANCE AND SURETY BONDS	30,733.21	0.00	30,733.21	35,101.06	35,000.00	(101.06)	100.29%
5310-520 BAD DEBT	123.41	0.00	123.41	535.34	0.00	(535.34)	0.00%
5310-590 DEPRECIATION	584,606.84	0.00	0.00	0.00	0.00	0.00	0.00%
5310-610 GENERATOR FUEL	50,332.50	670.96	48,311.25	313,031.29	125,000.00	(188,031.29)	250.43%
5310-630 O & M GENERATORS	175,564.44	0.00	15,621.84	132,649.72	40,000.00	(92,649.72)	331.62%
5310-730 IMPROVEMENTS	6,079.94	0.00	84,668.00	78,398.21	90,675.00	12,276.79	86.46%
5310-740 CAPITAL EQUIPMENT	3,208.16	0.00	86,147.45	162,059.72	222,500.00	60,440.28	72.84%
5310-750 LAND EASEMENTS & RIGHT OF WAYS	1,481.04	0.00	1,481.04	1,230.46	1,500.00	269.54	82.03%
5310-825 LEASE PAYMENTS	1,776.74	0.00	1,776.74	0.00	2,000.00	2,000.00	0.00%
5310-830 FISCAL AGENT FEES	33,250.00	0.00	33,250.00	1,750.00	3,500.00	1,750.00	50.00%
5310-918 TRANSFER TO PUBLIC SERV SHOPS	62,256.00	6,428.00	46,692.00	57,852.00	62,717.00	4,865.00	92.24%
5310-930 FRANCHISE FEE TO GENERAL FUND	356,896.37	0.00	245,821.21	320,919.60	400,000.00	79,080.40	80.23%
5310-950 POWER PURCHASE - UAMPS	2,910,500.73	0.00	2,081,094.49	3,521,450.03	2,500,000.00	(1,021,450.03)	140.86%
5310-951 POWER OWNERSHIP COSTS -UAMPS	1,406,625.02	0.00	1,035,438.65	951,633.91	1,300,000.00	348,366.09	73.20%
5310-952 LINE ITEM EXPENSES - UAMPS	(11,691.60)	0.00	8,221.32	(228,292.12)	150,000.00	378,292.12	-152.19%
Total Operating Expense	**6,721,153.63**	**171,353.46**	**5,249,122.94**	**6,844,740.25**	**6,317,092.00**	**(527,648.25)**	**108.35%**
Total Income From Operations:	**314,195.96**	**664,880.67**	**(109,630.32)**	**(150,243.36)**	**117,442.00**	**267,685.36**	**-127.93%**
Non-Operating Items:							

City of Santa Clara

Budget Report

53 Electric Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Non-Operating Income							
3721-000 INTEREST EARNINGS	14,444.98	0.00	7,361.78	17,974.89	2,500.00	(15,474.89)	719.00%
3729-000 ELECTRICAL IMPACT FEES	446,670.28	6,104.16	281,927.78	727,692.30	438,100.00	(289,592.30)	166.10%
3731-000 ELECTRIC IMPACT INTEREST	10,762.18	9,798.87	5,988.45	55,051.40	12,000.00	(43,051.40)	458.76%
3750-000 CAPITAL CONTRIBUTIONS-SUBDIVIS	360,318.79	0.00	0.00	0.00	0.00	0.00	0.00%
Total Non-Operating Income	**832,196.23**	**15,903.03**	**295,278.01**	**800,718.59**	**452,600.00**	**(348,118.59)**	**176.92%**
Non-Operating Expense							
5310-810 PRINCIPAL ON BONDS	0.00	0.00	0.00	0.00	412,000.00	412,000.00	0.00%
5310-820 INTEREST ON BONDS	54,492.12	0.00	54,492.12	45,413.40	87,890.00	42,476.60	51.67%
5310-976 TRANSFER TO FUND BALANCE	0.00	0.00	0.00	0.00	70,152.00	70,152.00	0.00%
Total Non-Operating Expense	**54,492.12**	**0.00**	**54,492.12**	**45,413.40**	**570,042.00**	**524,628.60**	**7.97%**
Total Non-Operating Items:	**777,704.11**	**15,903.03**	**240,785.89**	**755,305.19**	**(117,442.00)**	**(872,747.19)**	**-643.13%**
Total Income or Expense	**1,091,900.07**	**680,783.70**	**131,155.57**	**605,061.83**	**0.00**	**(605,061.83)**	**0.00%**

City of Santa Clara

Budget Report

54 Storm Water Fund - 07/01/2022 to 03/31/2023

75.00% of the fiscal year has expired

	Prior Year-End Actual	March Actual	Prior YTD Actual	Current YTD Actual	Current Year Budget	Unearned/ Unused	% Earned/ Used
Income or Expense							
Income From Operations:							
Operating Income							
3714-000 SURCHARGE FEE	538,904.72	47,645.21	402,052.61	420,414.31	513,078.00	92,663.69	81.94%
3720-000 STORM WATER FEES	23,550.00	750.00	14,600.00	26,300.00	17,500.00	(8,800.00)	150.29%
3722-000 PENALTIES	2,237.00	231.00	1,726.00	2,539.00	2,600.00	61.00	97.65%
Total Operating Income	**564,691.72**	**48,626.21**	**418,378.61**	**449,253.31**	**533,178.00**	**83,924.69**	**84.26%**
Operating Expense							
5410-110 SALARIES & WAGES	136,863.44	11,440.22	96,240.07	105,674.26	127,545.00	21,870.74	82.85%
5410-125 OVERTIME	582.71	266.28	468.39	3,946.63	1,142.00	(2,804.63)	345.59%
5410-131 FICA	10,206.31	878.31	7,267.33	8,229.31	9,845.00	1,615.69	83.59%
5410-132 RETIREMENT	(1,664.79)	2,068.49	15,909.96	18,931.39	20,823.00	1,891.61	90.92%
5410-133 INSURANCE	33,955.67	3,119.83	25,715.08	27,470.50	30,691.00	3,220.50	89.51%
5410-210 SUBSCRIPTIONS & MEMBERSHIPS	1,250.00	0.00	1,250.00	1,385.15	1,400.00	14.85	98.94%
5410-230 TRAVEL	0.00	0.00	0.00	0.00	1,500.00	1,500.00	0.00%
5410-240 OFFICE SUPPLIES	0.00	0.00	0.00	425.16	500.00	74.84	85.03%
5410-246 UNIFORMS	899.41	0.00	899.41	269.95	2,500.00	2,230.05	10.80%
5410-250 OPERATING SUPPLIES	314.61	0.00	314.61	863.74	4,000.00	3,136.26	21.59%
5410-251 FUEL	7,388.05	131.57	5,723.10	6,724.30	7,000.00	275.70	96.06%
5410-253 REPAIRS & MAINTENANCE	4,892.97	0.00	4,892.97	4,803.22	8,000.00	3,196.78	60.04%
5410-281 CELL PHONE	745.14	0.00	625.11	280.07	0.00	(280.07)	0.00%
5410-320 ENGINEERING SERVICES	1,460.00	0.00	1,400.00	13,021.00	45,000.00	31,979.00	28.94%
5410-325 CREDIT/DEBIT CARD FEES	4,045.87	0.00	2,776.37	2,763.00	3,000.00	237.00	92.10%
5410-330 LEGAL SERVICES	0.00	0.00	0.00	0.00	1,000.00	1,000.00	0.00%
5410-340 ACCOUNTING & AUDITING SERVICES	2,900.00	0.00	2,900.00	5,300.00	5,000.00	(300.00)	106.00%
5410-350 MEDICAL & DRUG TESTING	0.00	0.00	0.00	0.00	200.00	200.00	0.00%
5410-360 TRAINING	200.00	0.00	200.00	0.00	1,500.00	1,500.00	0.00%
5410-415 STORM DRAIN CLEANING	2,279.67	0.00	2,279.67	5,149.08	7,500.00	2,350.92	68.65%
5410-510 INSURANCE AND SURETY BONDS	8,182.87	0.00	8,182.87	12,500.00	12,500.00	0.00	100.00%
5410-520 BAD DEBT	10.85	0.00	10.85	55.89	100.00	44.11	55.89%
5410-590 DEPRECIATION	179,535.34	0.00	0.00	0.00	0.00	0.00	0.00%
5410-730 IMPROVEMENTS	21,656.00	20,700.00	21,656.00	21,702.00	200,000.00	178,298.00	10.85%
5410-740 CAPITAL EQUIPMENT	0.00	0.00	185,710.92	0.00	0.00	0.00	0.00%
5410-770 FLOOD CONTROL DIST. SURCHARGE	53,850.00	4,773.00	31,117.50	37,390.50	54,900.00	17,509.50	68.11%
5410-825 LEASE PAYMENTS	1,776.76	0.00	1,776.76	0.00	0.00	0.00	0.00%
5410-830 FISCAL AGENT FEES	0.00	0.00	0.00	600.00	0.00	(600.00)	0.00%
5410-918 TRANSFER TO PUBLIC SERV SHOPS	25,694.04	1,840.00	19,270.53	16,560.00	19,819.00	3,259.00	83.56%
Total Operating Expense	**497,024.92**	**45,217.70**	**436,587.50**	**294,045.15**	**565,465.00**	**271,419.85**	**52.00%**
Total Income From Operations:	**67,666.80**	**3,408.51**	**(18,208.89)**	**155,208.16**	**(32,287.00)**	**(187,495.16)**	**-480.71%**
Non-Operating Items:							
Non-Operating Income							
3721-000 INTEREST EARNINGS	479.99	0.00	289.97	114.63	1,500.00	1,385.37	7.64%
3729-000 STORM WATER IMPACT FEES	57,412.07	0.00	35,146.24	85,817.60	51,781.00	(34,036.60)	165.73%
3731-000 STORM WATER IMPACT INTEREST	1,245.42	1,313.25	716.62	7,006.72	1,500.00	(5,506.72)	467.11%
3750-000 CAPITAL CONTRIBUTIONS - SUB	360,318.79	0.00	0.00	0.00	0.00	0.00	0.00%
3781-000 APPROPRIATED FUND BALANCE	0.00	0.00	0.00	0.00	115,751.00	115,751.00	0.00%
Total Non-Operating Income	**419,456.27**	**1,313.25**	**36,152.83**	**92,938.95**	**170,532.00**	**77,593.05**	**54.50%**
Non-Operating Expense							
5410-810 PRINCIPAL ON BONDS	0.00	0.00	30,000.00	0.00	122,000.00	122,000.00	0.00%
5410-820 INTEREST ON BONDS	15,498.35	0.00	14,056.08	0.00	16,245.00	16,245.00	0.00%
5410-910 TRANSFERS TO GENERAL FUND	30,000.00	0.00	0.00	0.00	0.00	0.00	0.00%
Total Non-Operating Expense	**45,498.35**	**0.00**	**44,056.08**	**0.00**	**138,245.00**	**138,245.00**	**0.00%**
Total Non-Operating Items:	**373,957.92**	**1,313.25**	**(7,903.25)**	**92,938.95**	**32,287.00**	**(60,651.95)**	**287.85%**
Total Income or Expense	**441,624.72**	**4,721.76**	**(26,112.14)**	**248,147.11**	**0.00**	**(248,147.11)**	**0.00%**

