



SAN ANTONIO WATER COMPANY

BOARD OF DIRECTORS MEETING

Tuesday, December 17, 2019

5:00 p.m.

In the Upland City Hall Council Chambers

- Call to Order
- Salute to the Flag

1. Recognitions and Presentations:

2. Additions-Deletions to the Agenda:

3. Shareholder-Public Testimony:

This is the time for any shareholder or member of the public to address the board members on any topic under the jurisdiction of the Company, which is on or not on the agenda. Please note, pursuant to the Brown Act the board is prohibited from taking actions on items not listed on the agenda. For any testimony, speakers are requested to keep their comments to no more than four (4) minutes, including the use of any visual aids, and to do so in a focused and orderly manner. Anyone wishing to speak is requested to voluntarily fill out and submit a speaker's form to the manager prior to speaking.

4. Consent Calendar Items:

All items listed hereunder are considered to be routine and there will be no separate discussion of these items unless members of the board request specific items to be removed from the consent calendar for separate action. All items listed or remaining will be voted upon in a single action.

- A. Approval of Board Meeting Minutes
Regular Meeting Minutes of November 19, 2019.
- B. Approval of Board Budget Workshop Minutes
Workshop minutes of December 4, 2019.
- C. Planning, Resources, and Operations Committee (PROC) Meeting Minutes
Meeting minutes of September 24, 2019.
- D. Administration and Finance Committee (AFC) Meeting Minutes
No meeting minutes to report.
- E. Financial Statement
Income Statement and Balance Sheet for October 31, 2019 and year-to-date.
- F. Investment Activity Report
Monthly Report of Investments Activity.
- G. Water Production and Consumption
Monthly water production and consumption figures.
- H. Prominent Issues Update
Status summaries on certain on-going active issues.
- I. Projects and Operations Update
Status summaries on projects and operations matters.
- J. Groundwater Level Patterns [Quarterly in January, April, July, and October]
Tracking patterns of groundwater elevations relative to ground surface.
- K. Correspondence of Interest

5. Board Committee – Delegate Report:

A. PVPA Representative Report

Verbal report on activities at the Pomona Valley Protective Association that have an impact on the Company.

B. Six Basins Representative Report

Verbal report on activities at the Six Basins Watermaster that have an impact on the Company.

C. Chino Basin Representative Report

Verbal report on activities at the Chino Basin Watermaster that have an impact on the Company.

D. Cucamonga Basin Representative Report

Verbal update by staff.

E. Administration and Finance Committee (AFC) Chairman's Report

No meeting to report

F. Planning, Resources, and Operations Committee (PROC) Chairman's Report

Report on meeting held November 26, 2019.

G. Office Feasibility Study Ad Hoc Committee

No meeting to report.

6. General Manager's Report on Activities

A. Adoption of 2020 Fiscal Year Budget

Recommend adoption of presented 2020 Fiscal Year Budget

B. Water Shortage Stage Alert Status

Proposed change from "Moderate Shortage Alert" to "Conservation Program-Year Round Stage"

C. Authorization to Issue Change Order #1 for Campus Avenue Waterline

Proposed Change Order #1 for the Campus Avenue Construction Project

7. Closed Session: None.

8. Director's Comments and Future Agenda Items:

Adjournment:

The next regular Board Meeting will be held on Tuesday, January 21, 2020 at 5:00 p.m.

NOTE: All agenda report items and back-up materials are available for review and/or acquisition at the Company Office (139 No. Euclid Avenue, Upland, CA) during regular office hours, Monday through Thursday [7:00 am – 11:30 am & 12:30 pm – 5:00 pm] and alternating Fridays [7:00 am – 11:30 am & 12:30 pm – 4:00 pm]. The agenda is also available for review and copying at the Upland Public Library located at 450 N. Euclid Avenue.

POSTING STATEMENT: On December 12, 2019 a true and correct copy of this agenda was posted at the entry of the Company Office (139 No. Euclid Avenue), on the public bulletin board at 450 No. Euclid Avenue (Upland Public Library) and on the Company Website.

SAN ANTONIO WATER COMPANY
MINUTES OF THE SAN ANTONIO WATER COMPANY
Tuesday, November 19, 2019

An open meeting of the Board of Directors of the San Antonio Water Company (SAWCo) was called to order at 5:00 p.m. on the above date at the Upland City Hall Council Chambers, 460 North Euclid Avenue, Upland, California. Directors present were Tom Thomas, Jose Sanchez, Will Elliott, Bob Cable, Gino Filippi, Martha Goss, and Rudy Zuniga. Also in attendance were SAWCo's General Manager Brian Lee, Assistant General Manager Teri Layton, and Senior Administrative Specialist Kelly Mitchell. Director Thomas presided.

- Salute to the Flag
- 1. Recognitions and Presentations: None.
- 2. Additions-Deletions to the Agenda: None.
- 3. Shareholder-Public Testimony: Public Works Director, City Engineer, and Interim City Manager Rosemary Hoerning spoke regarding concerns City of Upland councilmembers have about SAWCo's proposed centralized office building on 17th Street and Benson Avenue.
- 4. Consent Calendar Items:
 - A. Approval of Board Meeting Minutes
Regular Meeting Minutes of October 15, 2019.
 - B. Planning, Resources and Operations Committee (PROC) Meeting Minutes
No meeting minutes to approve.
 - C. Administration and Finance committee (AFC) Meeting Minutes
Meeting Minutes of August 27, 2019.
 - D. Ad Hoc Office and Yard Relocation Committee
Meeting Minutes of September 26, 2019.
 - E. Financial Statement
Income Statement and Balance Sheet for September 30, 2019 and year-to-date.
 - F. Investment Activity Report
Monthly Report of Investments Activity.
 - G. Water Production and Consumption
Monthly water production and consumption figures.
 - H. Prominent Issues Update
Status summaries on certain on-going active issues.
 - I. Projects and Operations Update
Status summaries on projects and operations matters.
 - J. Groundwater Level patterns [Quarterly in January, April, July, and October]
Tracking patterns of groundwater elevations relative to ground surface.
 - K. Correspondence of Interest

Director Cable requested pulling Item 4F for comment.

Director Zuniga moved and Director Goss seconded to approve the Consent Calendar sans Item 4F. Motion carried.

Director Cable noted Item 4F indicates there are some investments the company has that are earning only 0.35% return. He suggested looking into moving some of these funds to maximize the return on investment.

Director Cable moved and Director Goss seconded to approve Item 4F. Motion carried.

5. Board Committee – Delegate Report:

A. Pomona Valley Protective Association (PVPA) Representative’s Report – Director Thomas reported the PVPA held their annual meeting the previous Wednesday.

At the Stockholder’s Meeting the proxies had been tallied and there were no changes in directors from the previous year.

During the Director’s Meeting it was determined that William McDonald will continue to serve as president, Tom Thomas as vice president, and Stephen Yoss as the secretary/treasurer. Mr. Thomas remains chair of the real estate committee and is also on the finance committee.

Ms. Rosemary Hoerning advised during the Consumer’s Meeting that the fencing around the Padua property in Claremont had been completed.

B. Six Basins Representative Report – Mr. Lee advised Six Basins is attempting to maximize return on municipal storm water projects.

The budget and safe yield for 2020 were discussed and will be voted on at the upcoming meeting. Safe yield is projected to stay at 13,000 acre feet (AF).

C. Chino Basin Representative Report – Ms. Layton reported staff attended the November 6th storage management plan workshop where they expressed several concerns regarding the plan. Staff was also able to listen in for an hour of the discussions at the November 13th workshop. Watermaster has requested written comments by November 20th.

The 2019-2020 Assessment Package will go to the Board for approval later in the week. Staff anticipates their annual assessment to be \$74,000 minus recharge debt payment. SAWCo has a \$7,821.08 credit due them as a result of revision of past assessment packages that will be applied to their 2019-2020 assessment.

Wildermuth Environmental, Inc. will be holding a 2020 Safe Yield Reset Technical Peer Review at their office on December 9th from 10 a.m. to 2 p.m. Mr. Lee plans to attend this event.

The Rules and Regulations are intended to be a one stop for parties to know what has been decided in court. There have been some court decisions made since the last update. Unfortunately, this also starts a legal battle of words on how it is presented. While not all of the parties were in agreement, the update to the rules and regulations was approved by the Board in October.

Paragraph 36 is another issue that not all of the parties agreed on. SAWCo voted in opposition due to the fact that the Appropriators pay the Agricultural Pool’s expenses per previous agreement and the fact that the Agricultural Pool’s expenses previously had an annual cap on the amount they could receive for attending meetings. The Board approved this amendment and it is on the court’s docket for December 13th.

The Agricultural Pool wishes to amend their pooling plan but are looking at amending more than Paragraph 36. The Agricultural Pool is adding in language that is in the Peace Agreement which requires the Appropriative Pool to pay the Agricultural Pool’s assessment packages. This item will likely go before the court on December 13th. There are continued closed session discussions on this topic.

Director Filippi inquired about the possibility of enhancing SAWCo’s financial condition by increasing water recharge in the basin and how that might interface with the Storage Management Plan.

Ms. Layton responded that when SAWCo puts water in the basin it credits their water storage account in the basin. There are past agreements that the parties are obligated to meet such as the

Desalter Replenishment Agreement. The extra water put into the basin can go towards those obligations so that SAWCo does not have to reduce the amount of water they pump out of the basin. This additional water can also be sold to shareholders whether by agreement or to meet entitlement obligations.

Director Filippi stated he would like to discuss further with Mr. Lee how to enhance the bottom line of the organization by selling more water or treating wellhead water. He advised he is aware of a shareholder that is looking for more input and income from SAWCo.

Ms. Layton advised SAWCo put in as much water as their Storage Agreement would allow them to.

Mr. Lee stated his desire to create a conjunctive use project as a possible storage opportunity for drought stabilization.

- D. Cucamonga Basin Representative Report** – Ms. Layton reported the working group did not meet in November. The decision was made to push the next meeting to December to allow TKE Engineering time to draft the comments into a revised document.

The next meeting is scheduled for December 10, 2019.

- E. Administration and Finance Committee (AFC) Chairman's Report** – Director Sanchez reported the AFC met recently and three of the items discussed at the meetings are on the agenda. The Committee is continuing to work on the investment and reserve policies and some financial reporting improvements. The Committee is also considering high level financial ratios to give the Company a clearer picture of how they are doing financially.

- F. Planning, Resources, and Operations Committee (PROC) Chairman's Report** – No meeting to report.

- G. Office Feasibility Study Ad Hoc Committee** – Mr. Lee reported that in response to concerns from a few shareholders, the Committee decided to take a step back and look at additional options for its office and yard relocation project.

Director Filippi brought Mr. Lee's attention to the schedule dates on the office relocation project worksheet. It was agreed the dates would be looked at when the item came up on the agenda.

6. General Manager's Report on Activities:

- A. Chino Basin Watermaster Update** – Peter Kavounas, general manager of Chino Basin Watermaster, provided a PowerPoint Presentation on the history and functionality of Chino Basin Watermaster.

- B. Annual Review of Employee Health Benefits** – Ms. Melissa Calabretta with JLR Insurance Services provided a presentation advising of the costs and offerings of SAWCo current employee health and welfare benefits package in comparison to costs and offerings of comparable Affordable Health Care Act (ACA) plans. She noted that SAWCo's grandfathered plan rate progression over the years has continuously been roughly half, to less than half, the amount that comparable ACA plans have increased. Grandfathered plans such as the one SAWCo has continue to be protected from any material changes to benefits.

Director Goss moved and Director Cable seconded to approve maintaining the Company's current employee health and welfare benefits package. Motion carried unanimously.

- C. Office and Operation Yard Facilities Budgetary Exploratory Review** – Mr. Lee reiterated the item is a broader look at the options and the needs the company has in combining and relocating its office and yard facilities. SAWCo is looking to work with the architect in securing a realtor, real estate appraiser, and engineering firm to complete assessments on property SAWCo owns and

properties available for purchase to help determine its needs, provide cost assessments, and conclude what the best options are for meeting those needs.

Mr. Lee advised the scope of services was reviewed and recommended by the Ad Hoc Committee and was shared with the shareholders that had expressed concern to SAWCo about the project. Of those that replied the feedback was positive. He stated he felt SAWCo was moving in the right direction in getting the questions presented by shareholders answered.

Director Thomas clarified SAWCo is proposing a feasibility study to bring all options to the table to determine whether or not they move forward with the office and yard relocation project and if so, in what direction.

Mr. Lee requested authorization to allocate up to \$40,000 to complete the items listed in the Scope of Services presented in the Board Meeting Agenda Packet. The completion of the services listed should provide the information needed to determine what the best option is for relocating the office and yard facilities.

Director Thomas mentioned a question from some shareholders was whether or not SAWCo has need for capital improvements that this money could be allocated to. He stated the budget for 2020 will be available shortly and will show where funds are allocated

Mr. Lee advised that when the Master Plan and Asset Management Plan is completed the full answer of capital costs will be known. This is expected in summer of 2020.

Director Thomas stated staff has been in the office for 90 years and the yard facility for even longer. Staff and the Board are looking to put any fears to rest and do what makes the best sense for the shareholders and the Company.

Mr. Lee advised SAWCo has enough revenue coming in to support the capital improvement projects for a significant number of years without considering rate increases. Current rates should cover the need for a number of years.

Director Sanchez stated the Scope of Services mentions expectations for company facilities and lays out office elements and site elements to include. He inquired whether or not part of the study is to validate whether or not those suggestions are appropriate based on the needs of the company.

Mr. Lee responded those items are expectations and the architect is to come back and validate whether or not those expectations are accurate or inaccurate. The expectations were derived from previous work with the architect.

Director Filippi requested assurance that the concerns of the shareholder this evening are communicated.

Director Thomas stated the Board and staff want to make certain the shareholders are comfortable with the process.

Director Cable moved and Director Goss seconded to approve authorizing the General Manager to execute a time-and-material contract with Claremont Environmental Design Group (CEDG) with a not-to-exceed amount of \$40,000. Motion carried with Director Filippi opposed.

- D. Discussion and Possible Action on Cucamonga Crosswalls Environmental Mitigation–** Mr. Lee advised mitigation work was to begin this year however bids for the work reached over \$500,000 for the five year effort. Staff worked to develop a plan that would provide the best value for the effort. This resulted in a reduction in the size of the project from 22 acres to 9 acres, removing

the basin floors from mitigation activity. Additionally, maintenance activity was reduced to two visits per year; prior to native seed drop and early in the growth season.

These new conditions reduced the first year proposal from \$200,000 to \$71,229.60; including pre-seed site prep, seeding and return visit maintenance. This amount is slightly higher than budgeted but is feasible and after renegotiating the area required for mitigation Mr. Lee feels time constraints prevent further delay.

Director Zuniga inquired how long SAWCo has known it needed to complete this work.

Mr. Lee responded he believes the permit was issued in 2018. There may have been some misunderstanding with the transition from the previous general manager to him on how far along the item was in being completed.

Director Filippi inquired where the County of San Bernardino was with this issue.

Mr. Lee replied the County has been wonderful. The County inspector has been working with the contractor and staff through the entire process and is very satisfied.

Mr. Lee requested the Board authorize the General Manager to execute a time and material contract with Natures Image for a not-to-exceed amount of \$71,230 for completion of initial seeding and first year maintenance of Crosswalls Site.

Director Cable moved and Director Sanchez seconded to authorize the General Manager to execute a time and material contract with Natures Image for a not-to-exceed amount of \$71,230 for completion of initial seeding and first year maintenance of Crosswalls Site. Motion carried.

E. 2020 Activities Calendar – Mr. Lee presented the calendar and advised the only change up from the previous year was having the AFC meetings begin in January instead of the PROC meetings. This is proposed so that AFC will meet in November in preparation for the many items that have calendar year renewals.

Director Elliott moved and Director Zuniga seconded to approve the 2020 Activities Calendar as presented. Motion carried unanimously.

F. Board Gift – End of Year Luncheon – Mr. Lee advised this item was brought to the AFC for discussion and possible recommendation to the full Board of Directors. The AFC recommended the Board approve a \$1,250 per employee gift with prorating calculated for part-time employees.

Director Thomas provided a brief history of the Board Gift.

Director Cable commented the Board Gift is not a guaranteed item. It is a year to year item that takes into consideration the budget status at the end of the year.

Director Cable also encouraged management to inform employees of the increase in costs of the benefit packages that have been renewed for them this coming year.

Director Elliott moved and Director Cable seconded to approve the Board Gift of \$1,250 for full time employees with a prorated amount for part-time employees. Motion carried unanimously.

Staff reminded the Board of the End of Year Luncheon taking place December 5th at 11:30 a.m.

7. Closed Session: None.

8. Director's Comments and Future Agenda Items: None.

Adjournment: Director Thomas announced a special Budget Board Workshop will be held on Wednesday, December 4, 2019 at 3:00 p.m. in the San Antonio Water Company boardroom. The next regular Board Meeting is scheduled for Tuesday, December 17, 2019 at 5:00 p.m.

With no further business to discuss, Director Thomas adjourned the meeting at 6:29 p.m.

Assistant Secretary
Brian Lee

MINUTES OF THE SAN ANTONIO WATER COMPANY
 PLANNING, RESOURCES, and OPERATIONS COMMITTEE
 September 24, 2019

An open meeting of the Planning, Resources, and Operations Committee (PROC) of the San Antonio Water Company (SAWCo) was called to order at 3:02 p.m. on the above date at the company office located at 139 N. Euclid Avenue, Upland, California. Committee members present were Will Elliott, Gino Filippi, and Tom Thomas. Also in attendance were SAWCo's General Manager Brian Lee, Assistant General Manager Teri Layton, and Senior Administrative Specialist Kelly Mitchell. Mr. Elliott presided.

1. Recognitions and Presentations – None.
2. Additions-Deletions to the Agenda – None.
3. Public Comments – None.
4. Approval of Committee Meeting Minutes:
 - A. ***Regular Committee Minutes of July 23, 2019*** – Mr. Filippi moved and Mr. Thomas seconded to approve the meeting minutes of July 23, 2019 as presented. Motion carried.
5. Planning and Operational Issues:
 - A. ***System Mapping and GIS Database Project Proposals*** – Mr. Elliott inquired as to what staff's recommendation was for the project. Mr. Lee responded staff is recommending WSC Consulting for the project. Prior to discussion by the Committee, Mr. Lee advised he has previously contracted with WSC Consulting and is friends with the senior executive of the company.

Mr. Lee disbursed the cost proposals submitted by both firms. Though Mr. Lee thought either firm could perform the project well, he felt it came down to the method each firm used in presenting their proposal. PACE provided SAWCo with all of the features their firm could offer with a total cost of \$300,000. WSC Consulting contacted staff and inquired as to what the budget for the project was and worked around it. Mr. Lee stated this as his main reasoning for recommending WSC Consulting.

Mr. Filippi inquired as to whether Mr. Lee or Ms. Layton had ever worked with either firm in the past. Mr. Lee replied he had not worked with PACE previously but had worked with WSC Consulting. Ms. Layton replied she had not worked with either firm.

Mr. Thomas felt that though both firms seemed to do great work, SAWCo needs to stay within budget.

Mr. Lee advised he attempted to remove some of PACE's line items in order to compare the two firms costs more evenly, however, PACE's costs were still double that of WSC Consulting.

Mr. Lee explained this is simply the first round of the GIS project. During this portion of the project a GIS application will be put on tablets, laptops, or desktops to look up information. After that, it will be connected with scanned as-built drawings, easement information, etc. Hardware and software will need to be compatible and the costs for that are not included in this portion of the project. There is hopes that it will eventually connect with SAWCo's billing software.

Mr. Filippi felt the discussion to determine which firm to proceed with should include the full Board of Directors.

Mr. Filippi moved and Mr. Thomas seconded to bring the entire item to the Board for discussion and recommendation. Motion carried.

6. Planning and Operational Update -

A. ***Project Status Report*** –

- ***Reservoir 7*** – Reroofing – The change order was signed the previous day. Additional work will add 120 days to the project.
- ***Holly Drive Reservoir Phase II*** – Design plans are nearly complete.
- ***Cucamonga Crosswalls*** – Repair of the damage from last year's rainy season has begun.
- ***Campus Avenue Waterline*** – The project is currently in the submittal phase. Construction should begin shortly.

7. Basin Issues and Updates

- ***San Antonio Canyon Watershed*** – Ms. Layton reported staff member Debra Osgood attended the most recent meeting held September 11th. The Committee is in the process of obtaining a consultant to perform an update of the Water Sanitary Survey. Costs are shared with the City of Upland and the City of Pomona.

Ms. Osgood will contact the United States Forest Service to determine when the Forestry performs local cleanup in order to better coordinate the dates for watershed cleanup days. Ms. Osgood will also help create a quarterly report for spills in the Canyon and look for permits for septic systems as well as any septic failures that may have occurred in the area.

Mr. Thomas mentioned the potential of a bill expanding or creating a National Recreation Area that may infringe upon the watershed. He expressed some concern about how it may affect SAWCo's ability to capture water.

- ***Chino Basin*** – Ms. Layton stated that according to the Restated Judgment there are limits to the amount of compensation a committee member can receive each year. There are some disagreements as to the amount of the limit or whether or not there should be one.

A letter from Monte Vista Water District and the City of Ontario regarding the Optimum Basin Management Program (OBMP) Update is being circulated for signature. SAWCo plans to sign the letter.