Mayor
Rick Rosenberg

City Manager
Brock Jacobsen

CITY OF SANTA CLARA
FOUNDED 1854

CITY COUNCIL

City Council
Denny Drake
Leina Mathis
Ben Shakespeare
Jarett Waite
Christa Hinton

Meeting Date: April 19, 2023 **Agenda Item: 6**

Applicant: Santa Clara City

Requested by: Robert Smith

Subject: Deserts Edge Project Plan & Entitlement Discussion

Description:

Robert Smith (Oakwood Homes) has requested the opportunity to speak with the City Council regarding possible changes to the overall Project Plan. The Council will recall that the property entitlement included
240 units on the property. This included 120 townhome units to be used as short-term rentals. This also included 120 affordable apartment units to be rented at 30% to 80% of AMI with Utah Housing Assistance. Robert has not filed an application as he wanted to come discuss his ideas with the Council.
A copy of an updated Project Narrative, Site Plan drawings and City Ordinance #2021-13 has been attached for your review.

Recommendation:

Attachments: **Yes**

Cost: N/A

Legal Approval:

Finance Approval: N/A

Budget Approval: N/A

2603 Santa Clara Drive, Santa Clara, Utah 84765
Phone (435) 673-6712 Fax (435) 628-7338

Deserts Edge Narrative

3-20-23

Project Summary

- The subdivision will be built in 6 phases, each phase will have it's own plat.
- Total Units 192 units (132 townhomes and 60 apartments)
- Site area = 19.091 acres
- Density = 10.06 units per acre
- Total Open Space = 8.34 acres (43.69%)
- The number of parking spaces provided will be 654, of which 149 are for specifically for the apartments, of which 67 of those will be covered parking.
- Landscaping will be done primarily as desert scape, using low water emitters, that meet the city requirements. Very few turf areas will be installed.
- It is intended that there will be perimeter fencing along the north end of the project as well as down Hamblin Parkway. An open rail fence is planned along North Town Rd and the section of 400 E that runs along the apartment project.

Quail Crossing apartments as previously approved by city council in 2022 is no longer feasible. Funding for the Quail Crossing project has always been planned to come from Utah Housing Corp. through the issuing of tax credits. At the time of our city approvals there was great inflation in construction pricing. Engineering and design of the project was not yet completed, and our best estimates were made to determine the construction costs. Upon completion of design the project was bid by multiple reputable commercial contractors, and it was determined that the funding from Utah Housing Corp. would not be sufficient making the project unfeasible. In speaking with the state about the shortfall in funding it was discovered that many developers that were awarded tax credits at the same time as our project, expressed similar comments and returned their tax credits to the state. We were all told to reapply next year, 2023, in hopes the amount of funds the state was willing to allocate to affordable housing would increase. It is now known that in fact more tax credits have been allocated by the state for projects such as this, but that the additional funds will still not be enough to fully fund the project. Millions of additional dollars in private funds will still be needed in order to complete the project. It is still my desire to provide that additional funding and especially this affordable housing product and help fill growing need that exists in Santa Clara.

The subdivision will officially be known as Deserts Edge and will have two sub areas more formally known as 1. Coyote Landing at Deserts Edge, which will consist of townhomes and 2. Quail Crossing at Deserts Edge, which will consist of apartment units.

The Quail Crossing apartments will be a mix of 1-bedroom units with 703 sf, 2-bedroom units between 784 - 1000- sf, and the 3-bedroom units at 1170 sf.

Quail Crossing at Deserts Edge will provide 60 apartments for families earning 25%, 35%, 45%, and 50% of the Adjusted Median Income (AMI) The project plans to provides 60 units below the county's adjusted median income (36 at 45% and 12 at 50%) The project also plans to provides 12 lower AMI Units (7 at 35% and 5 at 25%). Onsite amenities include in-unit laundry hookups, covered parking, if required, community raised garden bed, play ground, possibly additional pickleball courts, computer room, as well as close access (within 1/3 mile) of a public park. Each unit comes equipped with ample storage, including a coat or linen closet and laundry room. The project will feature 8 units (13.3%)

targeted specifically for individuals with mobility impairments (ADA accessible) and 5 units (8.3%) targeted specifically for the homeless (25% AMI) and operated under a services agreement with the St George Housing Authority.

For those individuals that don't qualify for affordable housing, but still want to live in Santa Clara, the townhomes will be an excellent option for them. The townhomes are zoned with a nightly rental overlay so homeowners will have the option to rent those out on a short-term basis if they choose. The townhomes will range from 3-bedroom homes between 1735 sf to 1973 sf and a 4 bedroom home which is 2085 sf.

My intent and goal is to build a family friendly community that will complement and add to the surrounding communities. I want Deserts Edge to be a place that both the city of Santa Clara as well as residents of the community will be proud of.

I plan to provide excellent amenities for all who live at Deserts Edge to enjoy. Planned amenities include a clubhouse, splash pad or water toy feature and or water slide, and spa, pickleball and tennis courts. The amenities provided will be part of an HOA and will really set this development apart from any other development in the area. The HOA will provide landscape and pool maintenance as well as maintenance for all common areas. For those that choose to call Deserts Edge home I believe many will have never had access to such great, well cared, amenities as they will now.

PADRE LAKES SUBDIVISION (IVINS CITY)

Coyote Landing
RV / Boat
Storage Area
12x45'

400 East

Future Hamblin Prkwy. per City Roads Master Plan

Tennis Courts

Pickleball

Club House

Pickleball

Community
Garden

Fire Lane

Trash

Trash

Bikes

Play

Detention
Basin

North Town Rd.

SITE SUMMARY

SITE AREA = 19.091 ACRES
TOTAL DWELLING UNITS = 192 UNITS
DENSITY = 10.06 UNITS PER ACRE
TOTAL OPEN SPACE = 8.34 ACRES (43.69%)

FRONT LOAD TOWNHOMES	38 UNITS
REAR LOAD TOWNHOMES	94 UNITS
APARTMENTS	60 UNITS
TOTAL UNITS	192 UNITS

Think
Architecture

March 17, 2023

0 50 100 150

Concept Plan

Deserts Edge, Santa Clara, Utah

City of Ivins

Coyote Landing
RV / Boat
Storage Area
12x45'

400 East

Tennis Courts

Pickleball

Club House

Future Hamblin Prkwy. per City Roads Master Plan

Community
Garden

Pickleball

Fire Lane

Trash

Trash

Bikes

Play

Detention
Basin

North Town Rd.

FENCING SUMMARY

Solid Wall - See detail 1

Open Railing Fence - See detail 2

Think
Architecture

March 17, 2023

0 25 50 100 150

Fencing Plan

Deserts Edge, Santa Clara, Utah

City of Ivins

PADRE LAKES SUBDIVISION (IVINS CITY)

Coyote Landing
RV / Boat
Storage Area
12x45'

400 East

Future Hamblin Prkwy. per City Roads Master Plan

Tennis Courts

Pickleball

Club House

Community
Garden

Pickleball

Fire Lane

Trash

Trash

Bikes

Play

Detention
Basin

North Town Rd.

OPEN SPACE SUMMARY

TOTAL SITE AREA	19.091 ACRES
TURF AREA	0.52 ACRES
PLANTER/XERISCAPE	5.20 ACRES
AMENITIES	1.36 ACRES
WALKWAYS	1.26 ACRES
TOTAL OPEN SPACE	8.34 ACRES
	(43.69%)

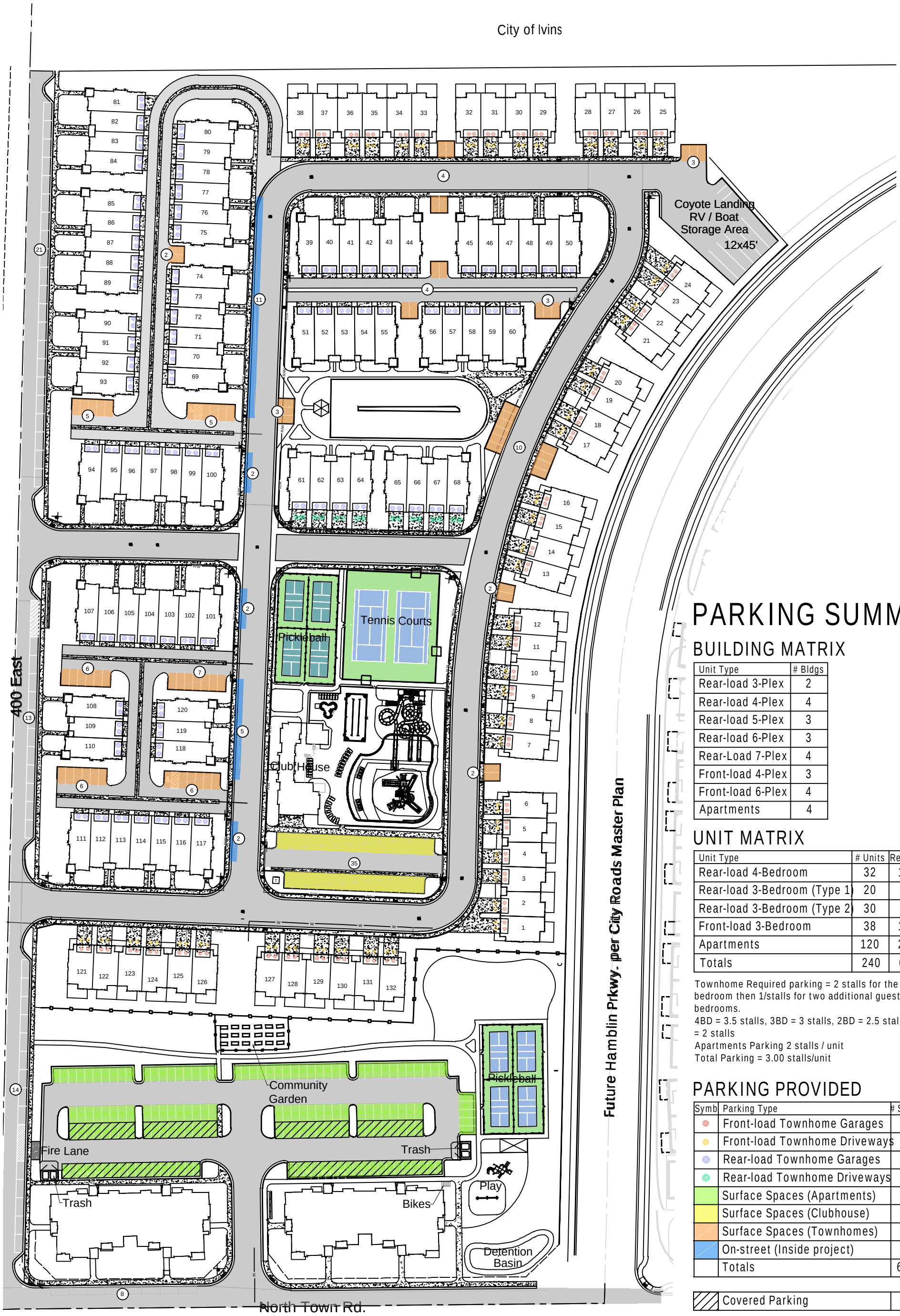
Think
Architecture

March 17, 2023

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Open Space Plan

Deserts Edge, Santa Clara, Utah



PARKING SUMMARY

BUILDING MATRIX

Unit Type	# Bldgs
Rear-load 3-Plex	2
Rear-load 4-Plex	4
Rear-load 5-Plex	3
Rear-load 6-Plex	3
Rear-Load 7-Plex	4
Front-load 4-Plex	3
Front-load 6-Plex	4
Apartments	4

UNIT MATRIX

Unit Type	# Units	Req Pkg
Rear-load 4-Bedroom	32	112
Rear-load 3-Bedroom (Type 1)	20	60
Rear-load 3-Bedroom (Type 2)	30	90
Front-load 3-Bedroom	38	114
Apartments	120	240
Totals	240	619

Townhome Required parking = 2 stalls for the first bedroom then 1/stalls for two additional guest bedrooms.
4BD = 3.5 stalls, 3BD = 3 stalls, 2BD = 2.5 stalls, 1BD = 2 stalls
Apartments Parking 2 stalls / unit
Total Parking = 3.00 stalls/unit

PARKING PROVIDED

Symb	Parking Type	# Spaces
	Front-load Townhome Garages	100
	Front-load Townhome Driveways	100
	Rear-load Townhome Garages	164
	Rear-load Townhome Driveways	16
	Surface Spaces (Apartments)	149
	Surface Spaces (Clubhouse)	35
	Surface Spaces (Townhomes)	68
	On-street (Inside project)	22
	Totals	654*

	Covered Parking	67

* Total does not include an additional 50 parking spaces along 400 East and approx. 22 spaces on North Town Road.