September 24, 2019

The City of Ontario has expressed some concerns about the Rules and Regulations. SAWCo agrees with some of those concerns.

There is talk about setting term limits for the Board representatives. Representatives on the Appropriate Pool rotate out but other Pools have representatives that do not.

Due to agencies putting a lot of water in the basin for storage, a Storage Management Plan is being recommended to clarify what is to be done when storage limits are exceeded.

- ***Six Basins*** – Recent discussions have been focused on Municipal storm water. The next meeting is scheduled for September 25th.
- ***Cucamonga Basin*** – Staff will meet at Cucamonga Valley Water District on October 1st. The judgment has been reviewed in its entirety. Staff will now consolidate all the comments and begin working on the details to modernize the judgment.

8. Closed session: None.

9. Committee's Comments and Future Agenda Items: None.

Adjournment: –The meeting adjourned at 3:26 p.m.

Assistant Secretary
Brian Lee

Income Statement Group Summary

For Fiscal: 2019 Period Ending: 10/31/2019



San Antonio Water Company, CA

IncomeStatement	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Category: 4 - Income					
SubCategory: 40 - Shareholder Revenue					
1185 - Domestic Water Income (Base)	340,000.00	340,000.00	52,897.59	195,520.11	144,479.89
1215 - Domestic Water Income (Supplemental)	246,000.00	246,000.00	44,867.93	149,288.02	96,711.98
1220 - Domestic Water Income (Tier 3)	206,000.00	206,000.00	55,632.21	168,987.21	37,012.79
1230 - Domestic Water Income (Readi/Chrg)	200,000.00	200,000.00	33,457.85	166,818.67	33,181.33
1235 - Domestic Water Availability Charge (WAC)	60,000.00	60,000.00	10,300.26	50,860.62	9,139.38
1245 - Municipal Water Income (Base)	2,500,000.00	2,500,000.00	256,573.08	2,556,573.57	-56,573.57
1268 - Municipal Water Income (Readi/Chrg)	80,000.00	80,000.00	6,900.00	68,250.00	11,750.00
1274 - Misc Water Income (Base)	189,000.00	189,000.00	21,344.72	169,583.74	19,416.26
1275 - Misc Water Income (Supplemental)	174,000.00	174,000.00	19,549.13	116,869.73	57,130.27
1276 - Munnicipal Water Availability Charge (WAC)	477,000.00	477,000.00	39,730.00	397,226.00	79,774.00
1280 - Misc Water Income (Tier 3)	15,000.00	15,000.00	47,541.48	52,613.29	-37,613.29
1288 - Misc Water Income (Readi/Chrg)	23,000.00	23,000.00	2,050.00	19,310.00	3,690.00
1290 - Misc Water Availability Charge (WAC)	23,000.00	23,000.00	1,922.00	19,220.00	3,780.00
1295 - Dormant Water Availability Charge (WAC)	54,000.00	54,000.00	8,640.00	43,691.73	10,308.27
1302 - Meter Service Fees	0.00	0.00	0.00	3,881.00	-3,881.00
1400 - Stock Transfer	5,000.00	5,000.00	270.00	2,880.00	2,120.00
1405 - Capital Facility Connection Fee	0.00	0.00	0.00	10,725.00	-10,725.00
1410 - Late/Re-establishment Fee	5,000.00	5,000.00	1,260.00	5,535.00	-535.00
1420 - Return Check Fee	0.00	0.00	0.00	325.00	-325.00
1430 - Stock Certificate Storage and Handling Fee	0.00	0.00	40.00	140.00	-140.00
SubCategory: 40 - Shareholder Revenue Total:	4,597,000.00	4,597,000.00	602,976.25	4,198,298.69	398,701.31
SubCategory: 42 - Non-Shareholder Revenue					
1725 - Misc. Income	1,000.00	1,000.00	50.00	1,683.64	-683.64
1728 - Plans & Spec Fee	2,000.00	2,000.00	0.00	0.00	2,000.00
1750 - Service/Litigation Agreements	1,000.00	1,000.00	66.09	520.02	479.98
1753 - Ground Lease Income	52,000.00	52,000.00	4,707.84	48,268.56	3,731.44
1755 - Interest Earned	48,000.00	48,000.00	15,435.09	78,511.21	-30,511.21
1785 - Gain on Sale of Asset	344,000.00	344,000.00	0.00	343,059.45	940.55
1875 - Overhead Income	0.00	0.00	585.85	1,321.59	-1,321.59
SubCategory: 42 - Non-Shareholder Revenue Total:	448,000.00	448,000.00	20,844.87	473,364.47	-25,364.47
Category: 4 - Income Total:	5,045,000.00	5,045,000.00	623,821.12	4,671,663.16	373,336.84
Category: 5 - O & M Expense					
SubCategory: 50 - Operating Facilities					
2175 - Facility Related Field Labor	228,000.00	228,000.00	24,242.37	178,610.53	49,389.47
2235 - Repairs to Facilities and Equipment	393,000.00	393,000.00	16,479.72	3,459.26	389,540.74
2265 - Power-Gas & Electric (utilities)	725,000.00	725,000.00	75,477.60	522,720.07	202,279.93
SubCategory: 50 - Operating Facilities Total:	1,346,000.00	1,346,000.00	116,199.69	704,789.86	641,210.14
SubCategory: 51 - Operating Activities					
2475 - Customer Service	85,000.00	85,000.00	8,087.27	59,723.94	25,276.06
2498 - Conservation	45,000.00	45,000.00	2,249.80	15,879.19	29,120.81
SubCategory: 51 - Operating Activities Total:	130,000.00	130,000.00	10,337.07	75,603.13	54,396.87
SubCategory: 52 - Other Operating Expense					
2205 - Non-Facility Related Labor	87,000.00	87,000.00	11,267.11	67,211.99	19,788.01
2210 - O & M - All Other	2,000.00	2,000.00	0.00	7,401.85	-5,401.85
2295 - Supplies (Inventory & Tools Expense)	10,000.00	10,000.00	1,910.18	7,097.94	2,902.06
2565 - Depreciation/Amortization	822,000.00	822,000.00	78,087.30	762,555.99	59,444.01
2715 - Property Taxes	247,000.00	247,000.00	0.00	107,474.59	139,525.41
2805 - Water Resource Mgmt.	300,000.00	300,000.00	3,743.00	59,191.41	240,808.59

Income Statement

For Fiscal: 2019 Period Ending: 10/31/2019

IncomeStatement	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
2830 - Loss on Disposal of Asset	0.00	0.00	0.00	38,899.45	-38,899.45
SubCategory: 52 - Other Operating Expense Total:	1,468,000.00	1,468,000.00	95,007.59	1,049,833.22	418,166.78
Category: 5 - O & M Expense Total:	2,944,000.00	2,944,000.00	221,544.35	1,830,226.21	1,113,773.79
Category: 6 - G & A Expense					
SubCategory: 60 - Personnel					
2115 - Administrative Services	223,000.00	223,000.00	35,078.86	244,463.40	-21,463.40
2130 - Development/Water Svc. App.	2,000.00	2,000.00	81.98	502.41	1,497.59
2325 - Payroll Taxes	70,000.00	70,000.00	6,425.21	60,653.11	9,346.89
2355 - Worker's Compensation Insurance	18,000.00	18,000.00	1,522.00	12,754.00	5,246.00
2385 - Benefit Pay (Vac., sick, etc.)	143,000.00	143,000.00	15,308.41	131,323.73	11,676.27
2415 - Benefit Insurance (Pension,Life,Medical,Vision etc	223,000.00	223,000.00	19,929.55	185,542.52	37,457.48
2430 - Benefit Administrative Services	2,000.00	2,000.00	0.00	1,197.00	803.00
SubCategory: 60 - Personnel Total:	681,000.00	681,000.00	78,346.01	636,436.17	44,563.83
SubCategory: 61 - Other					
2445 - Office/IT Support	62,000.00	62,000.00	2,953.50	63,842.11	-1,842.11
2505 - Directors Fees & Expense	35,000.00	35,000.00	2,884.35	27,221.67	7,778.33
2535 - Liability Insurance	32,000.00	32,000.00	1,037.00	29,928.00	2,072.00
2595 - Communication	92,000.00	92,000.00	3,325.81	61,474.43	30,525.57
2625 - Dues & Publications	4,000.00	4,000.00	433.00	3,176.95	823.05
2655 - Outside Services	81,000.00	81,000.00	288.42	10,778.53	70,221.47
2745 - Income Tax Expense	8,000.00	8,000.00	0.00	9,900.00	-1,900.00
2775 - Accounting	59,000.00	59,000.00	5,892.89	54,620.52	4,379.48
2776 - Legal	242,000.00	242,000.00	6,134.50	163,773.45	78,226.55
2790 - Human Resources Expense	39,000.00	39,000.00	4,238.48	36,207.10	2,792.90
2865 - All other	40,000.00	40,000.00	2,445.81	19,709.58	20,290.42
SubCategory: 61 - Other Total:	694,000.00	694,000.00	29,633.76	480,632.34	213,367.66
Category: 6 - G & A Expense Total:	1,375,000.00	1,375,000.00	107,979.77	1,117,068.51	257,931.49
Total Surplus (Deficit):	726,000.00	726,000.00	294,297.00	1,724,368.44	

Fund Summary

Fund	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
10 - 10	726,000.00	726,000.00	294,297.00	1,724,368.44	-998,368.44
Total Surplus (Deficit):	726,000.00	726,000.00	294,297.00	1,724,368.44	

Balance Sheet

Account Summary

As Of 10/31/2019



San Antonio Water Company, CA

Account	Name	Balance
Fund: 10 - 10		
Assets		
BalSubCategory: 10 - Cash		
10-00-00-10100-00000	Petty Cash	250.00
10-00-00-10200-00000	Checking Account	1,978,011.99
10-00-00-10300-00000	Savings-Money Market	2,199,510.02
10-00-00-10400-00000	Savings-CD Accounts	20,000.00
10-00-00-10415-00000	D&O Checking Account	111,874.41
10-00-00-10438-00000	Depre/Obsolescence Res (LAIF)	2,290,364.26
	Total BalSubCategory 10 - Cash:	6,600,010.68
BalSubCategory: 11 - Accounts Receivable		
10-00-00-11100-00000	Accounts Receivable-Domestic	191,141.50
10-00-00-11200-00000	Accounts Receivable-Municipal	303,203.08
10-00-00-11250-00000	Accounts Receivable-Misc.	92,375.33
10-00-00-11260-00000	Accounts Receivable - Dormant	9,139.93
10-00-00-11275-00000	Contra Accounts Receivable - Unapplic	-12,924.71
10-00-00-11300-00000	Accounts Receivable-Other	215,773.09
10-00-00-11301-00000	Note Receivable	1,376,000.00
	Total BalSubCategory 11 - Accounts Receivable:	2,174,708.22
BalSubCategory: 12 - Inventory		
10-00-00-12100-00000	Inventories-Materials & Supply	90,655.78
	Total BalSubCategory 12 - Inventory:	90,655.78
BalSubCategory: 13 - Prepaid		
10-00-00-13100-00000	Prepaid Insurance	8,868.75
10-00-00-13105-00000	PREPAID POSTAGE	369.00
	Total BalSubCategory 13 - Prepaid:	9,237.75
BalSubCategory: 14 - Investments		
10-00-00-14150-00000	P.V.P.A. Investment	1.00
10-00-00-14151-00000	457B Plan Investment	15,418.69
	Total BalSubCategory 14 - Investments:	15,419.69
BalSubCategory: 15 - Property, Plant, & Equipment		
10-00-00-15100-00000	Land & Water Rights	920,161.26
10-00-00-15110-1507J	Work in Progress "Proj J"	41,133.01
10-00-00-15110-1601N	Work in Progress	25,090.11
10-00-00-15110-1602U	Work in Progress	465,784.96
10-00-00-15110-1701A	Work in Progress	1,071,817.07
10-00-00-15110-1806K	Work In Progress	14,968.94
10-00-00-15110-1807P	Work In Progress	34,599.08
10-00-00-15110-1808D	Work In Progress	118,172.84
10-00-00-15110-1901	Work In Progress	400.00
10-00-00-15110-1903	Work in Progress	23,111.19
10-00-00-15150-00000	Buildings & Site Improvements	1,746,624.52
10-00-00-15200-00000	Wells-Shafts, Bldgs, & Equip	4,877,875.22
10-00-00-15250-00000	Boosters-Bldgs & Equip	2,448,690.30
10-00-00-15300-00000	Reservoirs	1,712,021.73
10-00-00-15350-00000	Tunnels, Forebay, & Ponds	1,587,111.19
10-00-00-15400-00000	Spreading Works-Cucamonga Wash	54,859.53
10-00-00-15410-00000	Spreading Works-SanAntonio Wsh	50,235.18
10-00-00-15450-00000	Pipelines	15,902,363.47
10-00-00-15500-00000	Autos & Equipment	540,971.92
10-00-00-15550-00000	Tools	98,350.22
10-00-00-15600-00000	Telemetry System	482,714.06
10-00-00-15650-00000	Office Equipment	504,046.38

Balance Sheet

As Of 10/31/2019

Account	Name	Balance
10-00-00-15990-00000	Accumulated Depreciation	-12,519,511.28
Total BalSubCategory 15 - Property, Plant, & Equipment:		20,201,590.90
BalSubCategory: 16 - Other Assets		
10-00-00-16100-00000	Documents & Studies	867,778.67
10-00-00-16990-00000	Accumulated Amortization	-622,846.64
Total BalSubCategory 16 - Other Assets:		244,932.03
Total Assets:		29,336,555.05
		<u>29,336,555.05</u>
Liability		
BalSubCategory: 13 - Prepaid		
10-00-00-20650-00000	Deferred Revenue Deposit	6,432.00
Total BalSubCategory 13 - Prepaid:		6,432.00
BalSubCategory: 20 - Short-term less than 1 year		
10-00-00-20100-00000	Trade Accounts Payable	83,543.62
10-00-00-20115-00000	D&O Trade Accounts Payable	65,104.04
10-00-00-20600-00000	Water Hydrant Meter Deposit	1,700.00
10-00-GN-20820-00000	Accrued Vacation Payable	20,404.60
10-00-OP-20820-00000	Accrued Vacation Payable	24,818.57
Total BalSubCategory 20 - Short-term less than 1 year:		195,570.83
BalSubCategory: 21 - Long-term more than 1 year		
10-00-00-20152-00000	457B Deferred Comp Liability	15,388.69
10-00-00-21500-00000	Unclaimed Credits	541,561.76
10-00-00-22100-00000	Deferred Gain	1,372,237.78
Total BalSubCategory 21 - Long-term more than 1 year:		1,929,188.23
Total Liability:		2,131,191.06
Equity		
BalSubCategory: 30 - Stockholder equity		
10-00-00-30200-00000	Contributed Capital - Ext. Fee	447,258.02
10-00-00-30210-00000	Contr. Property, Plant & Equip	2,426,040.00
10-00-00-30300-00000	Capital Account	1,500,000.00
10-00-00-30310-00000	Unissued Capital Stock	-861,100.00
10-00-00-30400-00000	Retained Earngs-Brd Designated	3,529,386.35
10-00-00-30410-00000	Retained Earnings-Unrestricted	18,439,411.18
Total BalSubCategory 30 - Stockholder equity:		25,480,995.55
Total Beginning Equity:		25,480,995.55
Total Revenue		4,671,663.16
Total Expense		2,947,294.72
Revenues Over/Under Expenses		1,724,368.44
Total Equity and Current Surplus (Deficit):		27,205,363.99
Total Liabilities, Equity and Current Surplus (Deficit):		<u>29,336,555.05</u>

Monthly Investment Activity Summary - Compiled from Banking Statements for Correlation with Monthly Financials

Institution	Type of Investment	Date of Maturity	Rate of Interest	Amount of Deposit as of 10/31/2019	*Accumulated Yearly Service Fees	Accumulated Yearly Interest Earnings
					thru October	thru October
Citizens Business Bank (CBB)	*Checking	N/A	No Interest	1,978,011.99	-	N/A
Citizens Business Bank (CBB)	*D&O Checking	N/A	No Interest	111,874.41		N/A
Citizens Business Bank	Pref. Money Mrkt	N/A	0.3500%	2,199,510.02		3,975.24
Local Agency Investment Fund	LAIF	N/A	2.190%	2,290,364.26		74,359.04
Golden State Business Bank	12 Month C.D.	April 15,2020	1.50%	20,000.00		176.93
TOTAL:				\$ 6,599,760.68		
TOTAL IN CD'S:				\$ 20,000.00		

2019 Production

Item 4G

CHINO BASIN													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Yearly Production Rights = 1232	30.28%	30.28%	30.28%	30.33%	30.38%	30.54%	0.43%	8.95%	18.43%	28.50%	38.17%	-	-
Well #12 - inactive	-	-	-	-	-	-	-	-	-	-	-	-	-
Well #15 - Domestic	0.12	-	-	0.15	-	0.01	0.19	-	-	-	0.10	-	0.57
Well #16 - Domestic	3.10	0.01	-	0.48	0.60	1.93	5.05	104.98	116.81	124.15	119.02	-	476.13
Well#18 - inactive	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	3.22	0.01	-	0.63	0.60	1.94	5.24	104.98	116.81	124.15	119.12	-	476.70
CUCAMONGA BASIN													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Yearly Production Rights = 5818 (1318 10-yr Average Spread)	3.45%	6.17%	10.74%	21.52%	31.14%	42.70%	55.35%	67.65%	76.50%	86.00%	91.33%	-	-
Well #2	113.84	98.91	115.79	107.80	106.94	106.71	111.32	110.06	104.35	108.34	108.11	-	1,192.18
Well #3	0.29	-	-	0.28	0.01	3.43	10.71	-	5.27	0.19	-	-	20.19
Well#19 - inactive	-	-	-	-	-	-	-	-	-	-	-	-	-
Well #22	3.83	2.42	12.12	35.03	18.54	49.38	61.31	59.31	40.16	45.60	19.37	-	347.05
Well #24	1.95	-	-	312.87	253.47	340.46	321.51	337.39	337.47	349.32	157.03	-	2,411.47
Well #31	4.80	2.97	-	0.45	-	1.45	0.68	4.99	27.94	49.09	25.96	-	118.33
Well #32 - Domestic	-	-	-	-	0.00	0.01	(0.00)	-	-	-	-	-	0.00
Upl. # 15 (SAWCo's Rts)	75.77	54.01	137.86	171.00	180.61	171.37	230.10	203.69	-	-	-	-	1,224.41
Subtotal	200.49	158.32	265.78	627.43	559.57	672.80	735.63	715.43	515.19	552.53	310.47	-	5,313.63
Upl. # 15 (WECWCo's Rts) Memo Only	-	-	-	-	-	-	-	-	193.04	176.59	185.00	-	554.63
SIX BASINS													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Yearly Production Rights = 932	8.79%	16.77%	25.45%	34.14%	43.60%	54.18%	66.51%	78.73%	91.17%	103.83%	115.89%	-	-
Well #25-A	-	-	-	-	-	-	-	-	-	-	-	-	-
Well #26	42.24	36.47	38.15	41.15	46.37	46.96	51.30	46.97	47.79	49.31	47.38	-	494.08
Well 27-A	39.70	37.94	42.77	39.78	41.86	51.67	63.63	66.91	68.14	68.68	65.06	-	586.14
Subtotal	81.94	74.41	80.91	80.93	88.23	98.63	114.93	113.88	115.93	117.99	112.45	-	1,080.22
TOTAL PUMPED	285.64	232.73	346.70	708.99	648.40	773.37	855.80	934.29	747.93	794.66	542.04	-	6,870.54
GRAVITY FLOW													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
V screen	269.12	555.06	1,163.58	1,184.24	1,189.78	1,046.08	695.77	455.22	306.63	252.45	213.77	-	7,331.71
backwash from city treatment plant	0.23	0.36	0.31	0.78	0.66	0.61	0.71	0.64	0.65	0.38	0.41	-	5.74
San Antonio Tunnel (forebay)	204.97	209.12	238.43	270.71	278.07	260.73	272.54	240.76	199.22	207.07	222.61	-	2,604.22
Frankish & Stamm Tunnel to Basin 3	-	38.66	37.72	30.19	25.19	19.54	3.57	-	-	-	-	-	154.87
San Ant. Tunnel Connect to City	-	-	-	-	-	-	-	-	-	-	-	-	-
Discharge to waste	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GRAVITY	474.31	803.21	1,440.04	1,485.92	1,493.70	1,326.96	972.58	696.62	506.51	459.90	436.79	-	10,096.54
Monthly													
San Antonio Tunnel	204.97	209.12	238.43	270.71	278.07	260.73	272.54	240.76	199.22	207.07	222.61	-	2,604.22
V Screen, Frankish & Stamm Tunnel and TP Backwash	269.34	594.09	1,201.61	1,215.21	1,215.63	1,066.24	700.04	455.87	307.28	252.83	214.18	-	7,492.31
Gravity Production	474.31	803.21	1,440.04	1,485.92	1,493.70	1,326.96	972.58	696.62	506.51	459.90	436.79	-	10,096.54
Cumulative													
San Antonio Tunnel	204.97	414.09	652.52	923.23	1,201.30	1,462.03	1,734.57	1,975.32	2,174.55	2,381.61	2,604.22	-	2,604.22
V Screen, Frankish & Stamm Tunnel and TP Backwash	269.34	863.43	2,065.04	3,280.25	4,495.88	5,562.11	6,262.15	6,718.02	7,025.30	7,278.13	7,492.31	-	7,492.31
Gravity Production	474.31	1,277.52	2,717.56	4,203.48	5,697.18	7,024.14	7,996.72	8,693.34	9,199.85	9,659.75	10,096.54	-	10,096.54
Purchased Water - Upl. City to Dom. Sys.	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Production	759.96	1,035.94	1,786.74	2,194.91	2,142.10	2,100.33	1,828.38	1,630.92	1,254.43	1,254.56	978.83	-	16,967.08
Total Cumulative Production	759.96	1,795.89	3,582.63	5,777.53	7,919.63	10,019.96	11,848.34	13,479.26	14,733.69	15,988.25	16,967.08	-	16,967.08
Domestic Production													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Domestic Production	208.19	209.12	238.43	271.34	278.67	262.67	277.77	345.74	316.03	331.21	341.74	-	3,080.93
Irrigation Production	551.77	826.81	1,548.31	1,923.57	1,863.43	1,837.66	1,550.61	1,285.17	938.40	923.35	637.09	-	13,886.15
Rainfall (Inches)													
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
RainFall (Inches)	8.63	12.02	9.13	0.41	3.16	0.20	-	-	0.22	-	3.70	-	-
Cumulative (Inches)	8.63	20.65	29.78	30.19	33.35	33.55	33.55	33.55	33.77	33.77	37.47	-	-