(#) Parking stall count

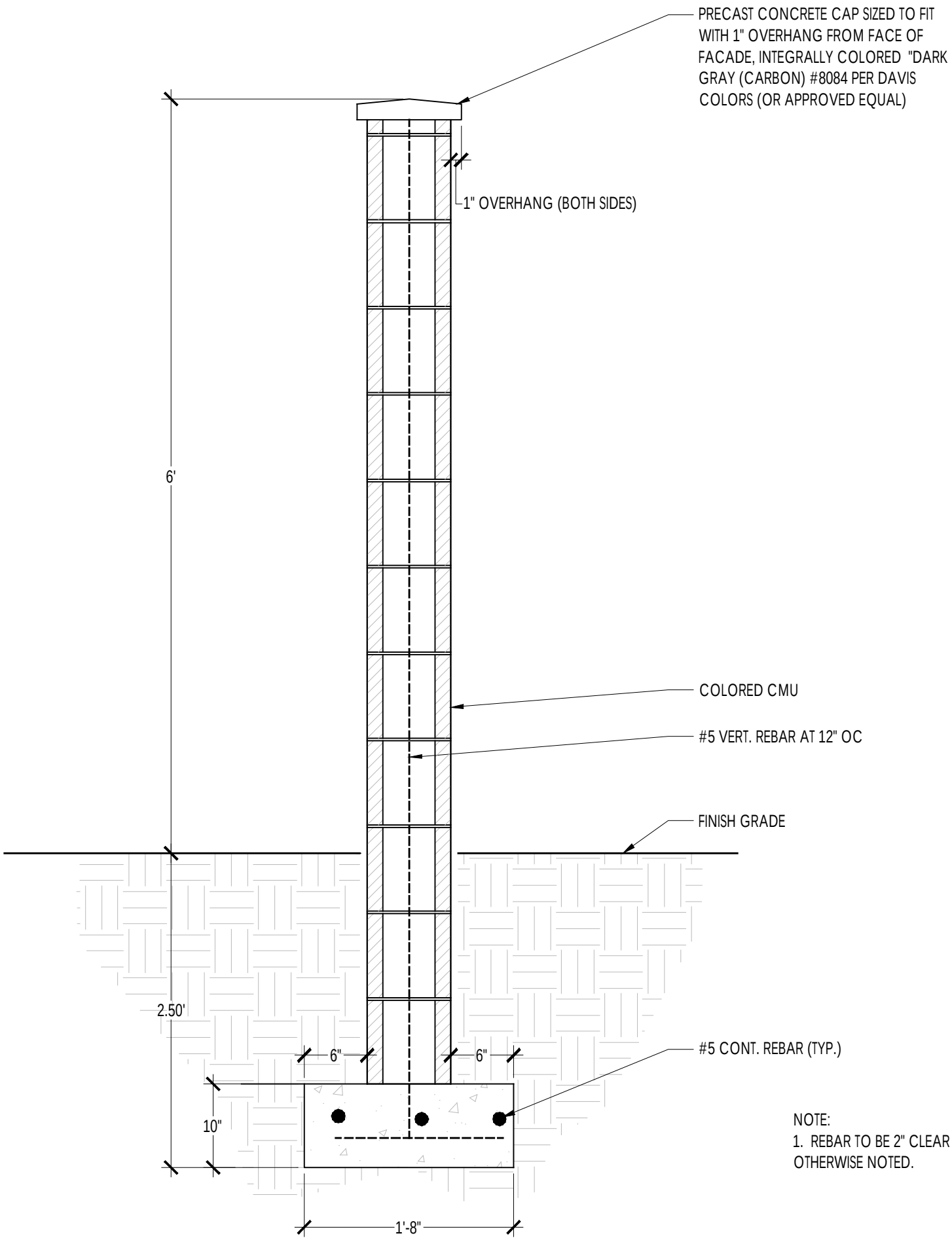
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March 17, 2023

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Parking Plan

Deserts Edge, Santa Clara, Utah



NOTE:
1. REBAR TO BE 2" CLEAR MIN. UNLESS OTHERWISE NOTED.

1 COLORED CMU WALL (6' HT)

NOT TO SCALE

T-SI-WAL-38

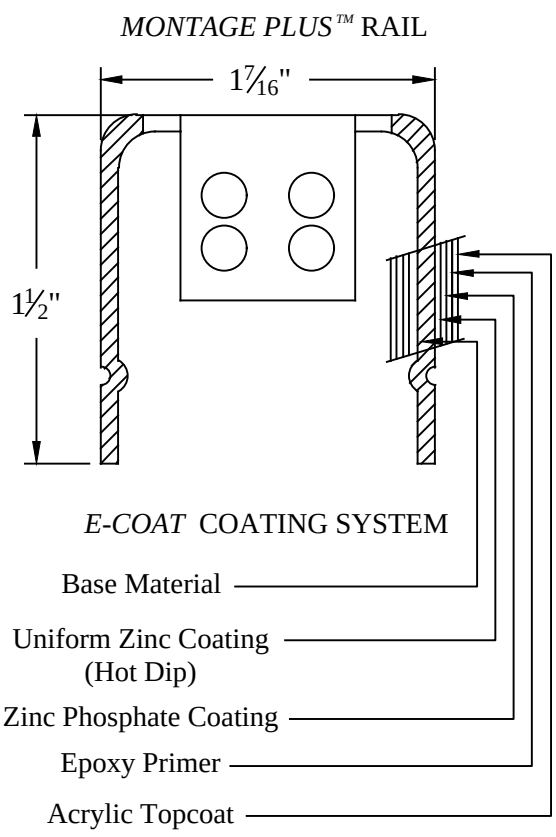
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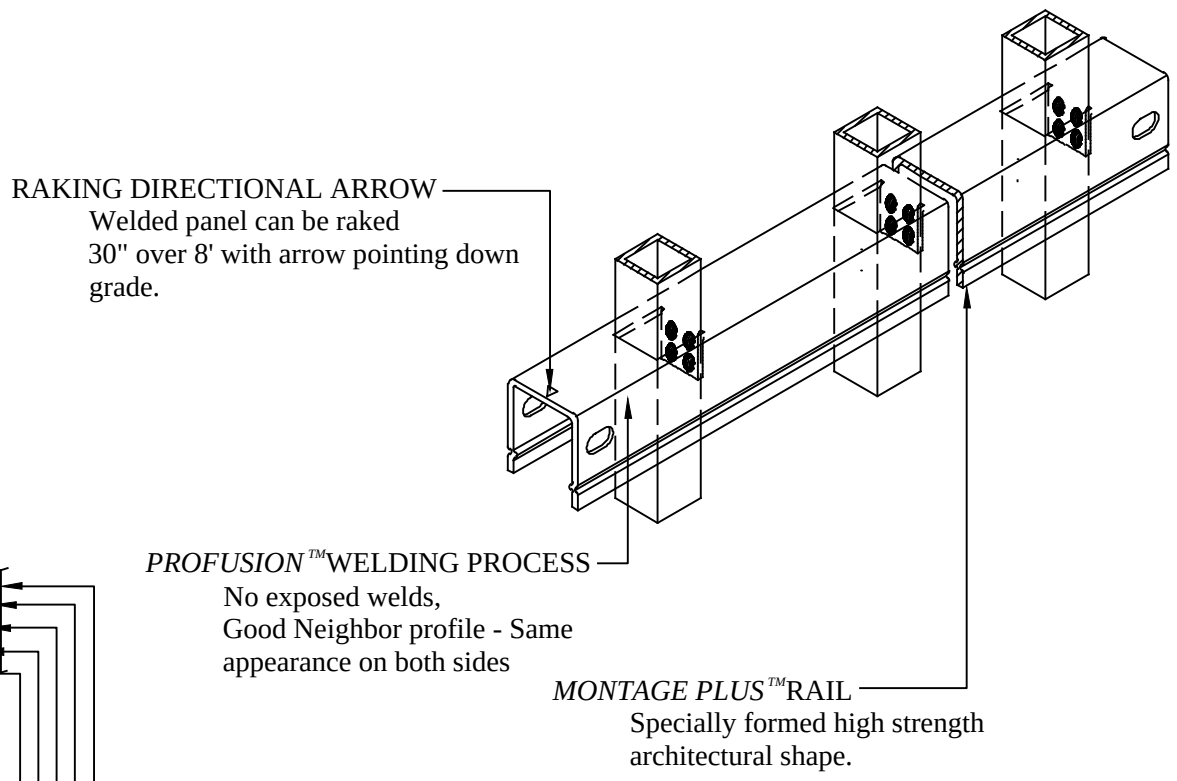
March 17, 2023

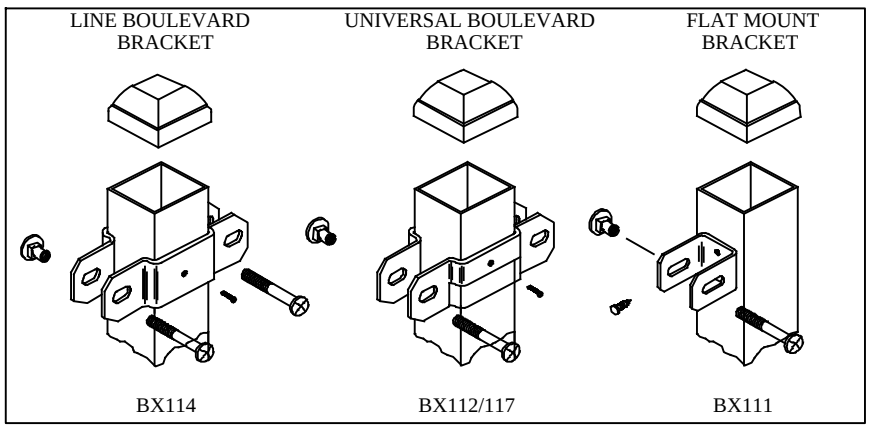
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Site Details

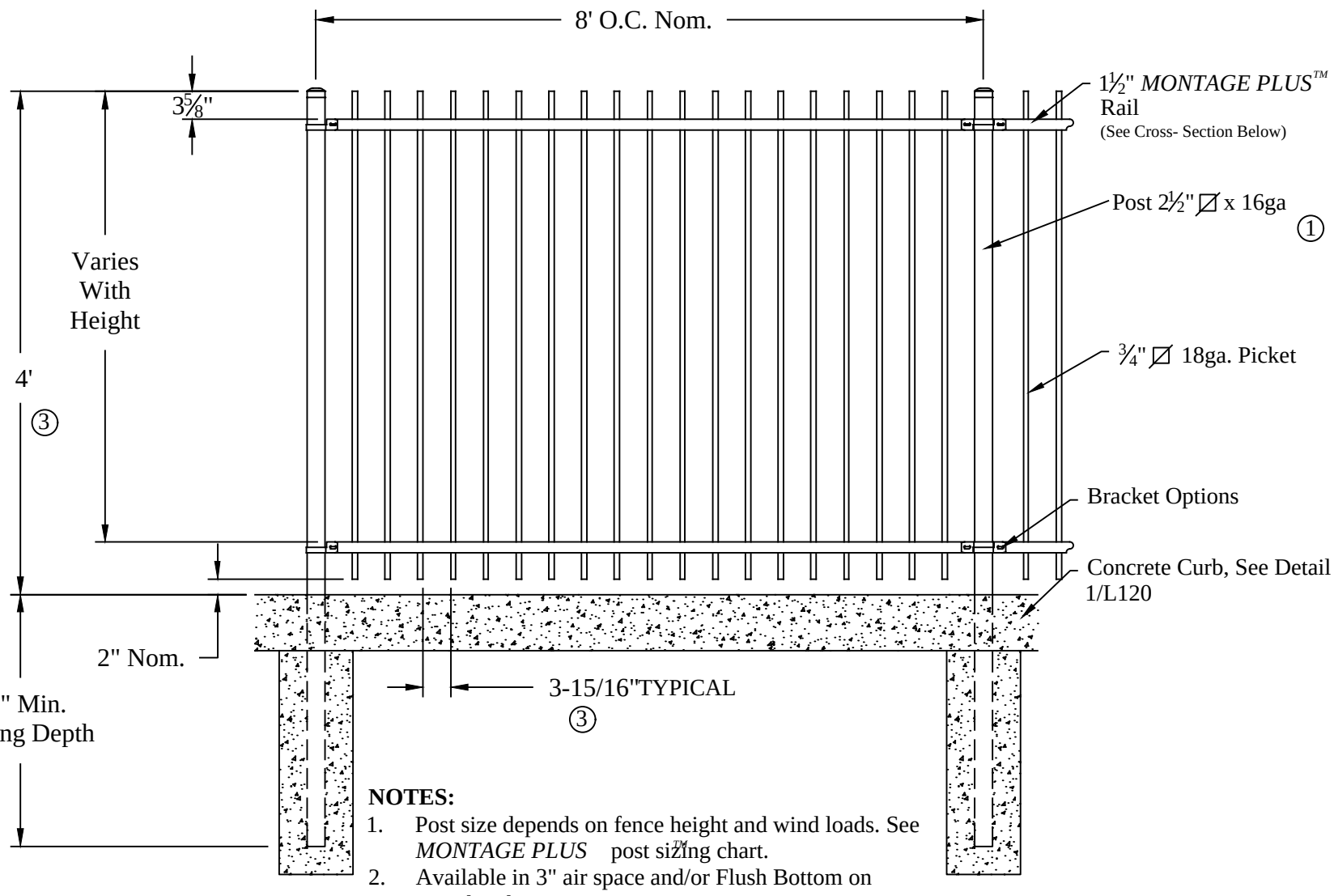
Deserts Edge, Santa Clara, Utah







Values shown are nominal and not to be used for installation purposes. See product specification for installation requirements.



NOTES:

1. Post size depends on fence height and wind loads. See *MONTAGE PLUS*™ post sizing chart.
2. Available in 3" air space and/or Flush Bottom on most heights.

2 AMERISTAR MONTAGE PLUS METAL FENCE (4')

NOT TO SCALE

T-SI-FEN-37

Think Architecture

March 17, 2023

0 25 50 100 150

Site Details

Deserts Edge, Santa Clara, Utah

GENERAL NOTES

1. NOT WITHSTANDING THE POSTING OF BOND FOR INSTALLATION OF OFF-SITE IMPROVEMENTS, NO BUILDING PERMIT WILL BE ISSUED FOR ANY LOT IN THIS SUBDIVISION UNTIL ALL UTILITIES ARE FULLY INSTALLED IN THE ENTIRE SUBDIVISION.

2. UNSTABLE SOIL CONDITIONS MIGHT EXIST ON LOTS IN THIS SUBDIVISION. PURCHASERS OF LOTS HEREIN HAVE THE SOLE RESPONSIBILITY FOR OBTAINING APPROPRIATE ENGINEERING SERVICES AND ADVICE RELATIVE TO THE USABILITY OF THE LOTS. THE CITY OF SANTA CLARA DISCLAIMS ALL RESPONSIBILITY FOR SUCH SOIL CONDITIONS, WATER CONTROL (SURFACE AND/OR SUBSURFACE), AND DRAINAGE CONTROL.

3. MINIMUM BUILDING SETBACK REQUIREMENTS ARE INCORPORATED INTO THE PAD LAYOUT AS SHOWN. FRONT YARD SETBACKS ARE 20 FEET, SIDE AND REAR YARD SETBACKS ARE 10 FEET. ALL STRUCTURES SHALL BE BUILT ENTIRELY WITHIN THEIR RESPECTIVE PAD.

4. ALL STREET LANDSCAPING SHALL CONFORM TO SANTA CLARA CITY'S LANDSCAPE ORDINANCE.

5. THE ASSOCIATION SHALL BE RESPONSIBLE FOR REPAIRING, RESTORING, OR REPLACING LANDSCAPING, OR OTHER PRIVATE IMPROVEMENTS CONTAINED WITHIN THIS SUBDIVISION RESULTING FROM DAMAGE OR DISRUPTION CAUSED BY SANTA CLARA CITY IN INSTALLING, MAINTAINING, REPAIRING, OR REPLACING PUBLIC POWER, WATER, SEWER, AND DRAINAGE IMPROVEMENTS.

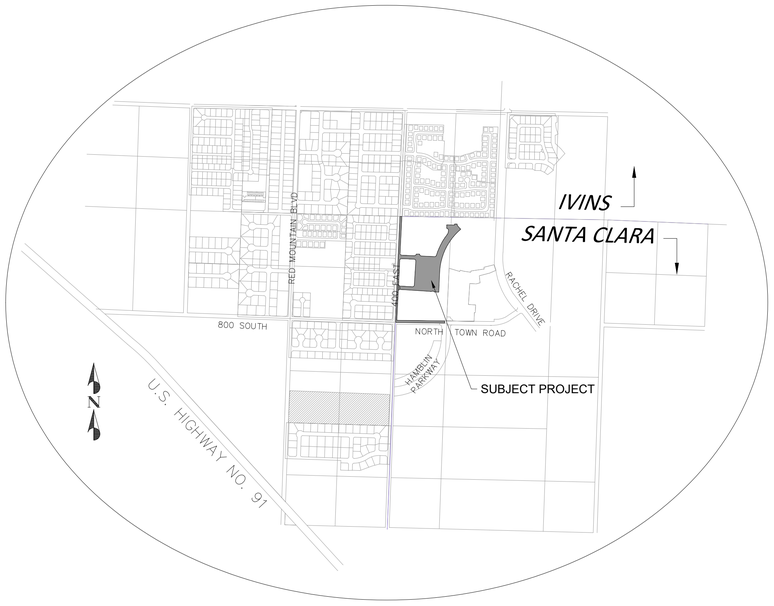
6. IN ADDITION TO ANNUAL, USUAL AND SPECIAL ASSESSMENTS FOR MAINTENANCE OF COMMON NON-PUBLIC IMPROVEMENTS CONTAINED WITHIN THIS SUBDIVISION, THE ASSOCIATION SHALL LEVY SUCH ASSESSMENTS AS MAY BE NECESSARY FROM TIME TO TIME TO REPAIR, RESTORE, OR REPLACE LANDSCAPING, OR OTHER PRIVATE IMPROVEMENTS CONTAINED WITHIN THIS RESULTING FROM DAMAGE OR DISRUPTION CAUSED BY SANTA CLARA CITY IN INSTALLING, MAINTAINING, REPAIRING, OR REPLACING POWER, WATER, SEWER AND DRAINAGE IMPROVEMENTS.