2019 Consumption

DOMESTIC	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Dom. Sys. - Base	30.06	30.06	47.54	47.54	64.57	64.57	98.01	98.01	120.44	58.40	77.96	-	737.16
Dom. Sys. - Supplemental	6.95	6.95	13.58	13.58	13.86	13.86	32.89	32.89	16.22	41.84	13.60	-	206.22
Dom Sys - Tier 3	5.83	5.83	6.37	6.37	4.27	4.27	19.94	19.94	4.72	29.64	4.05	-	111.23
Dom. Sys. - Del. to Upland(24th/Campus)	116.96	105.02	118.68	81.68	64.91	55.59	35.29	26.55	66.25	63.77	72.46	-	807.16
Dom. Sys. -Del. To Upland (Well 16/15)	-	-	-	-	-	-	-	104.98	18.74	60.70	74.74	-	259.17
Dom. Sys. - Del. to Upland(24th/Mtn)-installed 4/2/19	-	-	-	63.51	76.54	58.94	44.18	35.70	41.70	37.77	48.37	-	406.70
Tunnel meter to the Upland	-	-	-	-	-	-	-	-	-	-	-	-	-
Discharge to waste	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	159.80	147.86	186.17	212.68	224.15	197.23	230.31	318.07	268.07	292.12	291.17	-	2,527.64

Truck Loads - note only crosswall projects	-	-	-	-	-	-	-	-	-	-	-	-	-
Well 32 Hydrant Mtr. - note only(started 8/6/18)Crosswalls	-	-	-	-	-	-	-	-	68.46	35.34	-	-	103.80

Irr. Note only Del. to MVWD(wheeled through Upland)	-	-	-	-	-	-	-	38.31	44.72	15.49	-	-	98.51
---	---	---	---	---	---	---	---	-------	-------	-------	---	---	-------

IRRIGATION	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Irrig. Sys.-Upland(Pump & Rec'd) (City W#15)	75.77	54.01	137.86	171.00	180.61	171.37	230.10	203.69	-	-	-	-	1,224.41
Irrig. Sys. - Upl. City - Tier 1	176.98	147.35	215.02	603.61	580.75	703.70	734.38	702.76	703.42	595.56	437.27	-	5,600.79
Irrig. Sys. - Upl. City - Tier 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Monte Vista - Tier 1	34.20	34.80	41.00	42.70	47.00	51.40	51.61	89.92	92.82	64.69	47.80	-	597.94
Irrig. Sys. - Monte Vista - Tier 2	-	-	-	-	-	-	4.29	3.09	-	-	-	-	7.38
Irrig. Sys. - Ont. City - Tier 1	30.30	30.80	36.30	37.90	41.70	45.60	46.21	46.21	42.60	43.70	42.30	-	443.62
Irrig. Sys. - Ont. City - Tier 2	-	-	-	-	-	-	3.39	2.39	-	-	-	-	5.78
Irrig. Sys. - Cucamonga Valley - Tier 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Cucamonga Valley - Tier 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Holiday Rock Co - Tier 1	13.41	13.00	15.39	17.15	21.10	25.94	29.24	29.24	29.24	23.75	17.15	-	234.61
Irrig. Sys. - Holiday Rock Co - Tier 2	6.91	-	9.08	17.15	15.76	20.88	16.69	6.69	26.98	23.75	17.15	-	161.03
Irrig. Sys. - Holiday Rock Co - Tier 3	-	-	-	2.85	-	-	-	-	-	28.87	13.20	-	44.92
Irrig. Sys. - Red Hill Golf Course - Tier 1	3.79	2.33	11.67	28.30	17.87	42.81	48.25	48.25	38.26	39.19	18.56	-	299.28
Irrig. Sys. - Red Hill Golf Course - Tier 2	-	-	-	4.98	-	4.25	10.81	8.84	-	4.18	-	-	33.06
Irrig. Sys. - Red Hill Golf Course - Tier 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Red Hills HOA - Tier 1	0.02	-	0.24	0.09	1.17	1.44	1.79	1.95	1.46	0.55	1.30	-	9.99
Irrig. Sys. - Red Hills HOA - Tier 2	-	-	-	-	-	-	-	-	-	-	0.17	-	0.17
Irrig. Sys. - Red Hills HOA - Tier 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Minor Irrigators - Tier 1	0.21	0.12	0.23	3.03	1.12	4.79	5.42	8.25	5.05	4.40	3.28	-	35.89
Irrig. Sys. - Minor Irrigators - Tier 2	-	-	-	0.30	0.11	-	1.08	1.49	2.32	1.46	0.72	-	7.46
Irrig. Sys. - Minor irrigators - Tier 3	-	-	-	-	-	-	-	0.04	0.21	-	1.16	-	1.40
TOTAL	341.59	282.41	466.78	929.07	907.18	1,072.16	1,183.26	1,152.79	942.34	830.09	600.04	-	8,707.72

COMPANY TOTALS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
San Antonio Heights	42.84	42.84	67.49	67.49	82.70	82.70	150.84	150.84	141.38	129.88	95.61	-	1,054.61
City of Upland	369.72	306.38	471.57	919.80	902.80	989.59	1,043.95	1,073.67	830.12	757.80	632.83	-	8,298.22
Monte Vista Water District	34.20	34.80	41.00	42.70	47.00	51.40	55.90	93.01	92.82	64.69	47.80	-	605.31
City of Ontario	30.30	30.80	36.30	37.90	41.70	45.60	49.60	48.60	42.60	43.70	42.30	-	449.40
Cucamonga Valley Water District	-	-	-	-	-	-	-	-	-	-	-	-	-
Holiday Rock Company	20.32	13.00	24.46	37.16	36.86	46.82	45.93	35.93	56.22	76.36	47.50	-	440.55
Red Hills Golf Course	3.79	2.33	11.67	33.29	17.87	47.06	59.06	57.09	38.26	43.36	18.56	-	332.34
Red Hill HOA	0.02	-	0.24	0.09	1.17	1.44	1.79	1.95	1.46	0.55	1.46	-	10.15
Minor Irrigators	0.21	0.12	0.23	3.33	1.23	4.79	6.50	9.77	7.57	5.86	5.16	-	44.76
TOTAL	501.39	430.27	652.95	1,141.75	1,131.33	1,269.40	1,413.57	1,470.86	1,210.42	1,122.21	891.22	-	11,235.35

IRRIGATORS	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Irrigator Emberton	0.13	0.06	0.11	0.28	0.55	0.41	0.98	1.48	1.64	0.05	2.00	-	7.69
Irrigator McMurray	-	-	-	-	-	-	-	0.60	-	-	-	-	0.60
Irrigator Mistretta	-	-	-	0.60	0.52	0.44	0.74	0.69	-	0.65	0.60	-	4.24
Irrigator Nisbit	-	-	-	-	-	1.24	-	1.97	-	0.48	-	-	3.69
Irrigator Scheu	-	-	-	2.00	-	2.17	4.00	4.92	4.92	4.00	2.00	-	23.08
Irrigator Pfister	0.08	0.06	0.12	0.45	0.16	0.53	0.78	1.03	1.01	0.68	0.55	-	5.46

2019 Spread

Cucamonga Basin	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
23rd St. (Meter) - Basin 6 - A	17.16	118.08	330.47	263.66	168.74	68.96	6.30	0.02	-	-	0.65	-	974.04
15th Street Basin	-	-	61.78	71.43	63.42	16.46	-	-	-	-	-	-	213.10
Basin 3 meter (23rd street Clock)	95.67	147.16	246.19	233.74	266.25	219.49	101.73	51.31	26.73	39.82	55.30	-	1,483.41
Frankish & Stamm Tunnel to Basin 3	-	38.66	37.72	30.19	25.19	19.54	3.57	-	-	-	-	-	154.87
Vscreen via Frankish & Stamm Meter to Basin 3	9.74	-	-	-	-	-	-	-	-	-	-	-	9.74
PRV Station (res 1)/basin 6)	8.65	47.79	131.37	132.80	120.47	45.62	1.00	-	-	29.29	0.28	-	517.26
Monthly Spread	131.22	351.69	807.53	731.83	644.08	370.07	112.59	51.33	26.73	69.11	56.23	-	3,352.42
Cumulative Spread	131.22	482.91	1,290.45	2,022.28	2,666.36	3,036.43	3,149.02	3,200.35	3,227.09	3,296.19	3,352.42	-	

Six Basins

Note: City of Upland Well Exercising may contribute to spread

Monthly Spread	117.06	185.99	31.89	0.00	-	-	-	-	12.56	68.72	40.60	-	456.83
Cumulative Spread	117.06	303.05	334.95	334.95	334.95	334.95	334.95	334.95	347.51	416.23	456.83	-	

Chino Basin

Monthly Spread	18.83	105.60	178.76	449.88	446.58	482.03	305.82	17.93	-	-	-	-	2,005.43
Cumulative Spread	18.83	124.43	303.19	753.06	1,199.65	1,681.68	1,987.50	2,005.43	2,005.43	2,005.43	2,005.43	-	

Company Wide

Monthly Spread	267.11	643.28	1,018.19	1,181.71	1,090.67	852.10	418.42	69.26	39.29	137.83	96.83	-	5,814.69
Cumulative Spread	267.11	910.39	1,928.58	3,110.29	4,200.95	5,053.06	5,471.47	5,540.74	5,580.03	5,717.86	5,814.69	-	

Meter to spread ponds (NOTE ONLY)	67.19	29.91	9.95	16.59	20.38	-	-	185.93	83.18	81.83	81.19	-	576.15
-----------------------------------	-------	-------	------	-------	-------	---	---	--------	-------	-------	-------	---	--------

2019 Production v Consumption

Yearly %	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
	8%	17%	25%	33%	42%	50%	58%	67%	75%	83%	92%	100%

Consumption versus Entitlement, Company Wide **Active Shares**

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Consumption	501.39	430.27	652.95	1,141.75	1,131.33	1,269.40	1,413.57	1,470.86	1,210.42	1,122.21	891.22	-	
Cumulative Consumption	501.39	931.66	1,584.61	2,726.36	3,857.69	5,127.09	6,540.65	8,011.52	9,221.93	10,344.14	11,235.35	-	11,235.35
Cumulative Entitlement (straight line)	966.97	1,933.95	2,900.92	3,867.90	4,834.87	5,801.85	6,768.82	7,735.80	8,702.77	9,669.74	10,636.72	-	11,604
% of Entitlement	4.32%	8.03%	13.66%	23.50%	33.25%	44.18%	56.37%	69.04%	79.47%	89.15%	96.83%	0.00%	96.8%

Consumption versus Entitlement, Company Wide **Total Shares**

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Consumption	501.39	430.27	652.95	1,141.75	1,131.33	1,269.40	1,413.57	1,470.86	1,210.42	1,122.21	891.22	-	
Cumulative Consumption	501.39	931.66	1,584.61	2,726.36	3,857.69	5,127.09	6,540.65	8,011.52	9,221.93	10,344.14	11,235.35	-	11,235.35
Cumulative Entitlement (straight line)	1,000.00	2,000.00	3,000.00	4,000.00	5,000.00	6,000.00	7,000.00	8,000.00	9,000.00	10,000.00	11,000.00	-	12,000
% of Entitlement	4.18%	7.76%	13.21%	22.72%	32.15%	42.73%	54.51%	66.76%	76.85%	86.20%	93.63%	0.00%	93.6%

Production versus Consumption, Company Wide

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Production	759.96	1,035.94	1,786.74	2,194.91	2,142.10	2,100.33	1,828.38	1,630.92	1,254.43	1,254.56	978.83	-	16,967.08
Consumption	501.39	430.27	652.95	1,141.75	1,131.33	1,269.40	1,413.57	1,470.86	1,210.42	1,122.21	891.22	-	11,235.35
Spread	267.11	643.28	1,018.19	1,181.71	1,090.67	852.10	418.42	69.26	39.29	137.83	96.83	-	5,814.69
Total Consumption	768.51	1,073.54	1,671.14	2,323.46	2,222.00	2,121.50	1,831.98	1,540.12	1,249.71	1,260.03	988.04	-	17,050.04
Difference	(8.55)	(37.61)	115.59	(128.55)	(79.90)	(21.17)	(3.60)	90.79	4.72	(5.47)	(9.22)	-	(82.96)
% of Production	-1.1%	-3.6%	6.5%	-5.9%	-3.7%	-1.0%	-0.2%	5.6%	0.4%	-0.4%	-0.9%	0.0%	-0.5%

Production versus Consumption, Domestic System

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Production	208.19	209.12	238.43	271.34	278.67	262.67	277.77	345.74	316.03	331.21	341.74	-	3,080.93
Consumption	159.80	147.86	186.17	212.68	224.15	197.23	230.31	318.07	268.07	292.12	291.17	-	2,527.64
Monthly Difference	48.39	61.27	52.26	58.66	54.52	65.44	47.47	27.67	47.96	39.10	50.56	-	553.29
% difference	30.28%	41.44%	28.07%	27.58%	24.32%	33.18%	20.61%	8.70%	17.89%	13.38%	17.37%	0.00%	21.9%

Production versus Consumption, Irrigation System

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Production	551.77	826.81	1,548.31	1,923.57	1,863.43	1,837.66	1,550.61	1,285.17	938.40	923.35	637.09	-	13,886.15
Addition from Domestic	48.39	61.27	52.26	58.66	54.52	65.44	47.47	27.67	47.96	39.10	50.56	-	553.29
Total Production	600.15	888.08	1,600.57	1,982.23	1,917.95	1,903.10	1,598.08	1,312.84	986.36	962.45	687.66	-	14,439.44
Consumption	608.70	925.69	1,484.97	2,110.77	1,997.85	1,924.27	1,601.68	1,222.05	981.63	967.92	696.87	-	14,522.40
Monthly Difference	(8.55)	(37.61)	115.59	(128.55)	(79.90)	(21.17)	(3.60)	90.79	4.72	(5.47)	(9.22)	-	(82.96)
% difference	-1.40%	-4.06%	7.78%	-6.09%	-4.00%	-1.10%	-0.22%	7.43%	0.48%	-0.57%	-1.32%	0.00%	-0.6%

2019 GW Production Rights

Yearly %	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
	8%	17%	25%	33%	42%	50%	58%	67%	75%	83%	92%	100%

Chino Basin Production Water Year 18-19

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
18-19 Production	3.22	0.01	-	0.63	0.60	1.94							
18-19 Cumulative Production	373.05	373.05	373.05	373.68	374.29	376.23							6.40
Cumulative Production Rights	718.67	821.33	924.00	1,026.67	1,129.33	1,232.00							1,232
% of Production Rights 2018-19	30.28%	30.28%	30.28%	30.33%	30.38%	30.54%							

Chino Basin Production Water Year 19-20

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
19-20 Production							5.24	104.98	116.81	124.15	119.12	-	
19-20 Cumulative Production							5.24	110.22	227.03	351.18	470.30	-	470.30
Cumulative Production Rights							102.67	205.33	308.00	410.67	513.33	616.00	1,232
% of Production Rights 2019-20							0.43%	8.95%	18.43%	28.50%	38.17%	-	

Chino Basin Production

Monthly	3.22	0.01	-	0.63	0.60	1.94	5.24	104.98	116.81	124.15	119.12	-	
Cumulative	3.22	3.22	3.22	3.85	4.46	6.40	11.64	116.62	233.43	357.58	476.70	-	

Cucamonga Basin Production

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Production	200.49	158.32	265.78	627.43	559.57	672.80	735.63	715.43	515.19	552.53	310.47	-	
Cumulative Production	200.49	358.80	624.58	1,252.01	1,811.58	2,484.38	3,220.02	3,935.44	4,450.64	5,003.16	5,313.63	-	5,313.63
Cumulative Production Rights	484.81	969.63	1,454.44	1,939.26	2,424.07	2,908.89	3,393.70	3,878.51	4,363.33	4,848.14	5,332.96	-	5,818
% of Production Rights	3.45%	6.17%	10.74%	21.52%	31.14%	42.70%	55.35%	67.65%	76.50%	86.00%	91.33%	-	91.3%

Six Basins Production

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR
Production	81.94	74.41	80.91	80.93	88.23	98.63	114.93	113.88	115.93	117.99	112.45	-	
Cumulative Production	81.94	156.35	237.26	318.19	406.42	505.05	619.98	733.86	849.78	967.77	1,080.22	-	1,080.22
Cumulative Production Rights	77.68	155.35	233.03	310.70	388.38	466.05	543.73	621.40	699.08	776.75	854.43	-	932
% of Production Rights	8.79%	16.77%	25.45%	34.14%	43.60%	54.18%	66.51%	78.73%	91.17%	103.83%	115.89%	-	115.9%

2019 Consumption Analysis

Yearly %	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
	8%	17%	25%	33%	42%	50%	58%	67%	75%	83%	92%	100%

COMPANY TOTALS

Active Shares

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares
Consumption	501.39	430.27	652.95	1,141.75	1,131.33	1,269.40	1,413.57	1,470.86	1,210.42	1,122.21	891.22	-		6,178
Cumulative Consumption	501.39	931.66	1,584.61	2,726.36	3,857.69	5,127.09	6,540.65	8,011.52	9,221.93	10,344.14	11,235.35	-	11,235.35	
Cumulative Entitlement	908.33	1,816.66	2,740.29	3,677.59	4,645.50	5,650.87	6,681.79	7,712.72	8,743.65	9,732.02	10,669.31	-	11,603.69	
% of Yearly Entitlement*	4.32%	8.03%	13.66%	23.50%	33.25%	44.18%	56.37%	69.04%	79.47%	89.15%	96.83%	105.88%	96.83%	

COMPANY TOTALS

All Shares

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares
Consumption	501.39	430.27	652.95	1,141.75	1,131.33	1,269.40	1,413.57	1,470.86	1,210.42	1,122.21	891.22	-		6,389
Cumulative Consumption	501.39	931.66	1,584.61	2,726.36	3,857.69	5,127.09	6,540.65	8,011.52	9,221.93	10,344.14	11,235.35	-	11,235.35	
Cumulative Entitlement	1,000.00	2,000.00	3,000.00	4,000.00	5,000.00	6,000.00	7,000.00	8,000.00	9,000.00	10,000.00	11,000.00	-	12,000.00	
% of Yearly Entitlement*	4.18%	7.76%	13.21%	22.72%	32.15%	42.73%	54.51%	66.76%	76.85%	86.20%	93.63%	102.38%	93.63%	

San Antonio Heights

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares
Consumption	42.84	42.84	67.49	67.49	82.70	82.70	150.84	150.84	141.38	129.88	95.61	-		624
Cumulative Consumption	42.84	85.68	153.17	220.66	303.36	386.06	536.90	687.74	829.12	959.00	1,054.61	-	1,054.61	
Cumulative Entitlement	63.22	126.45	198.99	279.85	379.34	501.63	639.49	777.34	915.20	1,027.14	1,108.00	-	1,171.08	
% of Yearly Entitlement*	3.66%	7.32%	13.08%	18.84%	25.90%	32.97%	45.85%	58.73%	70.80%	81.89%	90.05%	99.03%	90.05%	

City of Upland

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares
Consumption	369.72	306.38	471.57	919.80	902.80	989.59	1,043.95	1,073.67	830.12	757.80	632.83	-		4,515
Cumulative Consumption	369.72	676.10	1,147.66	2,067.46	2,970.26	3,959.86	5,003.80	6,077.48	6,907.59	7,665.39	8,298.22	-	8,298.22	
Cumulative Entitlement	706.64	1,413.29	2,119.93	2,826.58	3,533.22	4,239.87	4,946.51	5,653.15	6,359.80	7,066.44	7,773.09	-	8,479.73	
% of Yearly Entitlement*	4.36%	7.97%	13.53%	24.38%	35.03%	46.70%	59.01%	71.67%	81.46%	90.40%	97.86%	107.64%	97.86%	