7. BY RECORDING THIS SUBDIVISION PLAT, EASEMENTS ARE HEREBY GRANTED TO THE COMMON USE OF THE PROPERTY OWNERS, BUT NOT TO THE USE OF THE GENERAL PUBLIC (UNLESS NOTED) WITHIN ALL COMMON AND LIMITED COMMON AREAS WITHIN THIS SUBDIVISION FOR INSTALLATION, ACCESS, MAINTENANCE, AND REPAIR OF ALL UTILITIES INCLUDING NATURAL GAS, CABLE TV, TELEPHONE, WATER AND POWER, AND FOR SEWER AND DRAINAGE IMPROVEMENTS.

8. ALL COMMON AREAS AND PRIVATE DRIVEWAYS SHOWN ON THIS PLAT ARE SUBJECT TO A PUBLIC UTILITIES AND DRAINAGE EASEMENT FOR INSTALLATION AND MAINTENANCE OF IMPROVEMENTS AND SUCH EASEMENTS SHALL BE SUBJECT TO THE RIGHT OF SANTA CLARA CITY TO REQUIRE THE HOMEOWNER'S ASSOCIATION TO ASSESS ITS MEMBERS TO REPAIR DRIVEWAYS, LANDSCAPING, ETC. WHERE NEEDED TO REPAIR OR REPLACE THE PUBLIC UTILITIES.

GEOTECHNICAL INVESTIGATION

A GEOTECHNICAL INVESTIGATION WAS PERFORMED BY AGEC. THE INVESTIGATION RESULTS AND SPECIFIC RECOMMENDATIONS FOR THE CONSTRUCTION OF FOUNDATIONS, FLOOR SLABS, AND EXTERIOR FLATWORK ARE COMPLIED IN A REPORT DATED JULY 22, 2022. THIS REPORT IS AVAILABLE FROM THE DEVELOPER AND A COPY IS ON FILE WITH SANTA CLARA CITY. OWNERS, BUILDERS, AND CONTRACTORS SHOULD BECOME FAMILIAR WITH THIS REPORT AND COMPLY WITH ITS RECOMMENDATIONS.



VICINITY MAP

NOT TO SCALE

BOUNDARY DESCRIPTIONS

400 EAST & NORTH TOWN ROAD:

BEGINNING AT THE SOUTH 1/4 CORNER OF SECTION 5, T42S, R16W, SLB&M, RUNNING THENCE N1°28'10"E, 1354.10 FEET ALONG THE CENTER SECTION LINE TO THE SOUTHWEST CORNER OF "PADRE LAKES TOWNHOMES – PHASE 2", FILED AS RECORDED NO. 483025 IN THE OFFICE OF THE WASHINGTON COUNTY RECORDER; THENCE N89°39'24"E, 33.02 FEET ALONG THE SOUTHERLY BOUNDARY OF SAID "PADRE LAKES TOWNHOMES – PHASE 2"; THENCE S1°28'10"W, 475.39 FEET TO THE POINT OF CURVATURE OF A 20.00 FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 31.77 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 91°00'26"; THENCE S2°22'57"W, 44.02 FEET TO THE POINT OF CURVATURE OF A 20.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE BEARS S0°28'03"W; THENCE SOUTHWESTERLY 31.07 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 88°59'53"; THENCE S1°28'10"W, 309.73 FEET TO THE POINT OF CURVATURE OF A 20.00 FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 31.14 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 89°11'52"; THENCE S0°44'25"W, 44.02 FEET TO THE POINT OF CURVATURE OF A 20.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE S2°16'19"W; THENCE SOUTHWESTERLY 31.70 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90°48'08"; THENCE S1°28'10"W, 349.61 FEET TO THE POINT OF CURVATURE OF A 20.00 FOOT RADIUS CURVE TO THE LEFT; THENCE SOUTHEASTERLY 32.12 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 92°01'16"; THENCE N89°26'54"E, 608.32 FEET; THENCE S1°17'49"W, 30.52 FEET TO THE SOUTH LINE OF SAID SECTION 5; THENCE S89°26'54"W, 662.16 FEET ALONG THE SECTION LINE TO THE POINT OF BEGINNING. CONTAINING 1.157 ACRES.

COYOTE LANDING AT DESERTS EDGE PHASE 1:

BEGINNING AT A POINT N1°28'10"E, 422.01 FEET ALONG THE CENTER SECTION LINE AND S88°31'50"E, 53.28 FEET FROM THE SOUTH 1/4 CORNER OF SECTION 5, T42S, R16W, SLB&M, RUNNING THENCE N0°44'25"E, 44.02 FEET; THENCE S87°43'42"E, 158.35 FEET TO THE POINT OF CURVATURE OF A 23.01 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE BEARS N2°15'40"E; THENCE NORTHEASTERLY 36.13 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 89°57'50"; THENCE N2°16'14"E, 307.70 FEET TO THE POINT OF CURVATURE OF A 23.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE BEARS N87°43'42"W; THENCE NORTHWESTERLY 36.52 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90°57'55"; THENCE N88°42'11"W, 63.22 FEET TO THE POINT OF CURVATURE OF A 1978.00 FOOT RADIUS CURVE TO THE LEFT; THENCE NORTHWESTERLY 28.82 FEET THROUGH A CENTRAL ANGLE OF 0°50'05"; THENCE N89°32'16"W, 70.94 FEET; THENCE N2°22'57"E, 44.02 FEET; THENCE S89°32'16"E, 69.47 FEET TO THE POINT OF CURVATURE OF A 2022.00 FOOT RADIUS CURVE TO THE RIGHT; THENCE SOUTHEASTERLY 29.46 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 0°50'05"; THENCE S88°42'11"E, 64.75 FEET TO THE POINT OF CURVATURE OF A 23.00 FOOT RADIUS CURVE TO THE LEFT; THENCE NORTHEASTERLY 35.74 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 89°01'31"; THENCE S87°43'42"E, 22.00 FEET; THENCE N2°16'18"E, 1.53 FEET; THENCE S87°43'42"E, 22.00 FEET TO THE POINT OF CURVATURE OF A 23.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE BEARS S87°43'42"E; THENCE SOUTHEASTERLY 36.52 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90°58'29"; THENCE S88°42'11"E, 168.77 FEET TO THE POINT OF CURVATURE OF A 23.00 FOOT RADIUS CURVE TO THE LEFT; THENCE NORTHEASTERLY 30.28 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 75°26'20" TO THE POINT OF CURVATURE OF A 843.73 FOOT RADIUS REVERSE CURVE; THENCE NORTHEASTERLY 302.22 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 20°31'23" TO THE POINT OF CURVATURE OF A 73.69 FOOT RADIUS NON-TANGENT REVERSE CURVE, RADIAL LINE BEARS N53°31'22"W; THENCE NORTHEASTERLY 47.09 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 36°36'33"; THENCE N0°03'45"W, 11.92 FEET TO THE POINT OF CURVATURE OF A 23.00 FOOT RADIUS CURVE TO THE LEFT; THENCE NORTHWESTERLY 36.13 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 90°00'07"; THENCE N0°01'15"W, 44.00 FEET; THENCE N89°56'15"E, 101.45 FEET; THENCE N0°20'51"W, 13.04 FEET; THENCE N89°41'27"E, 31.50 FEET; THENCE S0°20'51"E, 14.44 FEET; THENCE S41°43'39"E, 128.53 FEET TO THE POINT OF CURVATURE OF A 706.00 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE BEARS S41°43'40"E; THENCE SOUTHWESTERLY 578.83 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 46°58'32"; THENCE S1°17'49"W, 256.39 FEET; THENCE N87°48'32"W, 120.33 FEET TO THE POINT OF CURVATURE OF A 9.51 FOOT RADIUS NON-TANGENT CURVE TO THE LEFT, RADIAL LINE BEARS S89°46'37"W; THENCE NORTHWESTERLY 14.53 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 87°28'20"; THENCE N87°43'42"W, 6.07 FEET TO THE POINT OF CURVATURE OF A 67.00 FOOT RADIUS NON-TANGENT CURVE TO THE RIGHT, RADIAL LINE BEARS N21°06'21"W; THENCE SOUTHWESTERLY 27.34 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 23°22'39"; THENCE N87°43'42"W, 394.91 FEET TO THE POINT OF BEGINNING. CONTAINING 5.807 ACRES.

NOTE: A CLOCKWISE ROTATION OF 1°18'39" APPLIED TO BEARINGS ON THE "PADRE LAKES TOWNHOMES – PHASE 2" RECORDED PLAT WILL MATCH BEARINGS SHOWN ON THIS PLAT. A CLOCKWISE ROTATION OF 1°18'07" APPLIED TO BEARINGS ON RED MOUNTAIN TOWNHOMES PHASES 1, 2, AND 3 RECORDED PLATS, AND BEARINGS SHOWN ON THE DESERT SAGE SUBDIVISION RECORDED PLAT WILL MATCH BEARINGS SHOWN ON THIS PLAT.

SURVEYOR'S CERTIFICATE

I, ROGER M. BUNDY, DO HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR, AND THAT I HOLD CERTIFICATE NO. 7654, IN ACCORDANCE WITH TITLE 58, CHAPTER 22, OF THE PROFESSIONAL ENGINEERS AND LAND SURVEYORS LICENSING ACT OF THE STATE OF UTAH. I FURTHER CERTIFY THAT BY AUTHORITY OF THE OWNERS I HAVE MADE A SURVEY OF THE TRACT OF LAND SHOWN ON THIS PLAT AND DESCRIBED BELOW, HAVE VERIFIED ALL MEASUREMENTS, HAVE PLACED MONUMENTS AS SHOWN IN ACCORDANCE WITH SECTION 17-23-17 AND HAVE SUBDIVIDED SAID TRACT OF LAND INTO PRIVATE ELEMENTS, COMMON AREA, LIMITED COMMON AREA, PUBLIC STREETS AND EASEMENTS HEREAFTER KNOWN AS:

COYOTE LANDING AT DESERTS EDGE PHASE 1

_____
DATE:

PROFESSIONAL LAND SURVEYOR
7654
ROGER M. BUNDY
STATE OF UTAH

OWNER'S DEDICATION

KNOW ALL MEN BY THESE PRESENTS THAT THE UNDERSIGNED OWNER OF ALL THE ABOVE DESCRIBED TRACT OF LAND HAVING CAUSED THE SAME TO BE SUBDIVIDED INTO PRIVATE ELEMENTS, COMMON AREA, LIMITED COMMON AREA, PUBLIC STREETS AND EASEMENTS TO BE HEREAFTER KNOWN AS:

COYOTE LANDING AT DESERTS EDGE PHASE 1

FOR GOOD AND VALUABLE CONSIDERATION RECEIVED, THE UNDERSIGNED OWNER DOES HEREBY DEDICATE AND CONVEY TO SANTA CLARA CITY FOR PERPETUAL USE OF THE PUBLIC, ALL PARCELS OF LAND SHOWN AS PUBLIC STREETS AND EASEMENTS. ALL PARCELS OF LAND SHOWN OR NOTED AS PRIVATE ELEMENTS, COMMON AND LIMITED COMMON AREAS ARE NOT FOR THE USE OF THE PUBLIC. ALL PRIVATE ELEMENTS, COMMON AND LIMITED COMMON AREAS ARE AS NOTED OR SHOWN. ALL PRIVATE ELEMENTS, COMMON AND LIMITED COMMON AREAS SHOWN OR NOTED ON THIS PLAT ARE SUBJECT TO THE DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS, OF "DESERTS EDGE" DATED_____ AND RECORDED CONCURRENTLY WITH THIS PLAT AS ENTRY NO._____IN THE OFFICE OF THE WASHINGTON COUNTY RECORDER. SAID DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS ARE HEREBY INCORPORATED AND MADE PART OF THIS PLAT. THE OWNERS DO HEREBY WARRANT TO SANTA CLARA CITY IT'S SUCCESSORS AND ASSIGNS, TITLE TO ALL PROPERTY DEDICATED AND CONVEYED TO PUBLIC USE HEREIN AGAINST THE CLAIMS OF ALL PERSONS.

IN WITNESS WHEREOF I HAVE HEREUNTO SET MY HAND THIS_____DAY OF,_____2023.

TAYLOR BUILT HOMES, LLC

BY: _____
ROBERT SMITH, MANAGER

LIMITED LIABILITY COMPANY ACKNOWLEDGEMENT

STATE OF UTAH
COUNTY OF WASHINGTON } S.S.

ON THE_____DAY OF_____, 2023, PERSONALLY APPEARED BEFORE ME ROBERT SMITH, WHO BEING DULY SWORN SAYS THAT HE IS MANAGER OF TAYLOR BUILT HOMES, LLC, A UTAH LIMITED LIABILITY COMPANY AND THAT HE EXECUTED THE HEREON OWNER'S DEDICATION IN BEHALF OF SAID LIMITED LIABILITY COMPANY, BEING AUTHORIZED AND EMPOWERED TO DO SO BY THE OPERATING AGREEMENT OF TAYLOR BUILT HOMES, LLC AND HE ACKNOWLEDGED TO ME THAT TAYLOR BUILT HOMES, LLC EXECUTED THE SAME FOR THE USES AND PURPOSES STATED THEREIN.

NOTARY PUBLIC FULL NAME: _____

COMMISSION NUMBER: _____

MY COMMISSION EXPIRES: _____ _____
NOTARY PUBLIC

NOTARY COMMISSIONED IN WASHINGTON COUNTY, UTAH
(STAMP NOT REQUIRED IF ABOVE INFORMATION IS PROVIDED PER UTAH CODE, TITLE 46, CHAPTER 1, SECTION 16)

Final Plat of:

COYOTE LANDING AT DESERTS EDGE PHASE 1

LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5,
TOWNSHIP 42 SOUTH, RANGE 16 WEST, SLB&M
SANTA CLARA CITY, UTAH

R&B SURVEYING, INC.
862 CAMINO PICO, WASHINGTON, UT 84780
PH: (435) 632-3540

ENGINEER'S APPROVAL:

THE HEREON SUBDIVISION HAS BEEN REVIEWED AND IS APPROVED IN ACCORDANCE WITH THE INFORMATION ON FILE IN THIS OFFICE, THIS_____ DAY OF_____, 2023.

_____
ENGINEER
SANTA CLARA CITY, UTAH

APPROVAL OF THE PLANNING COMMISSION:

ON THIS THE_____DAY OF_____, A.D. 2023, THE PLANNING COMMISSION OF SANTA CLARA CITY, HAVING REVIEWED THE ABOVE SUBDIVISION FINAL PLAT AND HAVING FOUND THAT IT COMPLIES WITH THE REQUIREMENTS OF SANTA CLARA CITY'S PLANNING ORDINANCES, AND BY AUTHORIZATION OF SAID COMMISSION HERBY APPROVE SAID SUBDIVISION FOR ACCEPTANCE BY SANTA CLARA CITY, UTAH.

_____
CHAIRMAN OF THE PLANNING COMMISSION
SANTA CLARA CITY, UTAH

CITY SURVEYOR'S CERTIFICATE:

I THE SANTA CLARA CITY SURVEYOR, DO HERBY VERIFY THAT THIS OFFICE HAS EXAMINED THIS SUBDIVISION PLAT AND HAVE DETERMINED THAT IT IS CORRECT AND IN ACCORDANCE WITH INFORMATION ON FILE IN THIS OFFICE, THIS_____DAY OF _____, 2023.

_____
CITY SURVEYOR
SANTA CLARA CITY, UTAH

APPROVAL AND ACCEPTANCE BY THE CITY OF SANTA CLARA, UTAH:

WE, THE MAYOR AND THE CITY COUNCIL OF SANTA CLARA CITY, UTAH, HAVE REVIEWED THE ABOVE SUBDIVISION FINAL PLAT AND BY AUTHORIZATION OF SAID CITY COUNCIL, RECORDED IN THE MINUTES OF IT'S MEETING OF THE_____DAY OF _____A.D. 2023, HEREBY ACCEPT SAID SUBDIVISION WITH ALL COMMITMENTS AND OBLIGATIONS PERTAINING THERETO.

_____ _____
ATTEST: CITY RECORDER MAYOR
SANTA CLARA CITY, UTAH SANTA CLARA CITY, UTAH

APPROVAL AS TO FORM:

APPROVED AS TO FORM, THIS _____DAY OF_____, A.D. 2023.

_____
CITY ATTORNEY
SANTA CLARA CITY, UTAH

TREASURER APPROVAL

I, WASHINGTON COUNTY TREASURER, CERTIFY ON THIS_____DAY OF _____, A.D. 2023 THAT ALL TAXES, SPECIAL ASSESSMENTS, AND FEES DUE AND OWING ON THIS SUBDIVISION FINAL PLAT HAVE BEEN PAID IN FULL.