Monte Vista Water District

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares
Consumption	34.20	34.80	41.00	42.70	47.00	51.40	55.90	93.01	92.82	64.69	47.80	-		330
Cumulative Consumption	34.20	69.00	110.00	152.70	199.70	251.10	307.00	400.01	492.82	557.51	605.31	-	605.31	
Cumulative Entitlement	51.61	103.22	154.84	206.45	258.06	309.67	361.29	412.90	464.51	516.12	567.73	-	619.35	
% of Yearly Entitlement*	5.52%	11.14%	17.76%	24.66%	32.24%	40.54%	49.57%	64.59%	79.57%	90.02%	97.73%	105.65%	97.73%	

City of Ontario

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares
Consumption	30.30	30.80	36.30	37.90	41.70	45.60	49.60	48.60	42.60	43.70	42.30	-		295
Cumulative Consumption	30.30	61.10	97.40	135.30	177.00	222.60	272.20	320.80	363.40	407.10	449.40	-	449.40	
Cumulative Entitlement	46.21	92.42	138.64	184.85	231.06	277.27	323.49	369.70	415.91	462.12	508.33	-	554.55	
% of Yearly Entitlement*	5.46%	11.02%	17.56%	24.40%	31.92%	40.14%	49.09%	57.85%	65.53%	73.41%	81.04%	88.85%	81.04%	

2019 Consumption Analysis

Yearly %	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC
	8%	17%	25%	33%	42%	50%	58%	67%	75%	83%	92%	100%

Cucamonga Valley Water District

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares	4
Consumption	-	-	-	-	-	-	-	-	-	-	-	-			
Cumulative Consumption	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cumulative Entitlement	-	-	-	-	-	-	-	-	-	-	-	-	7.51		
% of Yearly Entitlement*	-	-	-	-	-	-	-	-	-	-	-	-			

Holiday Rock Company

	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares	132
Consumption	20.32	13.00	24.46	37.16	36.86	46.82	45.93	35.93	56.22	76.36	47.50	-			
Cumulative Consumption	20.32	33.32	57.78	94.94	131.80	178.62	224.55	260.48	316.70	393.06	440.55	-	440.55		
Cumulative Entitlement	13.41	26.82	42.21	59.36	80.46	106.40	135.64	164.88	194.12	217.87	235.02	-	248.40		
% of Yearly Entitlement*	8.18%	13.41%	23.26%	38.22%	53.06%	71.91%	90.40%	104.87%	127.50%	158.24%	177.36%	203.00%	177.36%		

Red Hills Golf Course

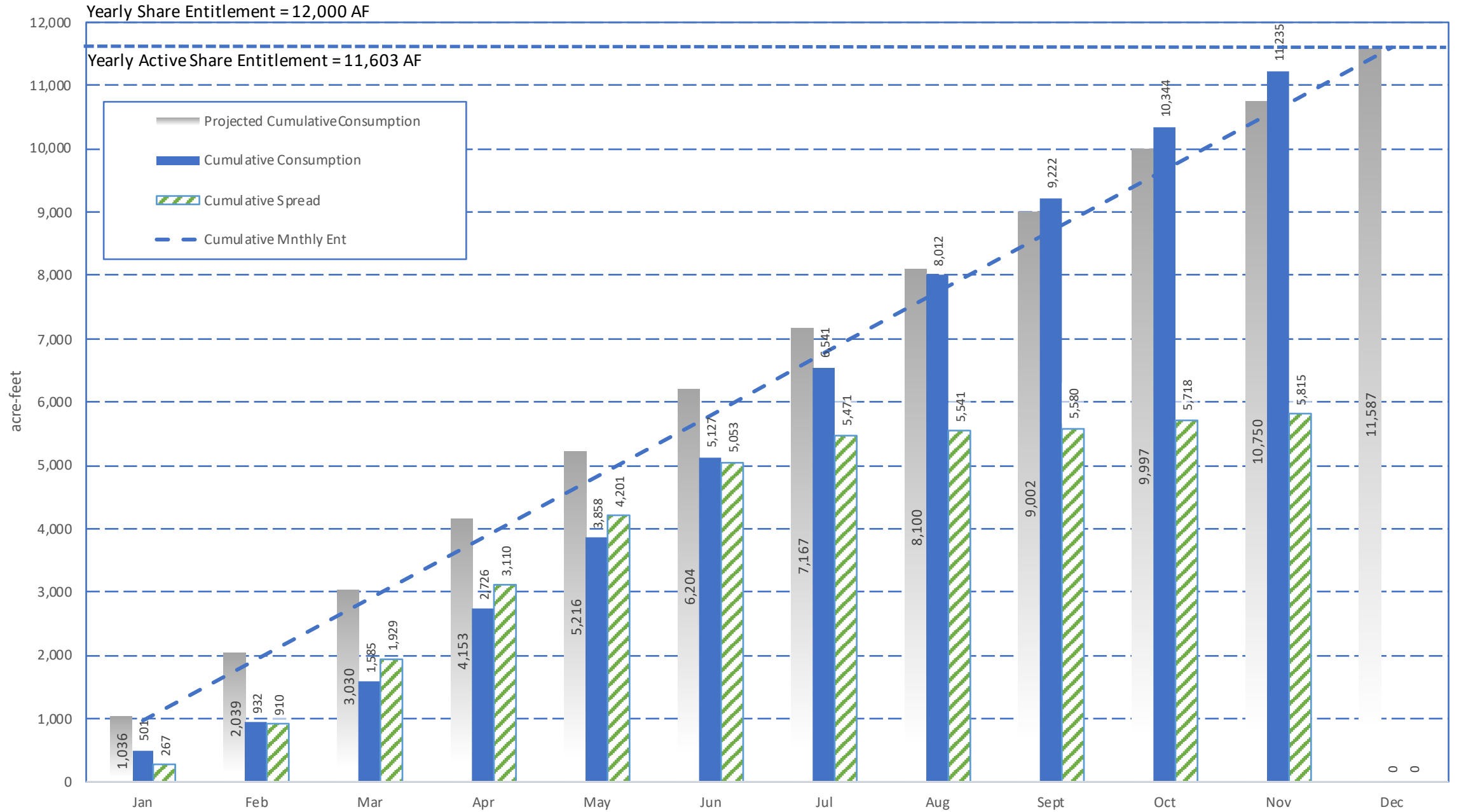
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares	218
Consumption	3.79	2.33	11.67	33.29	17.87	47.06	59.06	57.09	38.26	43.36	18.56	-			
Cumulative Consumption	3.79	6.12	17.79	51.07	68.95	116.00	175.07	232.16	270.42	313.78	332.34	-	332.34		
Cumulative Entitlement	22.13	44.26	69.65	97.96	132.78	175.59	223.85	272.10	320.36	359.54	387.84	-	409.92		
% of Yearly Entitlement*	0.93%	1.49%	4.34%	12.46%	16.82%	28.30%	42.71%	56.63%	65.97%	76.55%	81.07%	88.75%	81.07%		

Minor Irrigators

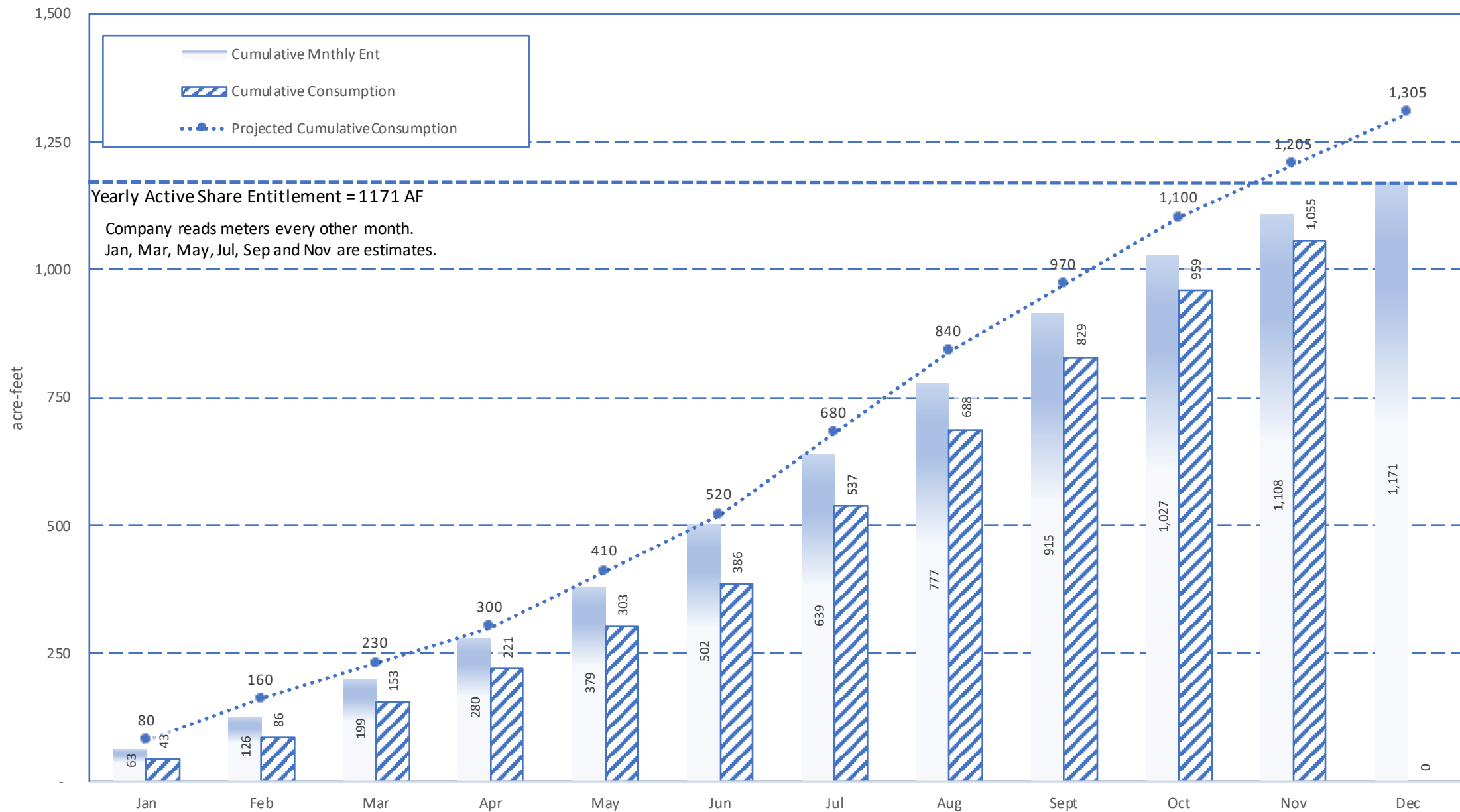
	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	THIS YEAR	Shares	50
Consumption	0.21	0.12	0.23	3.33	1.23	4.79	6.50	9.77	7.57	5.86	5.16	-			
Cumulative Consumption	0.21	0.33	0.56	3.89	5.12	9.90	16.40	26.17	33.74	39.60	44.76	-	44.76		
Cumulative Entitlement	5.10	10.19	16.04	22.55	30.57	40.43	51.54	62.65	73.76	82.78	89.30	-	94.38		
% of Yearly Entitlement*	0.22%	0.34%	0.59%	4.12%	5.42%	10.49%	17.38%	27.73%	35.75%	41.96%	47.42%	52.85%	47.42%		

* - Out months are Exponential Smoothing (ETS) forecasts based on consumption to date

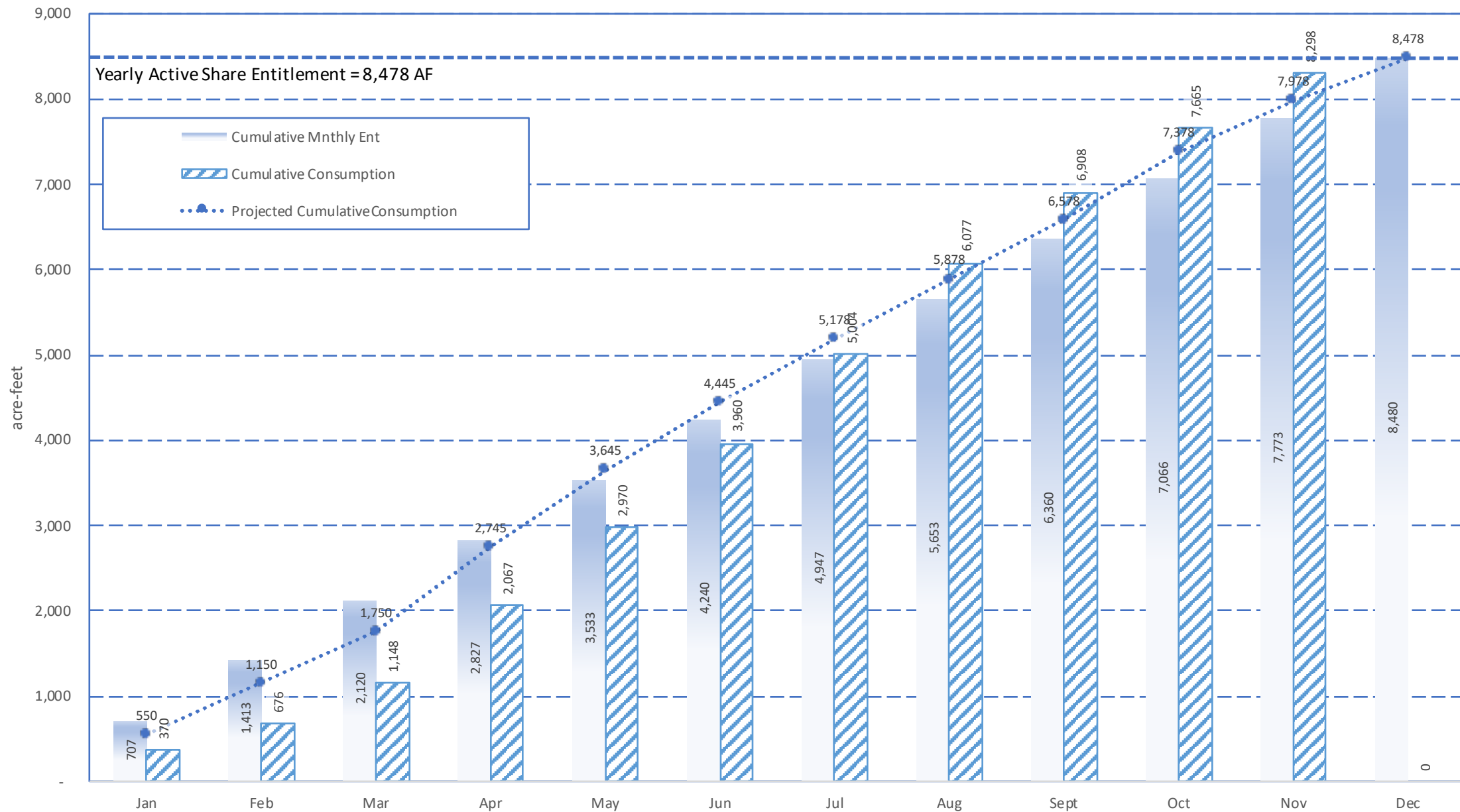
2019 Production and Consumption



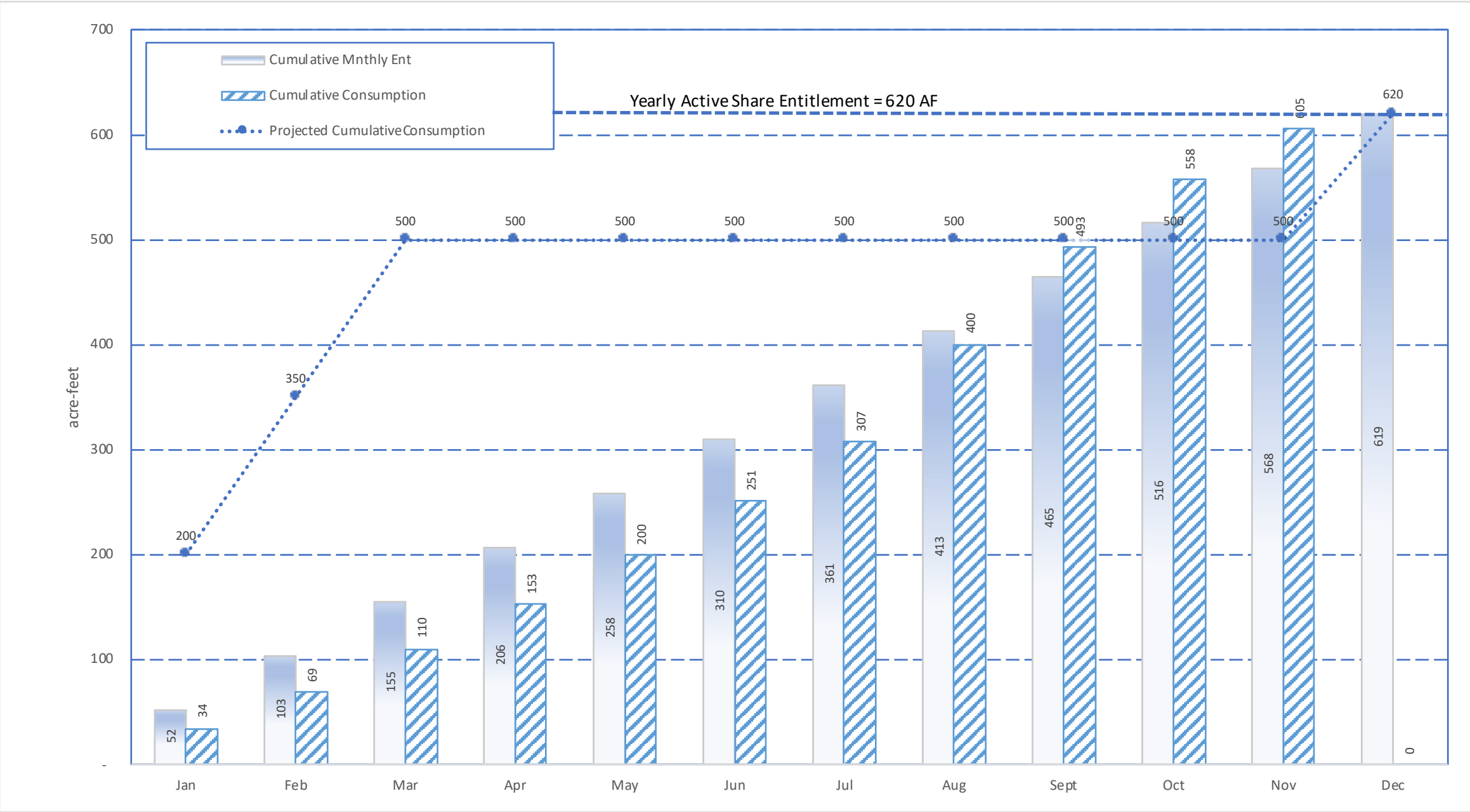
2019 Domestic Consumption



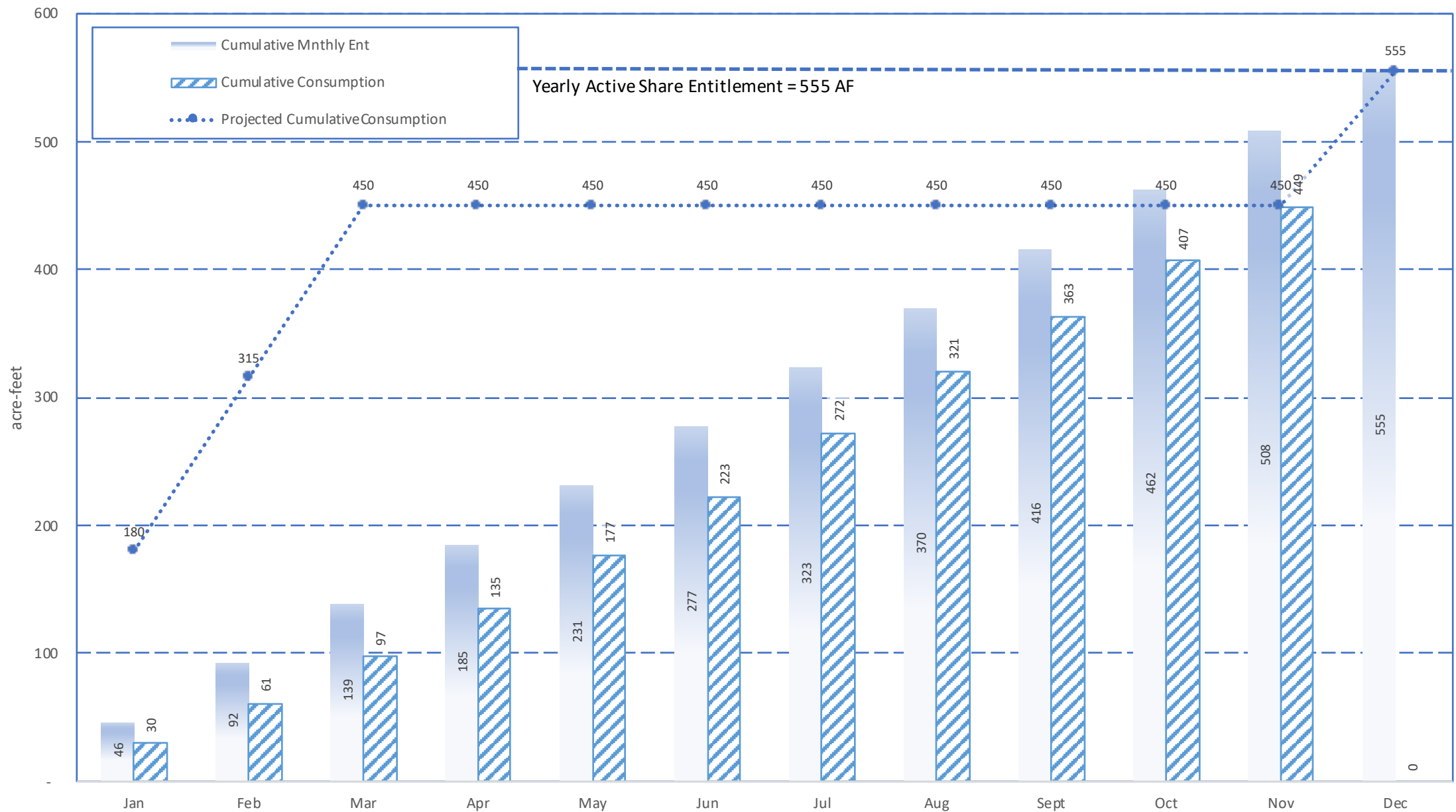
2019 Upland Consumption



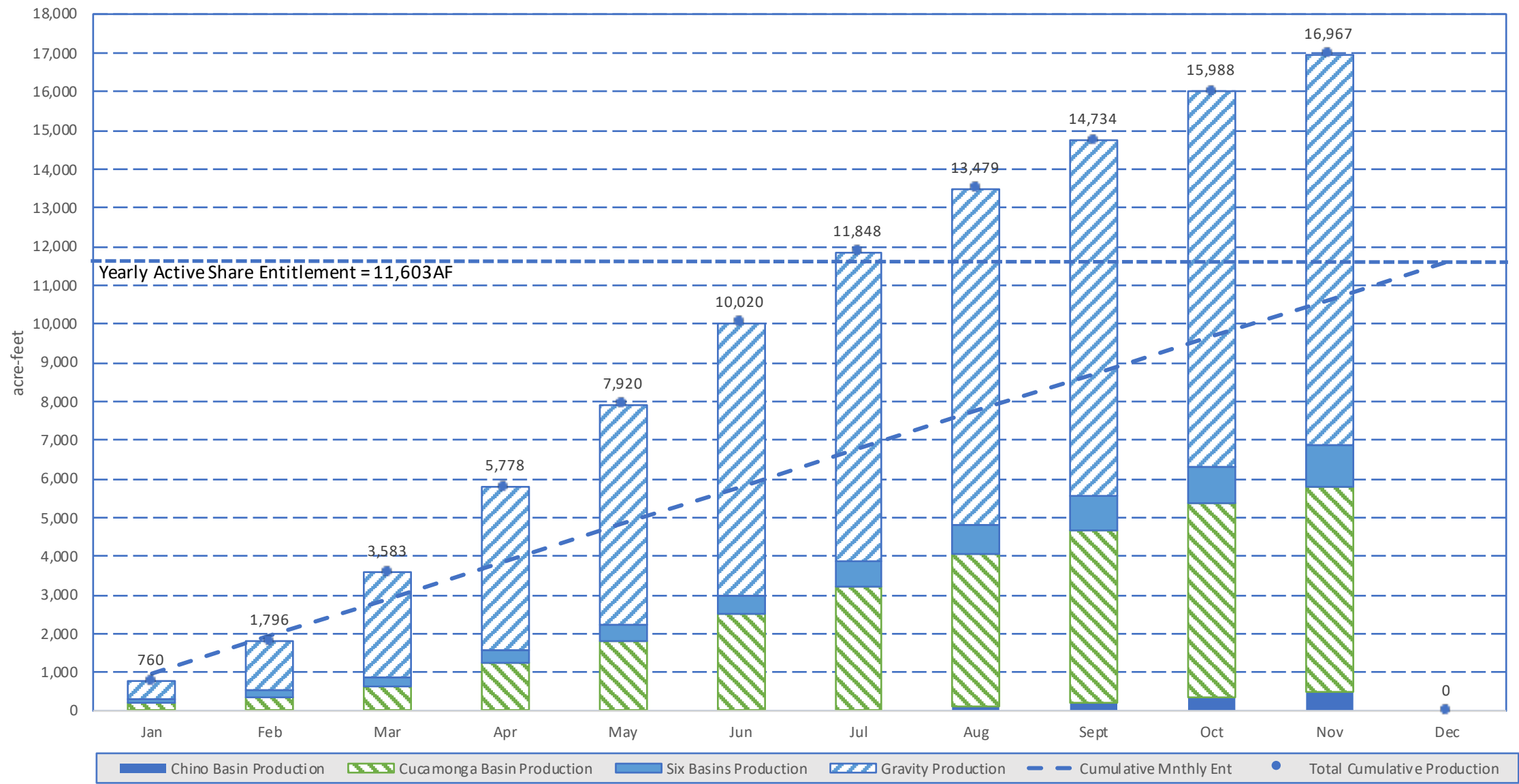
2019 Monte Vista Consumption



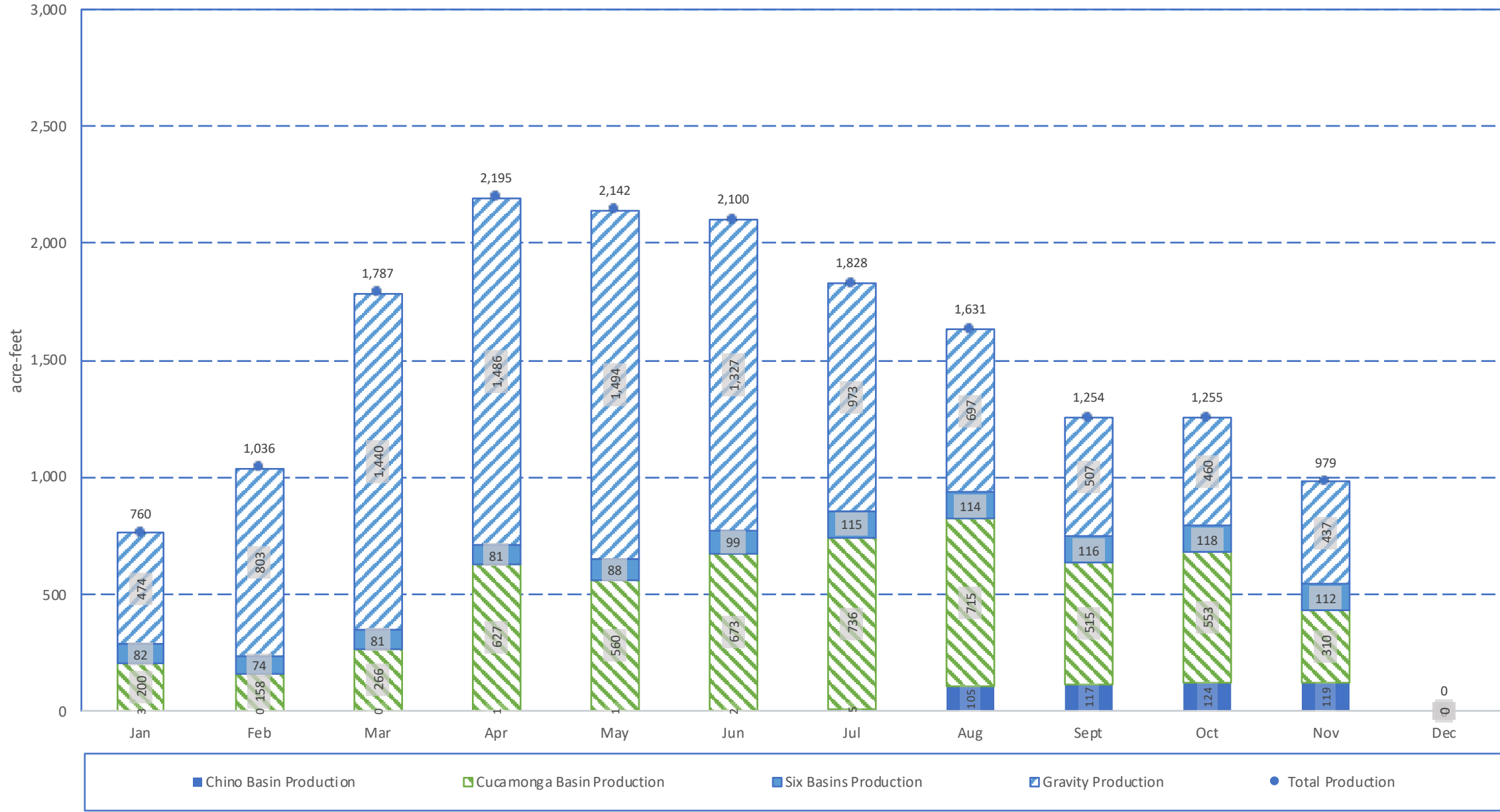
2019 Ontario Consumption



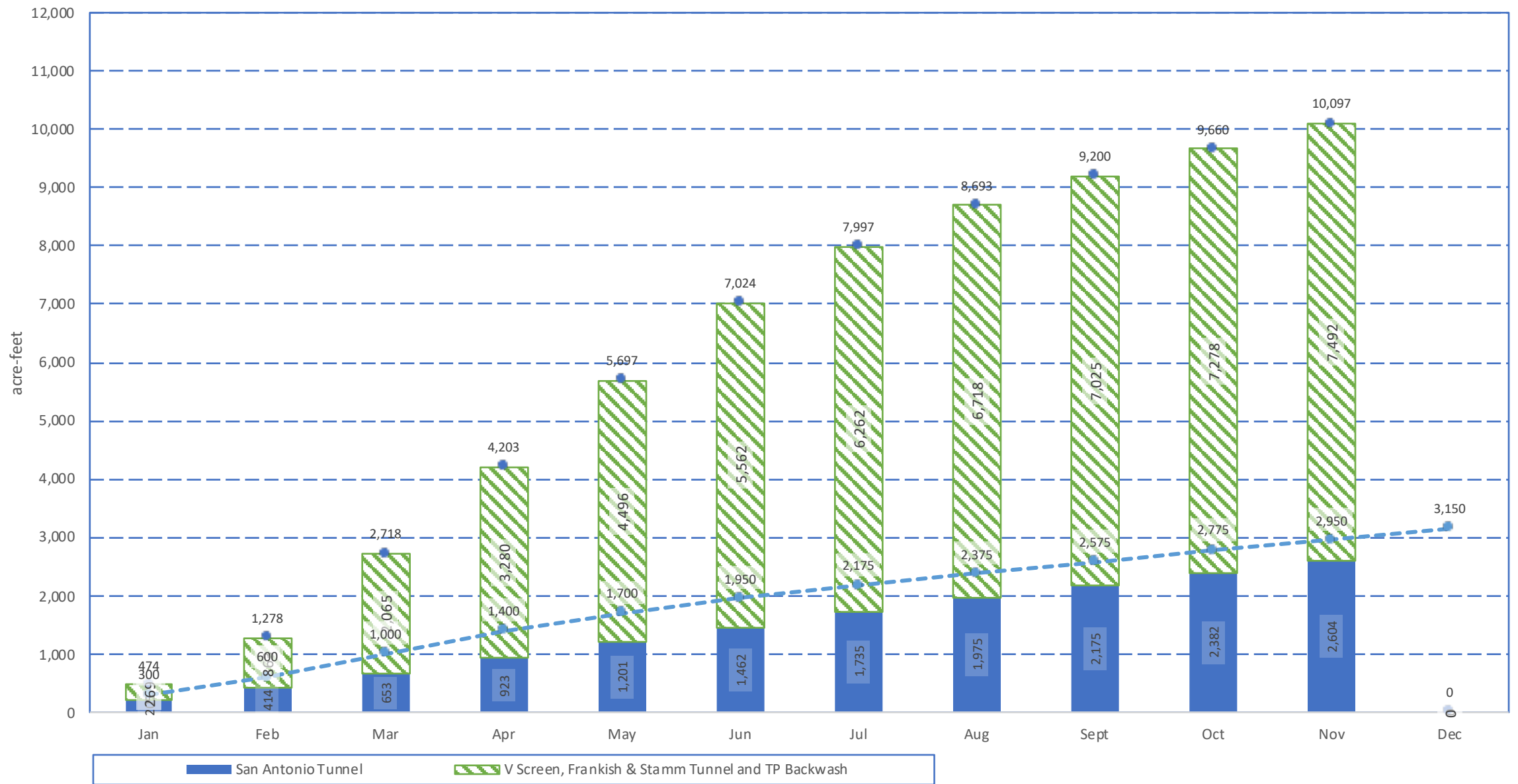
2019 Total Yearly Production



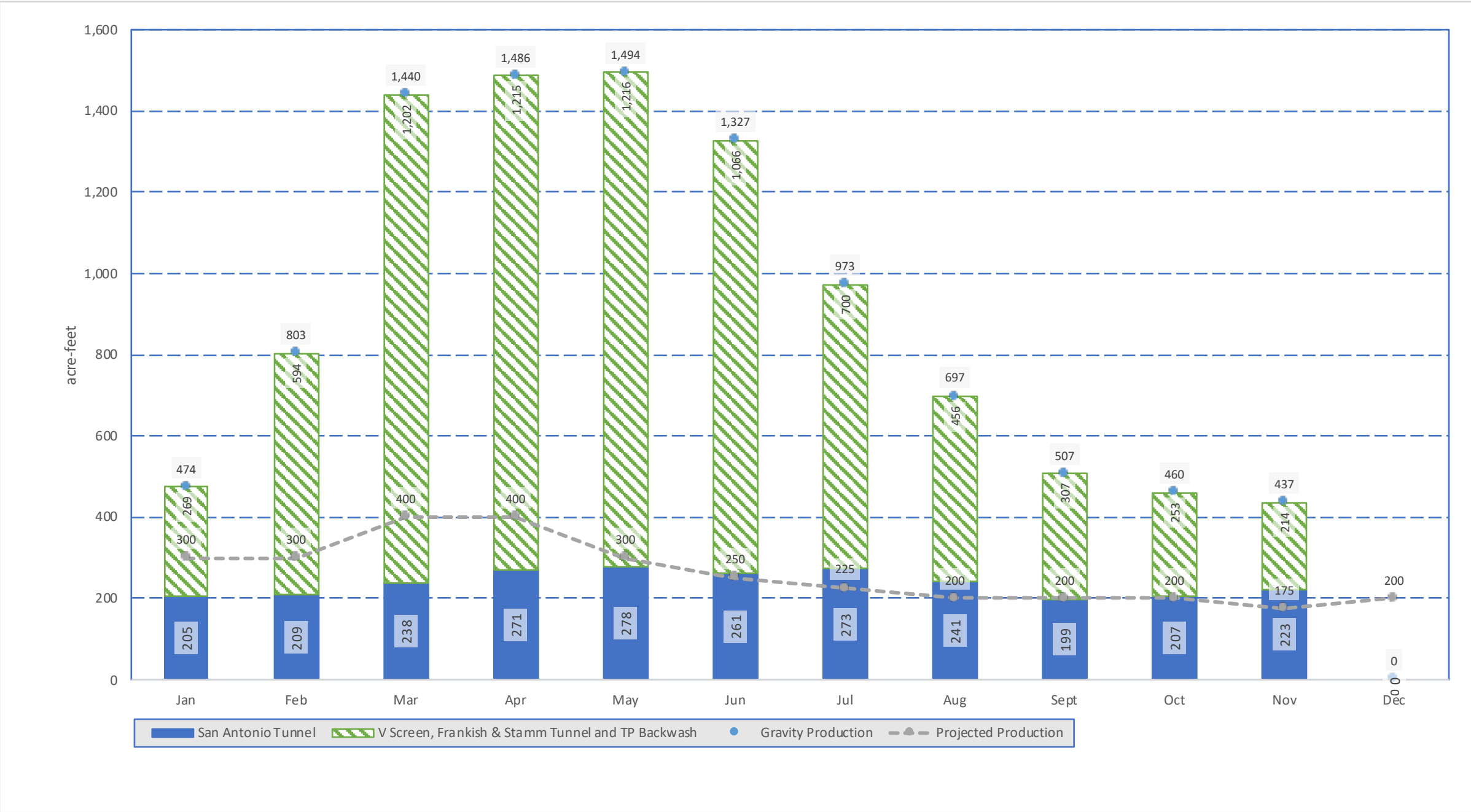
2019 Monthly Production



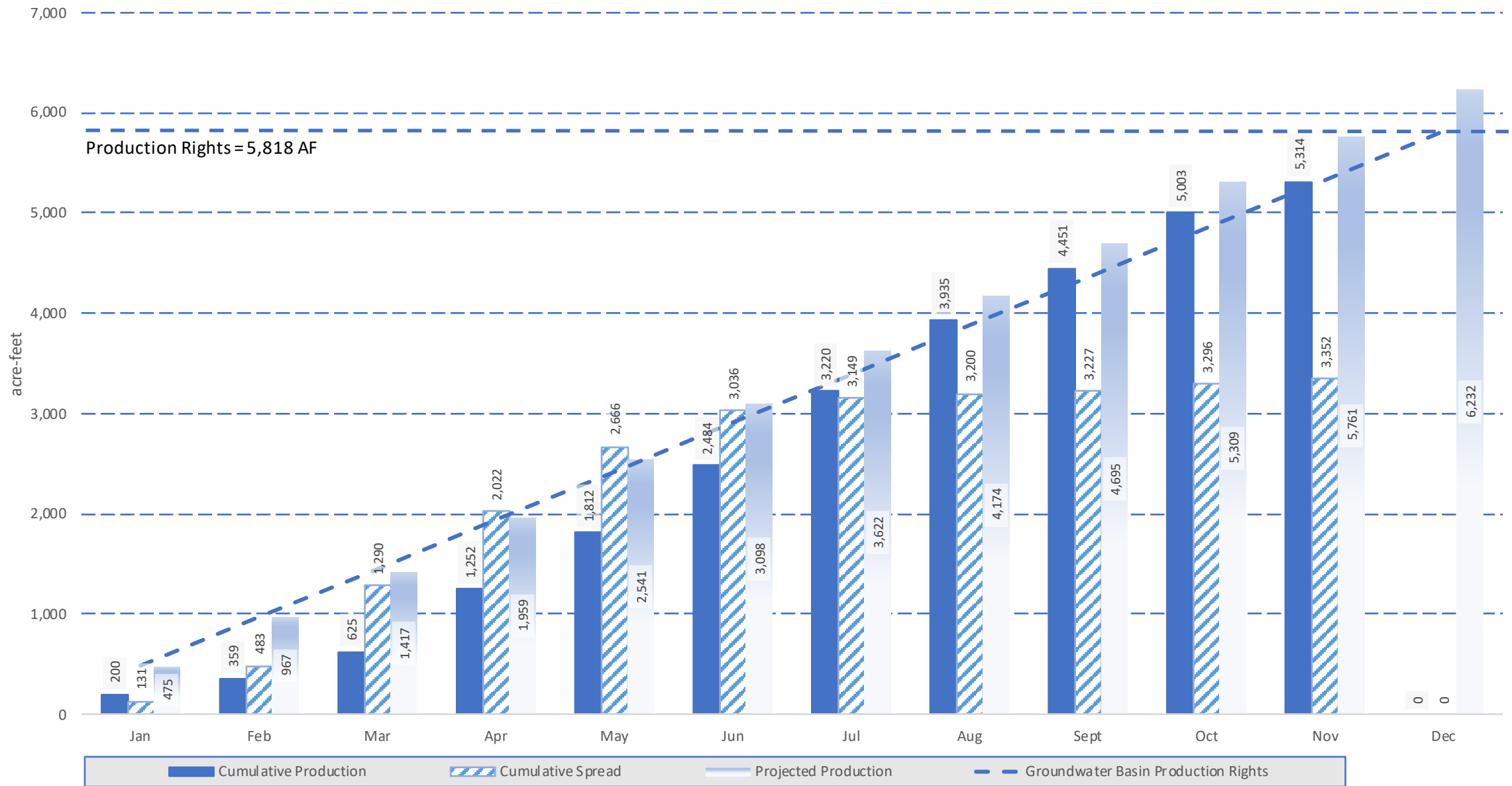
2019 Gravity Cumulative



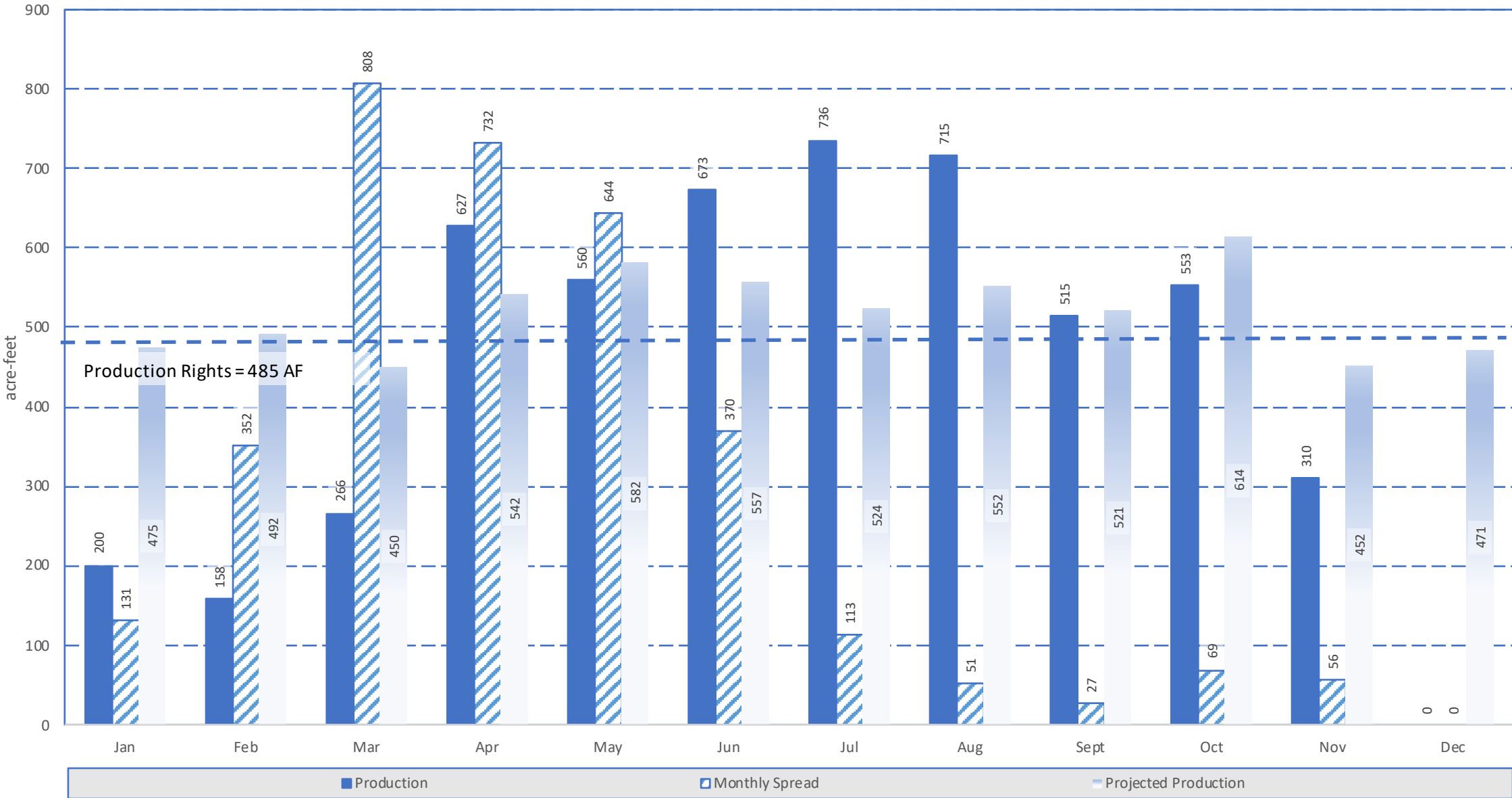
2019 Gravity Monthly



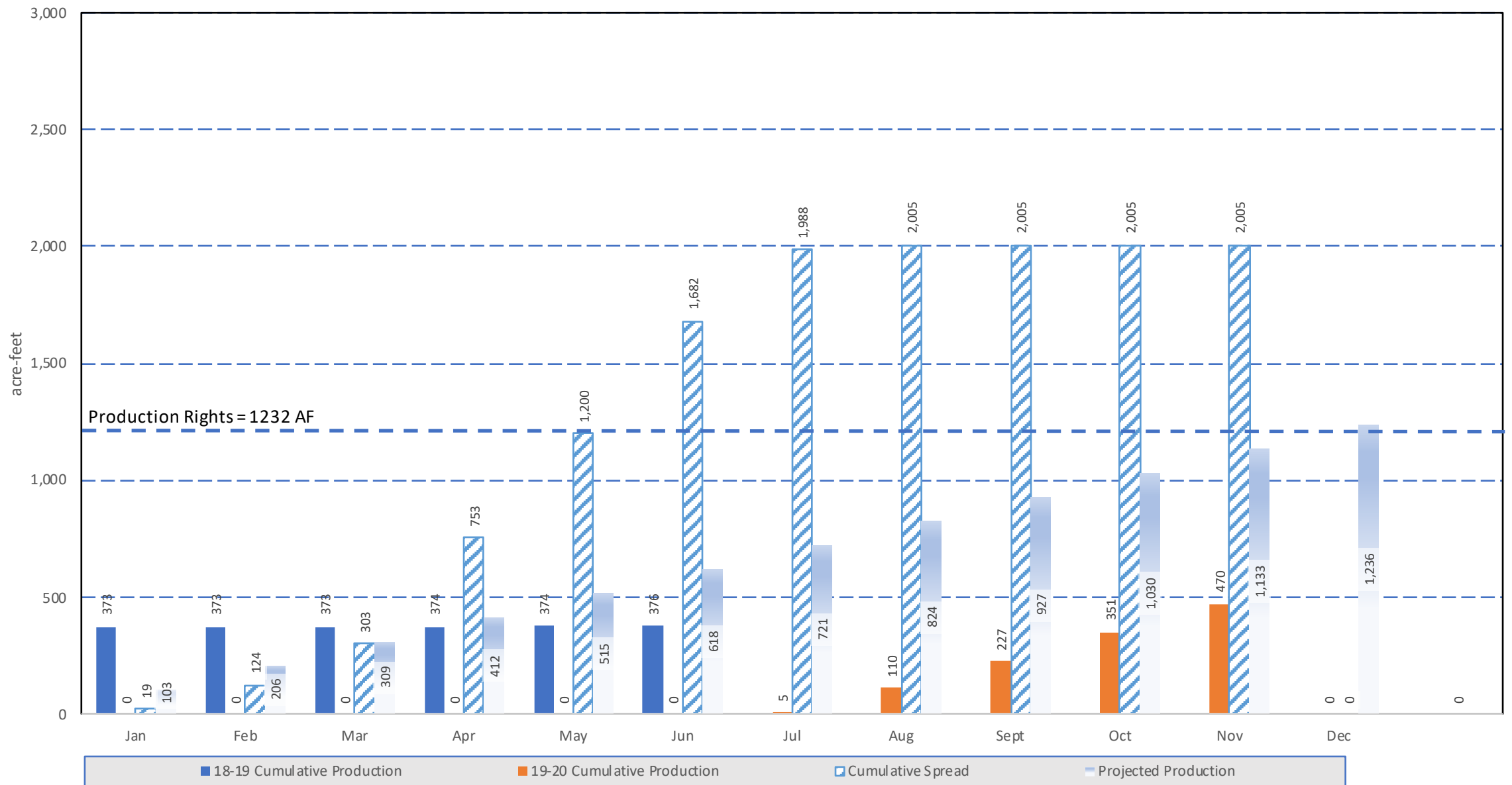
2019 Cucamonga Basin Cumulative



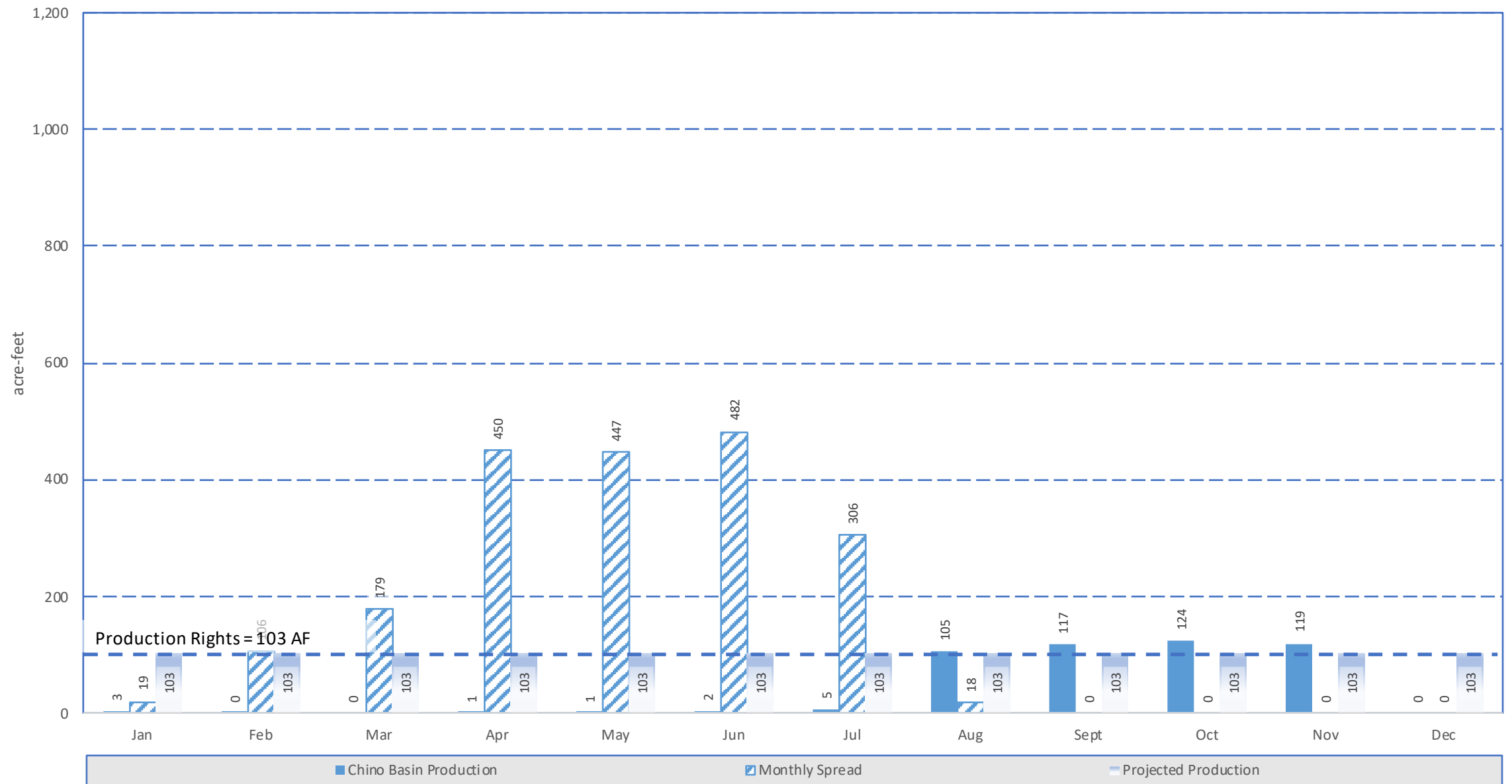
2019 Cucamonga Basin Monthly



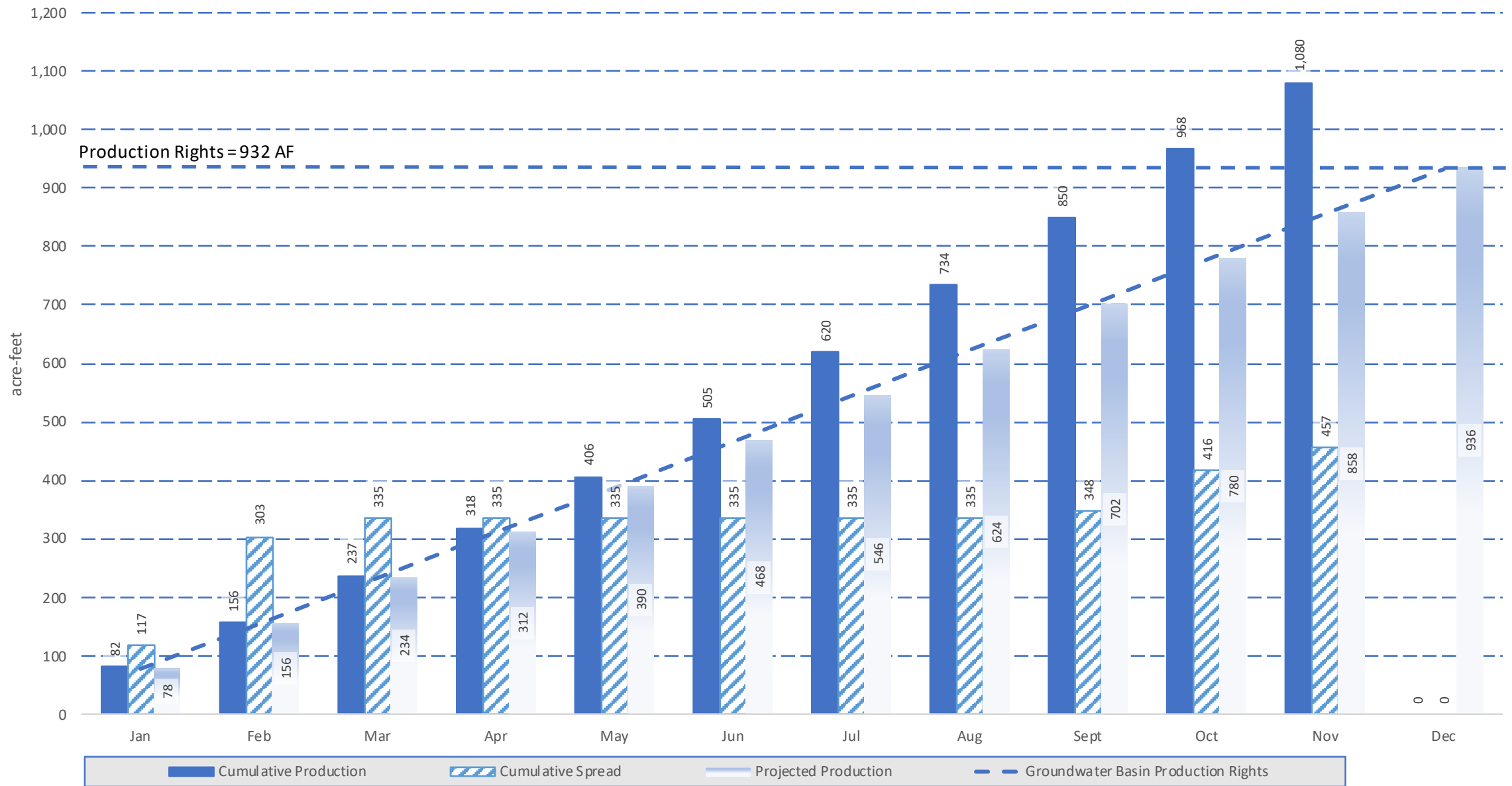
2019 Chino Basin Cumulative



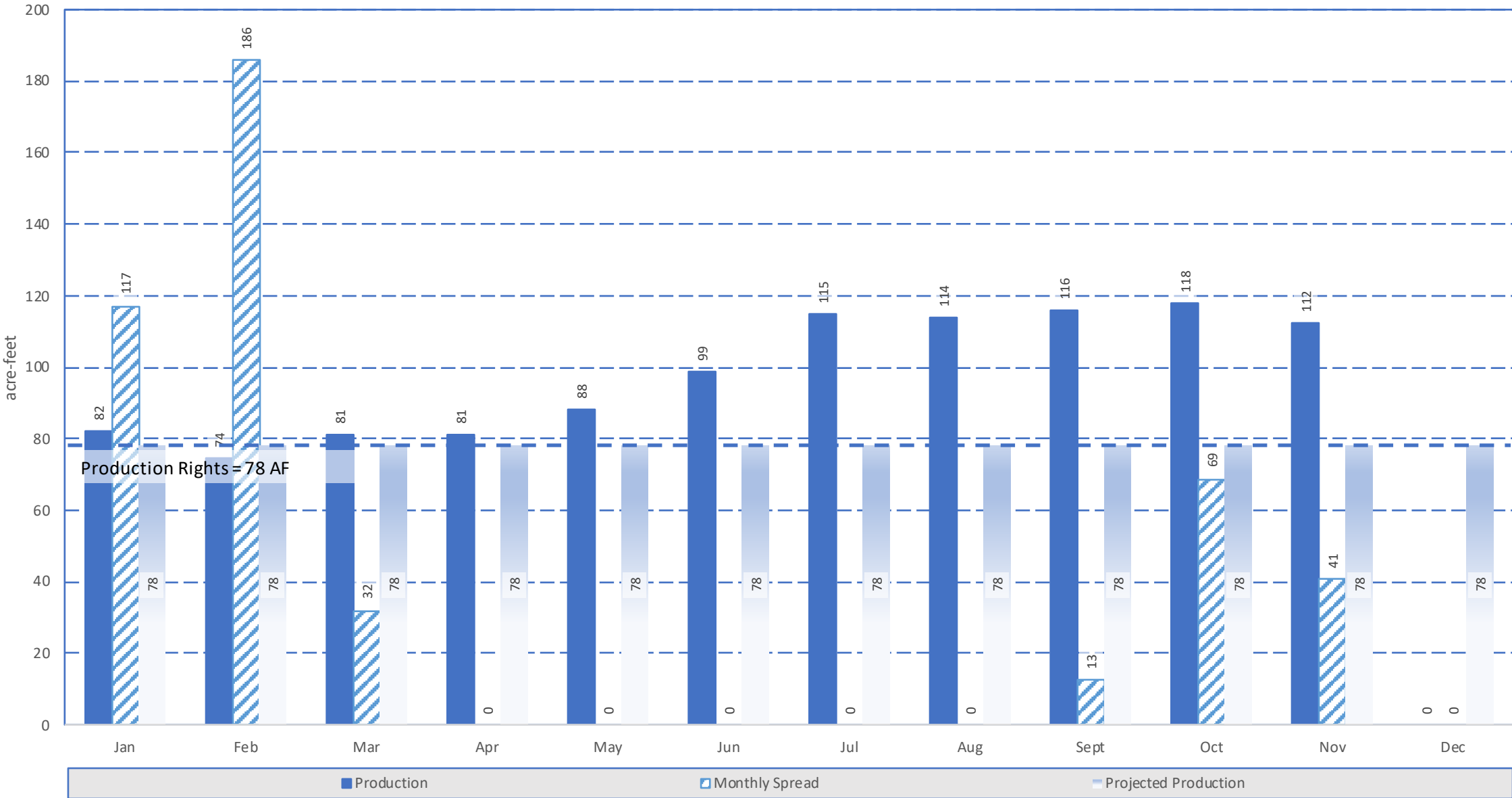
2019 Chino Basin Monthly



2019 Six Basins Cumulative



2019 Six Basins Monthly



A. Water Supply through November 2019

- Annual entitlement for CY2019 is 12,000 AF
 - Cumulative yearly production was 16,967 AF
 - Cumulative yearly consumption was 11,2351 AF
 - Cumulative yearly spread was 5,815 AF
 - Cumulative unaccounted water was (82.96 AF). This is a double-negative. We are actually showing that there was an additional 82.96 AF consumed/spread than produced. That is physically impossible and indicates bad meter reads. Staff continues to track down the problem.

Six Basins Production for 2019

- Annual production right is 932 AF.
- Cumulative production was 1,080 AF. Production is sent to the WFA treatment facility to meet City of Ontario and MVWD entitlement.
- The Company has spread a total of 457 AF.

Cucamonga Basin Production for 2019

- Annual production right is 5,818 AF.
- Cumulative production was 5,313 AF.
- The Company has spread a total of 3,352 AF.

Chino Basin Production for 2019

- Annual production right is 1,232 AF.
- Cumulative production was 477 AF.
- The Company has spread a total of 2,005 AF.

Surface Water (San Antonio Creek) flow for 2019

Total flow was 7,332 AF.

San Antonio Tunnel flow for 2019

Tunnel flow was 2,604 AF.

B. Company Stock

No water stock moved from dormant to active this transfer period.