_____
WASHINGTON COUNTY TREASURER

RECORDED NUMBER

_____ _____
FEE: WASHINGTON COUNTY RECORDER
WASHINGTON COUNTY, UTAH

CURVE TABLE					
CURVE #	LENGTH	RADIUS	DELTA	CHORD BEARING	CHORD DISTANCE
C1	71.45'	45.00'	90°58'29"	N46°47'04"E	64.18'
C2	121.65'	821.72'	8°28'56"	S5°32'32"W	121.54'
C3	52.50'	821.72'	3°39'38"	S11°36'49"W	52.49'
C4	34.63'	821.72'	2°24'51"	S14°39'03"W	34.62'
C5	294.34'	821.72'	20°31'24"	S26°07'11"W	292.77'
C6	61.08'	95.69'	36°34'16"	N18°10'11"E	60.05'
C7	503.12'	821.72'	35°04'49"	N18°50'28"E	495.29'
C8	29.14'	2000.00'	0°50'05"	N89°07'14"W	29.14'
C9	35.74'	23.00'	89°01'31"	S46°47'04"W	32.25'
C10	39.53'	23.00'	98°29'11"	N39°27'36"W	34.84'
C11	124.91'	843.73'	8°28'57"	S5°32'32"W	124.80'
C12	36.52'	23.00'	90°58'30"	N46°47'04"E	32.80'
C13	36.13'	23.00'	90°00'00"	S42°43'42"E	32.53'
C14	79.05'	67.00'	67°35'50"	N35°05'44"E	74.54'
C15	489.64'	799.72'	35°04'49"	S18°50'28"W	482.03'
C16	75.10'	117.69'	36°33'32"	N18°09'43"E	73.83'

FUTURE PHASE

400 EAST STREET DEDICATED ON RED MOUNTAIN TOWNHOMES PHASE 3 SUBDIVISION PLAT

CEN. 1/4 COR. SEC. 5 T42S, R16W, SLB&M FOUND RIVET H.C.N. #4200

RED MOUNTAIN TOWNHOMES - PHASE 4 DOC. RECORDED NO. 535531

RED MOUNTAIN TOWNHOMES - PHASE 1 DOC. RECORDED NO. 453303

RED MOUNTAIN TOWNHOMES - PHASE 3 DOC. RECORDED NO. 535528

RED MOUNTAIN TOWNHOMES - PHASE 2 DOC. RECORDED NO. 505911

400 EAST STREET DEDICATED ON RED MOUNTAIN TOWNHOMES PHASE 3 SUBDIVISION PLAT

DESERT SAGE SUBDIVISION DOC. RECORDED NO. 495169

400 EAST (66' PUBLIC STREET)

CENTER SECTION LINE

MATCH LINE SEE SHEET 3

MATCH LINE SEE SHEET 3

BOBCAT DRIVE (44' PUBLIC STREET)

COTTONTAIL WAY (44' PUBLIC STREET)

GILA MONSTER DRIVE (44' PUBLIC STREET)

COYOTE LANDING DRIVE (44' PUBLIC STREET)

TORTOISE LANE (44' PUBLIC STREET)

PRIVATE PARKING

FUTURE HAMBLIN DRIVE

HAMBLIN DRIVE (PUBLIC STREET) DEDICATED ON "ARCADIA VACATION RESORT PHASE 2" 2ND AMENDED AND REDUCED DOC. NO. 20210038368

FUTURE PHASE (NOT A PART)

FUTURE AMENITY SITE (PART OF PHASE 1)

FUTURE PHASE (NOT A PART)

P.O.B. PHASE 1

S. 1/4 COR. SEC. 5 T42S, R16W, SLB&M FOUND PK NAIL H.C.N. #4204

BASIS OF BEARING N01°28'10"E

N

SCALE IN FEET
1" = 50'

LEGEND

- R&B SURVEYING REBAR AND CAP LS NO. 7654 SET AT ALL SUBDIVISION BOUNDARY CORNERS
- CLASS 2 MONUMENT (REBAR & ALUMINUM CAP) TO BE SET
- EXISTING CLASS 2 MONUMENT
- CLASS 1 MONUMENT (RING & LID) TO BE SET
- FOUND SECTION CORNER MONUMENT AS SHOWN AND DESCRIBED
- SPECIFIES LIMITED COMMON AREA
- SPECIFIES PRIVATE ELEMENT
- SPECIFIES COMMON AREA

Final Plat of:
COYOTE LANDING AT DESERTS EDGE PHASE 1

LOCATED IN THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 42 SOUTH, RANGE 16 WEST, SLB&M SANTA CLARA CITY, UTAH

R&B SURVEYING, INC.
862 CAMINO PICO, WASHINGTON, UT 84780
PH: (435) 632-3540

CITY OF SANTA CLARA
ORDINANCE NO. 2021-13

AN ORDINANCE OF THE CITY OF SANTA CLARA, UTAH, AMENDING THE ZONING ORDINANCE BY APPROVING A ZONE CHANGE FROM RESIDENTIAL R-1-10 TO PLANNED DEVELOPMENT RESIDENTIAL, AND ADOPTING THE DESERTS EDGE PROJECT PLAN AS THE OFFICIAL PLAN OF THE PDR DISTRICT LOCATED ON APPROXIMATELY 20.7 ACRES EAST OF 400 EAST IN IVINS, AND NORTH OF NORTH TOWN ROAD.

Section 1. Amendment

WHEREAS, the applicant, Robert Smith, is requesting an amendment of the current zone designation from R-1-10 Residential, to PDR incorporating the proposed Deserts Edge Project Plan, on approximately 20.7 acres east of 400 East in Ivins, and north of North Town Road; and

WHEREAS, the proposed Deserts Edge Project Plan includes 239 dwelling units, including 36 front-loaded townhomes, 83 rear-loaded townhomes (via an alley) and a 120-unit apartment project, for an overall proposed 11.94 du/acre density, to be developed in two parts, known as Quail Crossing at Desert's Edge and Coyote Landing at Desert's Edge; and

WHEREAS, Quail Crossing at Desert's Edge will be 120 apartment units in four 3-story 30-plexes, with an affordable housing component; and

WHEREAS, Coyote Landing at Desert's Edge will be 119 two-story townhomes, to be available for short-term rentals (subject to a separately approved conditional use permit); and

WHEREAS, pursuant to the requirements of the Santa Clara Municipal Code, the Land Use Authority/Planning Commission conducted a properly advertised public hearing on the proposed zone change, on September 7, 2021; and

WHEREAS, the Planning Commission, during a special meeting held on said date, voted to recommend approval of the proposed amendment to the City Council, including approval of the bonus density in excess of 8 du/acre and up to 12 du/acre, subject to certain recommended conditions set forth in the minutes of said meeting; and

WHEREAS, the City Council, during its regular meeting held on September 26, 2018, considered the applicant's proposal and the Planning Commission's recommendations, and voted to approve the proposed amendment, subject to certain findings and conditions as set forth herein.

NOW, THEREFORE, BE IT ORDAINED by the Santa Clara City Council, State of Utah, as follows:

Section 2. Classification

This ordinance amends the zoning ordinance and official zoning map of the City of Santa Clara, Utah.

Section 3. General Provisions

1. The zoning ordinance and official zoning map of the City of Santa Clara, Utah is hereby amended to change the designation of the following described property from R-1-10 Residential, to PDR incorporating the proposed Deserts Edge Project Plan, subject to the following conditions:

   a. The use of dwellings as short-term rentals shall be limited to the units in the Coyote Landing at Desert's Edge component of the Project, and that the amenities for short term rental users will be those set forth in the Project Plan, i.e., outdoor pool, clubhouse, two sport courts, and associated landscaped areas.

2. Any additional findings of the City Council as stated on the official record and incorporated into the motion to approve this action are hereby incorporated with this reference.

DESCRIPTION:

Parcel Nos. SC-SB-80 and SC-SB-79-A-1-A.

Section 4. Effective Date

This ordinance shall become effective immediately upon adoption, recording and posting in the manner required by law.

ADOPTED by a duly constituted quorum of the Santa Clara City Council this 8th day of September, 2021.

IN WITNESS THERETO:

Attest:

Rick Rosenberg, Mayor

Chris Shelley, City Recorder

CITY OF SANTA CLARA
STATE OF UTAH


CITY OF SANTA CLARA
UTAH