C. Communication and Information Activities

Staff is communicating on our new "Facebook" page with 179 friends liking our old FB page and 59 customers have liked our new FB page. Communication is posted regularly on the new page and no new communication on the old Facebook page. Facebook is not able to merge the two Facebook pages, therefore we are in discussion of possibly deleting the old page.

D. Administration Matters

Meetings of interest:

- On Wednesday, November 20th the GM and AGM hosted a good-bye retirement lunch with Mark Kinsey and Justin Scott-Coe of Monte Vista Water District.
- On Monday, November 25th the GM and AGM had lunch with Ms. Elizabeth Skrzat, the Executive Director of the Chino Basin Water Conservation District.
- On Thursday, December 5th available Directors and staff enjoyed an end-of-year luncheon.

E. Groundwater Basin Matters

Chino Basin

Storage Management Plan – Staff continues to participate in the storage management plan workshops and has provided verbal comments.

Assessment Packages & DRO Requirements – The 2019/20 Assessment Package was approved and we anticipate our annual assessment will be approximately \$74k less recharge debt payment. We also have a credit of \$7,821.08 that will be applied to our assessment due to the revision of the past assessment packages.

Safe Yield Reset – Wildermuth will be holding a 2020 Safe Yield Reset Technical Peer Review at their office.

Rules & Regulations – The Rules and Regs is supposed to be a one stop for parties to know what has been decided in court. There have been some court decisions made since the last update. Unfortunately, this also starts a legal battle of words and how it is presented. While not all the parties were in agreement, the update to the rules and regs was approved by the Board in October.

Restated Judgment Amendment – Watermaster Motion to Amend Par. 36 –Par. 36 amendment which changed the amount and removed the annual cap for the Agricultural parties was presented. Since the Appropriators pay for the Ag Pool's expenses as per prior agreement, we voted no since the amendment did not call for an annual cap as previously stated. The Board approved this amendment and it is on the court's docket for December 13th.

Restated Judgment Amendment – Ag Pool Pooling Plan – All the parties are concerned with the Ag Pool's changes in the pooling plan since it went beyond just changing Par. 36. This will be before the court on December 13th.

Six Basins - Regular Board Meeting held on November 20, 2019. Operating Safe Yield for CY2020 was set at 13,000 AF, unchanged from 2019. CY2020 budget was adopted. Total expenses for CY202 are projected to be \$847,891. CY2020 Assessment was set at \$24/AF, totaling \$33,192 for SAWCo. The WM will not have a meeting in December.

Cucamonga Basin - The working group did not meet in November. It was decided to push the meeting out until December to give TKE time to help draft the comments into a revised document.

The next meeting is scheduled for December 10th.

F. Monitoring of Assembly Bills Affecting the Water Company

- In his inaugural address and subsequent budget proposal, Governor Newsom expressed interest in a State wide 'water tax' that would fund infrastructure in impoverished areas impacted by contaminated water sources or a lack of water sources. As currently understood, the State proposes to enforce a monthly 'per meter' tax on each water utility

How that tax is passed on to actual customers has not been addressed, specifically regarding Prop 218. There is opposition to the proposal, and nothing has been finalized yet. Staff assumes this concept is similar to SB845 (Monning) titled, "The Safe and Affordable Drinking Water Fund" that died in committee last year.

On May 15, 2019 the State Senate Budget Subcommittee on Resources, Environmental Protection, Energy and Transportation voted to reject the Governor's proposed water tax. The subcommittee voted to adopt \$150M General Fund appropriations instead. Staff will continue to watch and update as this concept progresses.

1. AB 1668 and SB 606 - "Statewide Water Saving Mandates"

AB1668 was approved by the Governor on May 31, 2018 – Establishes an immediate Statewide standard of 55 gallons per capita daily for indoor residential water use, eventually reducing to 50 gpcd by January 1, 2030. By October 1, 2021 the State Water Resources Control Board will adopt long-term standards for the efficient use of water.

SB606 was approved by the Governor on May 31, 2018. – Requires the Company to calculate an 'urban water use objective' no later than November 1, 2023 and every November thereafter. An urban water use objective is an estimate of aggregate efficient water use for the previous year based on adopted water use efficiency standards and local service area characteristics for that year. Additionally, the Company's Urban Water Management Plan will be required to incorporate a water shortage contingency plan.

Staff continues to assess the impact of these two approved Bills and will update as new information becomes available.

2. SB 998 (Dodd) - SB 998 was approved by the Governor on Sept 28, 2018. This bill requires the Company to have a written policy on discontinuation of water service to certain types of residences for nonpayment available in; English, Spanish, Chinese, Tagalog, Vietnamese and Korean. The bill requires the policy to include certain components, be available on the Company's web site, and be provided to customers in writing, upon request. The bill provides for enforcement of these provisions, including making a violation of these provisions punishable by a civil penalty issued in an amount not to exceed \$1,000 for each day in which the violation occurs. The bill prohibits the Company from discontinuing residential service for nonpayment until a payment by a customer has been delinquent for at least 60 days. The bill requires the Company to contact the customer named on the account and provide the customer with the Company's policy on discontinuation of residential service for nonpayment no less than 7 business days before discontinuation of residential service.

This bill prohibits residential service from being discontinued under specified circumstances. The bill requires that when the Company discontinues residential service, the Company will provide the customer with information on how to restore service. The bill requires the Company to waive interest charges on delinquent bills and limits the amount of a reconnection of service fee imposed on a residential customer who demonstrates household income below 200% of the federal poverty line. The bill requires the Company to make every good faith effort to inform the residential occupants by written notice that service will be terminated and that the residential occupants have the right to become

customers. The bill requires the Company to report the number of annual discontinuations of residential service for inability to pay on its web site and to the State.

The bill requires the Company to comply with the bill's provisions on and after February 1, 2020.

In January of 2020 staff will be presenting to the AFC a shut-off policy that conforms to SB998 requirements.

Date	12/11/19 16:27	Project List
------	----------------	--------------

ID	Project	Start Date	End Date (est)	Budget	Contracted	Expended	Remaining
1507	Office Relocation	2016	8/1/22	\$ 100,000	\$ 40,060	\$ 32,000	\$ 8,060
1601	WFA Connection	7/9/05	9/1/09	\$ 110,000	\$ 30,895	\$ 21,005	\$ 9,890
1602	Holly Drive Reservoir, Phase 1&2	4/15/16	3/1/20	\$ 621,000	\$ 720,643	\$ 553,798	\$ 166,845
1701	Reservoir 7 Roof Repair	7/2/18	10/1/19	\$ 1,160,000	\$ 1,373,413	\$ 1,248,837	\$ 124,576
1807	Campus Avenue Pipeine	7/2/18	8/1/19	\$ 517,000	\$ 469,688	\$ 41,964	\$ 427,724
1808	New Company SCADA	7/2/18	8/1/19	\$ 130,000	\$ 117,750	\$ 117,146	\$ 604
1901	Automated Meter Reading (AMR)	2/4/19	11/1/22	\$ 25,000	\$ 400	\$ 400	\$ -
1902	Cucamonga Crosswalls Mitigation	4/12/19	2/1/24	\$ 250,000	\$ 9,500	\$ 7,550	\$ 1,950
NA	Edison Box 24" Drain Valve	6/17/19	9/30/19	\$ 44,000	\$ 44,000	\$ -	\$ 44,000
Total				\$ 2,957,000	\$ 2,806,349	\$ 2,022,700	\$ 783,649

2019 Capital Expenses

\$ 1,455,987.31

Project Title: **Office Relocation**
 Construction Order: **1507**
 Approved Budget: \$ **100,000**

	Estimated	Actual
Design Start Date:	2016	2016
Design Completion Date:	6/1/19	
Construction Start Date:	10/1/19	
Constuction Completion Date:	6/1/22	
Project Close Out Date:	8/1/22	

Budget	Firm	Contract/Budget	Invoiced/Spent to	
			Date	Remaining
Staff	SAWCo		\$ -	\$ -
Permitting/CEQA			\$ -	\$ -
Architect	CEDG	\$ 40,060.00	\$ 32,000.00	\$ 8,060.00
Engineering			\$ -	\$ -
Geotechnical			\$ -	\$ -
Surveyor			\$ -	\$ -
Environmental			\$ -	\$ -
Prime Contractor		\$ -	\$ -	\$ -
	TOTAL	\$ 40,060.00	\$ 32,000.00	\$ 8,060.00

Project Title: **WFA Connection**
 Construction Order: **1601**
 Approved Budget: \$ **110,000**

	Estimated	Actual
Design Start Date:	7/9/05	7/9/05
Design Completion Date:	12/1/18	
Construction Start Date:	5/1/19	
Constuction Completion Date:	7/1/19	
Project Close Out Date:	9/1/09	

Budget	Firm	Contract/Budget	Invoiced/Spent to Date	Remaining
Staff	SAWCo		\$ -	\$ -
Permitting/CEQA			\$ -	\$ -
Engineering	CivilTech	\$ 30,895.00	\$ 21,005.00	\$ 9,890.00
Geotechnical			\$ -	\$ -
Surveyor			\$ -	\$ -
Environmental			\$ -	\$ -
Prime Contractor		\$ -	\$ -	\$ -
	TOTAL	\$ 30,895.00	\$ 21,005.00	\$ 9,890.00

Project Title: **Holly Drive Reservoir, Phase 1&2**
 Construction Order: **1602**
 Approved Budget: \$ **621,000** 12/18/18

	Estimated	Actual
Design Start Date:		4/15/16
Design Completion Date:		10/17/18
Construction Start Date:	1/15/19	5/1/19
Constuction Completion Date:	1/12/20	
Project Close Out Date:	3/1/20	

Budget	Firm	Contract/Budget	Invoiced/Spent to Date	Remaining
Staff	SAWCo		\$ -	\$ -
Engineering	TKE Eng	\$ 186,970.00	\$ 176,892.84	\$ 10,077.16
Construction Services, P1		\$ 60,000.00	\$ 59,184.65	\$ 815.35
Prime Contractor, P1	James McMinn, Inc.	\$ 236,836.40	\$ 158,860.33	\$ 77,976.07
Original Contract		\$ 228,600.00	\$ 158,860.33	
CO#1		\$ (663.60)	\$ -	
CO#2		\$ -	\$ -	
CO#3	jute/wattles	\$ 8,900.00	\$ -	
Prime Contractor, P2			\$ -	\$ -
TOTAL		\$ 720,642.80	\$ 553,798.15	\$ 166,844.65

Project Title: **Reservoir 7 Roof Repair**
 Construction Order: **1701**
 Approved Budget: \$ **1,160,000** 12/18/18

	Estimated	Actual
Design Start Date:		7/2/18
Design Completion Date:	12/1/18	2/11/19
Construction Start Date:	4/1/19	4/12/19
Construction Completion Date:	8/1/19	
Project Close Out Date:	10/1/19	

Budget	Firm	Contract/Budget	Invoiced/Spent to Date	Remaining
Staff	SAWCo		\$ -	\$ -
Structural Inspection	Harper	\$ 51,230.00	\$ 51,230.00	\$ -
Engineer	CivilTech	\$ 92,850.00	\$ 79,562.50	\$ 13,287.50
	Original Contract	\$ 62,750.00	\$ 62,750.00	\$ -
	CO#1	\$ 21,100.00	\$ 16,812.50	\$ 4,287.50
	CO#2	\$ 9,000.00	\$ -	\$ 9,000.00
Geologist	Geocon	\$ 12,350.00	\$ 7,332.50	\$ 5,017.50
	Original Contract	\$ 6,150.00	\$ 6,132.50	\$ 17.50
	5/20/19 CO#1	\$ 1,200.00	\$ 1,200.00	\$ -
	6/17/19 CO#2	\$ 5,000.00	\$ -	\$ 5,000.00
Prime Contractor	SCW Contracting	\$ 1,216,983.08	\$ 1,110,711.70	\$ 106,271.38
	Original Contract	\$ 1,013,415.00	\$ 1,013,415.00	\$ -
	CO#1	\$ -	\$ -	\$ -
	CO#2	\$ (212.18)	\$ (212.18)	\$ -
	CO#3	\$ 20,344.33	\$ 20,344.33	\$ -
	CO#4	\$ 179,857.00	\$ 77,164.55	\$ 102,692.45
	CO#5	\$ 3,578.93	\$ -	\$ 3,578.93
	TOTAL	\$ 1,373,413.08	\$ 1,248,836.70	\$ 124,576.38

Project Title: **Campus Avenue Pipeine**
 Construction Order: **1807**
 Approved Budget: \$ **517,000** 12/18/18

	Estimated	Actual
Design Start Date:		7/2/18
Design Completion Date:	12/1/18	6/11/19
Construction Start Date:	4/1/19	
Constuction Completion Date:	6/1/19	
Project Close Out Date:	8/1/19	

Budget	Firm	Contract/Budget	Invoiced/Spent to Date	Remaining
Staff	SAWCo		\$ -	\$ -
Engineer	CivilTech	\$ 58,324.00	\$ 41,963.78	\$ 16,360.22
	CO#1	\$ 7,000.00	\$ -	\$ 7,000.00
Prime Contractor	TE Roberts	\$ 404,364.00	\$ -	\$ 404,364.00
	TOTAL	\$ 469,688.00	\$ 41,963.78	\$ 427,724.22

Project Title: **New Company SCADA**
 Construction Order: **1808**
 Approved Budget: \$ **130,000** 12/18/18

	Estimated	Actual
Design Start Date:		7/2/18
Design Completion Date:	12/1/18	1/15/19
Construction Start Date:	4/1/19	
Constuction Completion Date:	6/1/19	
Project Close Out Date:	8/1/19	

Budget	Firm	Contract/Budget	Invoiced/Spent to Date	Remaining
Staff	SAWCo		\$ -	\$ -
Material Supplier	Inland Productivity	\$ 17,750.09	\$ 17,809.60	\$ (59.51)
Engineer	TESCO	\$ 100,000.00	\$ 99,336.65	\$ 663.35
Prime Contractor			\$ -	\$ -
	TOTAL	\$ 117,750.09	\$ 117,146.25	\$ 603.84

Project Title: **Cucamonga Crosswalls Mitigation**

Construction Order: **1902**

Approved Budget:	\$	50,000	2019 Mitigation
	\$	50,000	2020 Mitigation
	\$	50,000	2021 Mitigation
	\$	50,000	2022 Mitigation
	\$	50,000	2023 Mitigation
TOTAL	\$	250,000	

	Estimated	Actual
Design Start Date:	4/12/19	4/12/19
Design Completion Date:	NA	
Construction Start Date:	9/1/19	
Construction Completion Date:	12/1/23	
Project Close Out Date:	2/1/24	

Budget	Firm	Contract/Budget	Invoiced/Spent to	
			Date	Remaining
Staff	SAWCo		\$ -	\$ -
Environmental	Michael Baker Int.			
	Task 1: Baseline Weed Survey	\$ 4,200.00	\$ 4,200.00	\$ -
	Task 2: Native Seed Mix Quantities	\$ 1,400.00	\$ 1,400.00	\$ -
	Task 3: Restoration Contractor Coordination	\$ 3,500.00	\$ 1,750.00	\$ 1,750.00
	Other Direct Costs	\$ 400.00	\$ 200.00	\$ 200.00
Prime Contractor			\$ -	\$ -
	TOTAL	\$ 9,500.00	\$ 7,550.00	\$ 1,950.00

Project Title: **Edison Box 24" Drain Valve**
 Construction Order:
 Approved Budget: \$ **44,000**

	Estimated	Actual
Design Start Date:	6/17/19	
Design Completion Date:	6/30/19	
Construction Start Date:	7/1/19	
Construction Completion Date:	7/30/19	
Project Close Out Date:	9/30/19	

Budget	Firm	Contract/Budget	Invoiced/Spent to Date	Remaining
Staff	SAWCo	\$ 44,000.00	\$ -	\$ 44,000.00
			\$ -	\$ -
	TOTAL	\$ 44,000.00	\$ -	\$ 44,000.00

Agenda Item No. 6A

Item Title: Adoption of 2020 Fiscal Year Budget

Purpose:

Adopt an Operating and Capital Budget for fiscal year 2020 (FY2020) that supports Company Mission, "To provide our shareholders with reliable and good quality water service at a cost-effective rate."

Issue:

Consider adopting staff's recommended budget for FY2020.

Manager's Recommendation:

Adopt the draft FY2020 Operating and Capital Budget as presented.

Background:

A draft budget was publicly presented at the Board's Budget Workshop on December 4, 2020. Proposals included in the draft budget:

- Raising total water entitlement from 12,000 to 13,000 acre-feet.
- Accelerating the replacement of pipes, pumps and tanks to spend-down Capital Replacement reserves by \$150,000.

Based on discussion at the Workshop:

- A 2020 Goal and Objective to, "Develop Standard Financial Reports and Reporting Policy" has been included in the budget.
- The Water Facilities Master Plan was moved from Capital Expenses to Operating Expenses, including it in 'Outside Services' of Administrative Expenses.
- The Company Capital Improvement project was retitled, "Facility Assessment" and was moved from Capital Expenses to Operating Expenses, including it in 'Outside Services' of Administrative Expenses.

As amended at Budget Workshop, Pro Forma Statement of 2020 Revenues and Expenses:

	2020 Proposed	Change from 2019 Budget
Operating Revenues	\$5,408,000	+7%
Operating Expenses	(\$3,502,000)	+1%
<u>Depreciation</u>	<u>(\$901,000)</u>	
Net Income (Loss)	\$1,005,000	+175%

Capital expenditures for 2020 are projected to be \$2,056,000. Projected 2020 income, excluding depreciation, is expected to be \$1,966,000. The remaining funds needed to complete the 2020 proposed capital improvement projects (\$150,000) will come from D&O Reserves (Capital Reserves).

D&O Reserves:

As of 11/30/2019	\$6,008,000
Projected increase in interest due to improved financial policies	\$42,000
<u>Proposed 2020 Capital Expenditures</u>	<u>(\$150,000)</u>
Projected D&O Reserves on 12/31/2020	\$5,900,000

The majority of planned 2020 capital projects were identified in the 2017 Master Plan.

Additional workshop discussion included entitlement, spending down reserves and water sale revenue:

Discussion 1 –Entitlement

The Company has finished a number of projects that increase ability to capture and store storm water; Cucamonga Crosswalls, Basin 6a and Edison Pond Intakes are the biggest three. However, increasing the ability to capture storm water is only beneficial if there is storm water to capture. Rainfall for 2019 was 37.47 inches as of November 1st. That is above twice average rainfall (17 inches). But last year’s rainfall does not guarantee next year’s rainfall.

The Company’s ten-year average consumption between 2008 and 2018 is 11,488 acre-feet. The difference in revenue between 12,000 and 13,000 acre-feet is \$296,000.

Staff recommends setting entitlement at 13,000 AF with a hard commitment for Board Review in May and August and soft commitment to review as requested by Board or staff.

Discussion 2 – Spending down reserves

If the Board does not want to bring down reserve levels until after the Company has completed revising its fiscal policies, staff recommends moving one or more of the following projects, listed in suggested deferral order, to a future budget year:

<u>Project</u>	<u>Estimated Cost</u>
Viewpoint, Canyon View Ave to Campus Ave	\$276,000
Primerose Lane (2017 MP low priority)	\$105,000
<u>Linda, north of 24th (2017 MP low priority)</u>	<u>\$134,000</u>
TOTAL BUDGET REDUCTION	\$515,000

Staff recommends not removing any projects from the proposed budget at this time.

Discussion 3 – Water Sale Revenue

The Company’s current rates are based on a 2017 study predicated on selling 10,000 to 12,000 acre feet per year. The concept of a ‘rebate’ would return money to the shareholders if the Company sells water above what the rate-study considered.

The difference in revenue between 12,000 and 13,000 acre-feet is \$296,000, or \$47.52 per active share. The proposed 2020 budget uses the additional revenue to increase spending on pipes, pumps and tanks.

Staff recommends deferring this issue to the AFC for further consideration.

Agenda Date: December 17, 2019

Previous Action:

None.

Impact on Budget:

As proposed, the 2020 Budget is projected to reduce D&O Reserves by \$150,000

SAN ANTONIO WATER COMPANY
DRAFT FISCAL YEAR 2020 BUDGET



December 17th, 2019



General Manager's Message

Dear Board of Directors and Shareholders,

I am pleased to present you with the recommended budget for Fiscal Year 2020 (FY2020). We begin the year in a healthy financial position with the fiscal resources available to continue providing high quality service, replace a significant number of pipes, pumps and tanks, while maintaining emergency reserves. Given the current financial health of the Company, no rate increases are projected for the foreseeable future.

The presentation of this year's budget is a departure from prior years. We hope you find the information presented in a more meaningful format. As presented for FY2020, budget revenue is projected to be \$5.4M and expenditures are projected to be \$5.6M. Expenditures include all expected operating, non-operating and capital costs for the next year.

The District's anticipated operating (non-capital) expenses total \$3.5M, a 1% increase over the previous year's budget. A reduction in needed facility repairs and legal expenses are offset by the inclusion of a Master Plan Update and Facility Assessment.

Operating revenue is expected to increase 7% from prior year, for a total of \$5.4M. This increase assumes that total water entitlement is increased to 13,000 acre-feet, from 12,000 acre-feet in 2019. The recommended 1,000 acre-foot increase in entitlement is attributable to surface water capture projects completed in 2018-19; the Edison Pond Intake Structure, Basin 6a Desilting and the Cucamonga Crosswalls Restoration. Completion of these projects allowed the Company to increase surface water capture during the above-average rainy season of 2019, contributing to increased surface water delivery and also a localized increase in groundwater levels around select wellheads.

Water sales account for 90% of the company's revenue; funding operations and capital projects (pipes, pumps and tanks). Remaining revenue comes from the sale of surplus property, lease income and interest income.

The Company's anticipated capital expenses total \$2.1M. We are planning to begin construction on many of the remaining 2017 Master Plan capital projects this upcoming budget year. An additional and major expense planned for this upcoming year will be completion of the 2020 Mater Plan and Asset Management Program. With this master plan we intend to chart the Company's asset management program for the next ten years, including a source-water loss-risk review to help prepare the Company for catastrophic impacts to our source water and system.

The greatest challenge facing the District in 2020 will be completion of the capital replacement program. It is an aggressive program consisting of many projects. The company's projected revenue allows an acceleration of capital projects above the estimated \$1.3M per year needed to replace infrastructure that has reached end-of-service life. Capital spending is projected to accelerate over the next few years to catch-up on pipes, pumps and tanks that have remained in service beyond their design life. Smaller projects are intended to be completed by staff. For larger projects the Company intends to rely on professional engineering consultants to provide

appropriate project management. Company staff intends to focus on managing the project managers.

In addition to replacement of pipes, pumps and tanks, the Company is continuing a multi-year review of Company administration and operation facilities, identifying Company facility needs and how to efficiently meet those needs. Money for the facility review is expected to come from the sale of surplus property, not rates. Any construction as a result of the facility assessment is not anticipated to begin any earlier than 2023.

Our year-end review shows an approximately \$6M balance in the Company's capital and operating reserves. The Company is currently reviewing our reserve and investment policies, intending to clarify both minimum and maximum fiscal reserve levels.

As mentioned earlier, the Company is proposing to accelerate the replacement of pipes, pumps and tanks above expected water sales revenue over the next three years. To that end, our 2020 budget relies on the use of approximately \$150k of our reserve funds for infrastructure replacement. At the end of 2020 remaining reserves available for emergency use should total about \$5.9M.

As a result of the Company's increased surface water capture and expected availability to deliver full entitlement in 2020, I am requesting that the Board consider reducing the water alert from 'Moderate Shortage Stage' to 'Conservation Program – Year Round Stage', per Company Resolution 2006-06-03. With this proposed change, restrictions on outdoor watering days would be lifted, allowing shareholders to irrigate on any day of the week they choose, while still restricting irrigation between 10am to 6pm. A smaller positive impact would remove the time restriction for washing of vehicles, while still requiring a shut-off nozzle.

A big thank you goes to Teri Layton, Salena Holley and the Administration Department for the incredible effort put forth in creating this new budget format. It was time well spent and very much appreciated. I remain thankful to the community for their input, both Committees for their efforts, and the full Board for providing both the vision and guidance necessary as we respond to the ever-changing challenges facing this Company.



2020 Quick Data

- Annual Entitlement..... 13,000 acre-feet
(12,000 acre-feet in 2019)
- Total Company Shares as of January 1, 2020 6,389 shares
- Active Shares as of January 1, 2020 6,178 shares
(inactive shares are those shares currently not taking entitlement water)
- Yearly 2020 entitlement per share 2.035 acre-feet
- Total 2020 active share entitlement 12,570 acre-feet

- Estimated 2020 Water Production, by source:

Surface Water.....	4,425 acre-feet
Chino Groundwater Basin.....	1,232 acre-feet
Cucamonga Groundwater Basin.....	5,981 acre-feet
Six Basins Groundwater Basin	932 acre-feet
TOTAL	12,570 acre-feet

- Projected 2020 Revenue:

Shareholder	\$4,918,000
Non-shareholder	\$490,000
TOTAL	\$5,408,000

- Projected 2020 Expenses:

Operations and Maintenance.....	(\$1,776,000)
General Administrative	(\$1,726,000)
TOTAL	(\$3,502,000)

- Projected 2020 Capital Expenses..... (\$2,056,000)

- Projected 2020 Revenue minus Expenses..... (\$150,000)

- Reserves:

Cash on Deposit as of October 2019.....	\$6,008,787
Projected CoD as of December 2020	\$5,900,000

Company at a Glance

ORGANIZATIONAL

San Antonio Water Company (SAWCo) is a California mutual water company organized under California Corporations Code 14300, regulated under the United States Environmental Protection Agency (USEPA) Safe Drinking Water Act, monitored by the State of California through the Water Code & Health and Safety Code. We also report to the San Bernardino Local Agency Formation Commission (LAFCo).

The Company does not import any water. Instead we are dependent on our local San Antonio Canyon watershed and groundwater basins. Utilizing local water sources dramatically keeps costs down but also increases the risk associated with long term drought. Currently, our shareholders include most residents of the unincorporated area of San Antonio Heights, the Cities of Upland and Ontario, the Monte Vista Water District, the US Forest Service, the San Bernardino County Flood Control District, local quarries and the proud heritage of remaining local grove irrigators.

HEADCOUNT

The Company's vision is to be an organization that defines excellence in delivering high quality water in a cost-effective manner by meeting shareholder needs and entitlements. We will lead the way for water agencies in the region by developing key strategic partnerships, making maximum use of water capture and delivery facilities and technologies, and attracting high caliber employees by being a recognized employer of choice in the field.

None of this vision would be possible without an innovative, self-managed staff that has pride of ownership for their work product while providing exceptional service. This is all done currently with 9 full-time and 2 part-time employees.

Changes in 2019

- Office: 1 full-time position reduced to part-time

Management was able to grant a personal request to go to part-time by our Admin/Conservation Specialist while increasing the time worked for our part-time Administrative Assistant.

- Field: 1 full-time Water Utility Worker I resigned

Position will be filled by the end of the year.

Changes in 2020

- A benefit and compensation study is budgeted this year. Management last did this study in 2015/16.

STRATEGIC PLAN

In 2015, the Company went through a strategic planning process and out of this process, the following goals were developed:

- Evaluate and Prioritize Projects for Supply Maximization
- Develop Strategic Partnerships Initiate and Further Joint Projects
- Invest in Technology
- Define SAWCo's Assets & Needs
- Develop the Workforce of the Future
- Improve Internal Relationships

In 202 the Company plans to continue reaching towards our goals by the following actions:

Evaluate and Prioritize Projects for Supply Maximization – Staff is proposing a 2020 Water Master Plan Update. This update will evaluate and prioritize projects for supply maximization. The process will include public participation and we strongly encourage our shareholders to participate.

Develop Strategic Partnerships to Initiate and Further Joint Projects – Staff continues to reach-out and build relationships with the different shareholders. We will continue to discuss joint projects that may be beneficial to our shareholders. the Master Plan update may uncover future possibilities.

Invest in Technology – A few years back, the company partnered with MIH to run a microbiological filtration process at its Well #31 site. While this technology is new to the United States, Europe has been using it for some time. The Company needs to consider where this technology would work best since we are currently utilizing all our water rights in the Cucamonga Basin without the added cost.

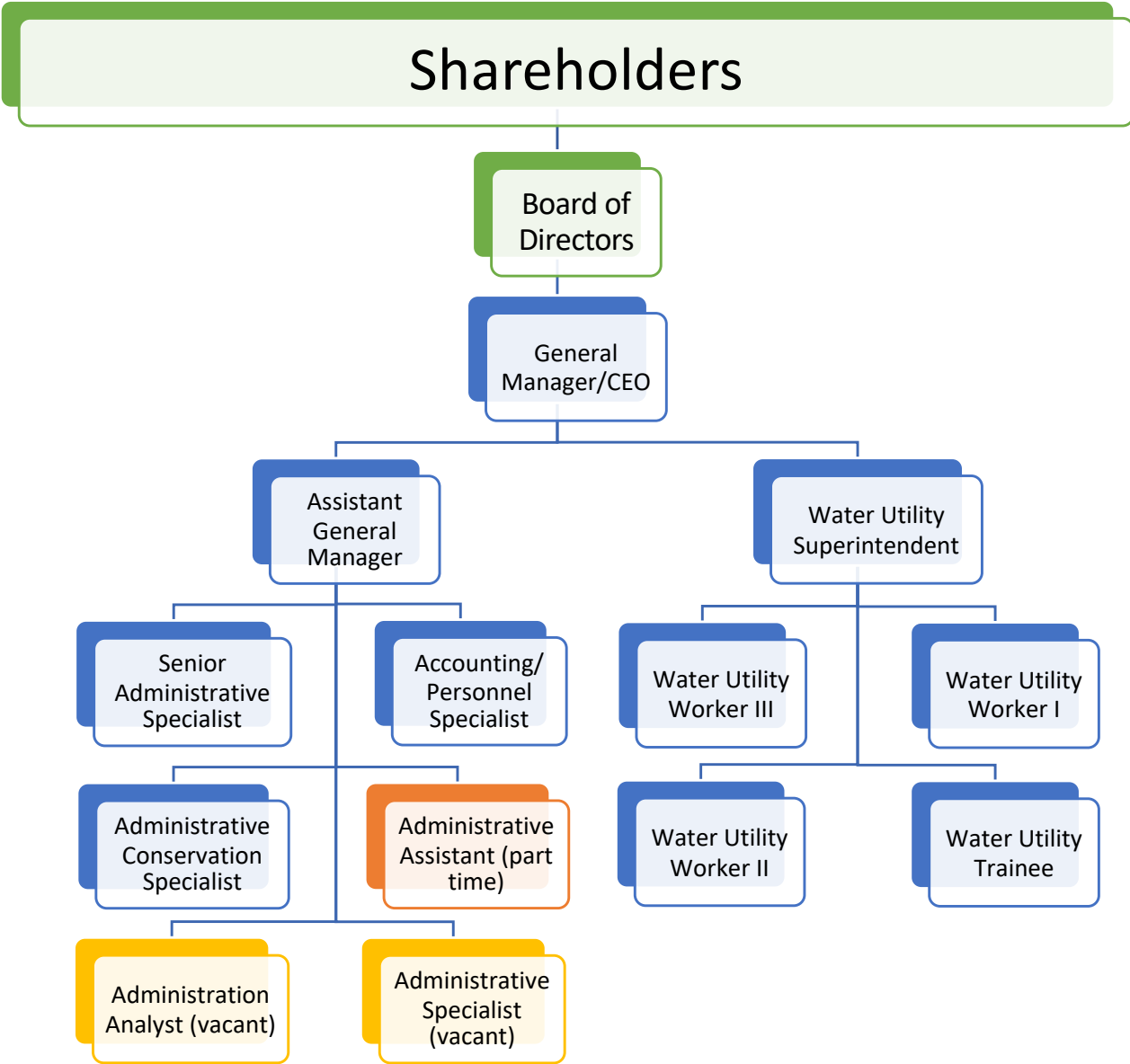
While Smart meters are not necessarily new technology, it would be an improvement to our domestic shareholders. This technology allows individual shareholders the ability to track their own usage and to know of possible leaks as soon as possible. The Company is reviewing the cost and benefit in 2020.

Another bit of technology that will help move the company in the right direction is the GIS Mapping. This will enable staff to pull up to information on the company facilities in the field with a laptop and locate critical piping and valving.

Define SAWCo's Assets & Needs – The company continues to take on additional responsibilities with limited staff and space. In order to meet these needs, staff is utilizing outside consultants and adjusting priorities. The office is currently not up to seismic code, nor is it ADA compliant. To correct these deficiencies would be costly for a building that is over 90 years old. In 2015, the Board formed a committee to start the process of relocating the office and yard into one facility at a property the Company already owns. In 2020, the Company is continuing to address the limited space, safety for its employees, and functionality for its shareholders and staff.

Develop the Workforce of the Future – Management continues to provide ongoing training for current employees and assess the needs of the company. Limited advancement opportunities due to our small staff and a perceived lower benefits package compared to local public water companies continue to hinder the recruitment process. The Company is currently attempting to obtain an eligibility letter from the Federal Government, which would allow us to engage CalPERS [Public Employees Retirement System] to compare actual costs and benefits. In 2020, we will hire a consultant to perform a benefit and comp study to keep us competitive with the current market.

Improve Internal Relationships – Recent public conversations have exposed a need to improve the distribution of information to our shareholders and employees. It is apparent that misinformation needs to be curtailed and corrected. A public relations campaign will help to inform our shareholders and employees. Strong leadership will help to carry the company in one direction.



San Antonio Water Company

2019 ACCOMPLISHMENTS:

- Approved Chino Basin Appropriative Pool Pooling Plan and Court Approved Management Agreement (CAMA)
- Adopted 9/80 Work Schedule
- Sold Property – 17th Street and Benson
- Cucamonga Basin Crosswall Rehabilitations
- Reservoir 7 Reroof and Liner
- Holly Drive Tank Pad and Retaining Wall
- Piedmont Drive Service Lateral Replacements
- Conversion to liquid chlorine at Shaft 6
- Stock Auction – May 2019
- Improved Relationships with Cucamonga Basin Parties
- Memorandum of Understanding with West Valley Mosquito and Vector Control District
- Ad Hoc Committee for new office/yard facilities
- Campus Avenue Waterline
- Updated and Improved Website
- On-line Payment Transaction Charge
- Start GIS Mapping
- SCADA Upgrade

2020 GOALS & OBJECTIVES:

- Develop Standard Financial Reports and Reporting Policy
- Compensation and Benefit Study*
- Update of Water Facilities Master Plan*
- Completion of a Facility Assessment*
- Update of Water Sanitary Survey*
- Office Equipment Upgrade [copier, 3 computers]
- Policy Manual
- GIS Mapping
- Pre-design of new office/yard facilities

* included under General Administrative Expenses – Other – Outside Services

FINANCIALS

DRAFT 2020 OPERATING BUDGET OVERVIEW

	2020 Budget	2019 Budget	2019 Actual thru Aug	2019 Projected	2018 Actual	2017 Actual
SHAREHOLDER REVENUE						
1185 1	\$ 301,000	\$ 340,000	\$ 142,284	\$ 213,426	\$ 243,142	\$ 205,055
1215 3	\$ 148,000	\$ 246,000	\$ 104,329	\$ 156,494	\$ 208,833	\$ 254,751
1220 4	\$ 105,000	\$ 206,000	\$ 115,056	\$ 172,584	\$ 262,440	\$ 186,041
1230 2	\$ 200,000	\$ 200,000	\$ 133,301	\$ 199,952	\$ 199,271	\$ 199,967
1235 5	\$ 60,000	\$ 60,000	\$ 40,548	\$ 60,823	\$ 59,622	\$ 28,910
1245 6	\$ 3,073,000	\$ 2,500,000	\$ 2,014,002	\$ 3,021,003	\$ 2,480,476	\$ 2,500,530
1260 8	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 561,419
1268 7	\$ 80,000	\$ 80,000	\$ 54,450	\$ 81,675	\$ 79,800	\$ 79,800
1274 10	\$ 477,000	\$ 477,000	\$ 317,766	\$ 476,649	\$ 476,320	\$ 166,232
1275 12	\$ 223,000	\$ 189,000	\$ 126,321	\$ 189,482	\$ 198,374	\$ 190,679
1276 9	\$ 126,000	\$ 174,000	\$ 74,591	\$ 111,886	\$ 125,881	\$ 238,140
1280 13	\$ 15,000	\$ 15,000	\$ 4,732	\$ 7,099	\$ 14,365	\$ 15,433
1288 11	\$ 23,000	\$ 23,000	\$ 15,380	\$ 23,070	\$ 24,070	\$ 23,730
1290 14	\$ 24,000	\$ 23,000	\$ 15,376	\$ 23,064	\$ 23,064	\$ 11,532
1295 15	\$ 54,000	\$ 54,000	\$ 35,052	\$ 52,578	\$ 53,696	\$ 27,202
1302 16	\$ -	\$ -	\$ 3,881	\$ 5,822	\$ -	\$ 3,256
1400 35	\$ 5,000	\$ 5,000	\$ 2,250	\$ 3,375	\$ 4,800	\$ 3,630
1405 38	\$ -	\$ -	\$ 10,725	\$ 16,088	\$ -	\$ 5,691
1410 26	\$ 4,000	\$ 5,000	\$ 4,275	\$ 6,413	\$ 5,770	\$ 3,740
1415 27	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 100
1420 33	\$ -	\$ -	\$ 175	\$ 263	\$ 100	\$ 200
1425 28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25
1430 30	\$ -	\$ -	\$ 100	\$ 150	\$ 220	\$ 120
TOTAL	\$ 4,918,000	\$ 4,597,000	\$ 3,214,594	\$ 4,821,891	\$ 4,460,246	\$ 4,706,182
NON-SHAREHOLDER REVENUE						
1635 21	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1725 23	\$ 2,000	\$ 1,000	\$ 1,634	\$ 2,450	\$ 51	\$ 1,649
1728 31	\$ -	\$ 2,000	\$ -	\$ -	\$ 125	\$ -
1730 24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 6,659
1750 32	\$ -	\$ 1,000	\$ 429	\$ 643	\$ 686	\$ 787
1753 18	\$ 54,000	\$ 52,000	\$ 38,853	\$ 58,279	\$ 53,645	\$ 58,786
1755 17	\$ 90,000	\$ 48,000	\$ 62,397	\$ 93,596	\$ 62,015	\$ 29,337
1875 22	\$ -	\$ -	\$ 736	\$ 1,104	\$ 2,468	\$ -
37	\$ 344,000	\$ 344,000	\$ -	\$ -	\$ -	\$ 17,802
Subtotal:	\$ 490,000	\$ 448,000	\$ 104,048	\$ 156,073	\$ 118,991	\$ 115,019
DEPRECIATION & OBSOLESCENCE REVENUE						
1300 36	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Subtotal:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000
Revenue Total:	\$ 5,408,000	\$ 5,045,000	\$ 3,318,643	\$ 4,977,964	\$ 4,579,237	\$ 5,001,201

	2020 Budget	2019 Budget	2019 Actual thru Aug	2019 Projected	2018 Actual	2017 Actual
FACILITIES & O&M EXPENSES						
Operating Facilities						
2175 20 Facility Related Field Labor	\$ 221,000	\$ 228,000	\$ 141,788	\$ 212,681	\$ 207,400	234,075
2235 21 Repairs to Facilities and Equipment	\$ 305,000	\$ 393,000	\$ (24,033)	\$ (36,049)	\$ 576,907	473,345
2265 22 Power-Gas & Electric (utilities)	\$ 600,000	\$ 725,000	\$ 361,597	\$ 542,396	\$ 776,905	588,303
Operating Facilities Total:	\$ 1,126,000	\$ 1,346,000	\$ 479,352	\$ 719,028	\$ 1,561,211	\$ 1,295,723
Operating Activities						
2475 18 Customer Services/Billing	\$ 86,000	\$ 85,000	\$ 51,637	\$ 77,456	\$ 94,764	77,589
2498 19 Conservation Activities	\$ 30,000	\$ 45,000	\$ 13,542	\$ 20,313	\$ 33,165	27,871
Operating Activities Total:	\$ 116,000	\$ 130,000	\$ 65,179	\$ 97,768	\$ 127,930	\$ 105,460
Other Operating Expense						
2205 24 Non-Facility Related Labor	\$ 83,000	\$ 87,000	\$ 51,232	\$ 76,848	\$ 83,899	86,082
2210 25 O&M - All Other	\$ 1,000	\$ 2,000	\$ 282	\$ 423	\$ 809	2,151
2280 26 Purchased Water	\$ -	\$ -	\$ -	\$ -	\$ -	0
2295 23 Supplies (Inventory & Tools Expense)	\$ 10,000	\$ 10,000	\$ 4,945	\$ 7,417	\$ 5,221	15,304
2715 28 Property Taxes	\$ 220,000	\$ 247,000	\$ 107,475	\$ 161,212	\$ 216,774	218,227
2805 27 Wtr. Resource Mgmt. (Basin Assm'ts)	\$ 220,000	\$ 300,000	\$ 53,309	\$ 79,963	\$ 220,869	200,078
2850 30 Inventory Shrinkage	\$ -	\$ -	\$ -	\$ -	\$ -	160
Other Operating Expense Total:	\$ 534,000	\$ 646,000	\$ 217,242	\$ 325,863	\$ 527,573	\$ 521,842
O & M Expense Total:	\$ 1,776,000	\$ 2,122,000	\$ 761,773	\$ 1,142,659	\$ 2,216,714	\$ 1,923,025

GENERAL ADMINISTRATIVE EXPENSES						
Personnel						
2115 2 Administrative Services	\$ 295,000	\$ 223,000	\$ 187,812	\$ 281,718	\$ 232,498	206,212
2130 3 Development/Water Svc App	\$ 1,000	\$ 2,000	\$ 420	\$ 631	\$ 876	1,878
2325 13 Taxes - Payroll (office and field)	\$ 78,000	\$ 70,000	\$ 49,338	\$ 74,007	\$ 70,873	67,213
2355 4 Worker's Compensation Insurance	\$ 16,000	\$ 18,000	\$ 9,710	\$ 14,565	\$ 14,997	16,642
2385 5 Benefit Pay (Vac., Sick, Etc.)	\$ 147,000	\$ 143,000	\$ 92,233	\$ 138,350	\$ 172,649	138,241
2415 6 Benefit Insurance (Pension, Life, Medical, Dental, Vision)	\$ 241,000	\$ 223,000	\$ 147,779	\$ 221,669	\$ 207,301	226,182
2430 7 Benefit Administrative Services	\$ 1,000	\$ 2,000	\$ 1,197	\$ 1,796	\$ 1,375	1,425
Personnel Total:	\$ 779,000	\$ 681,000	\$ 488,490	\$ 732,735	\$ 700,569	\$ 657,793
Other						
2445 9 Office/ IT Support	\$ 70,000	\$ 62,000	\$ 43,025	\$ 64,537	\$ 61,979	55,281
2505 1 Directors Fees & Expenses	\$ 32,000	\$ 35,000	\$ 21,092	\$ 31,637	\$ 33,283	31,580
2535 11 Liability Insurance (Non-empl. benef.)	\$ 39,000	\$ 32,000	\$ 28,891	\$ 43,337	\$ 27,227	31,778
2595 14 Communications	\$ 106,000	\$ 92,000	\$ 51,792	\$ 77,688	\$ 21,671	31,127
2625 15 Dues & Subscriptions	\$ 3,000	\$ 4,000	\$ 1,967	\$ 2,950	\$ 2,450	3,339
2655 10 Outside Services	\$ 349,000	\$ 81,000	\$ 10,202	\$ 15,303	\$ 37,749	60,271
2745 12 Taxes - Income	\$ 8,000	\$ 8,000	\$ 9,900	\$ 14,850	\$ 9,830	7,395
2775 8 Accounting Expense	\$ 76,000	\$ 59,000	\$ 63,339	\$ 95,009	\$ 62,494	54,968
2276 8 Legal Expense	\$ 180,000	\$ 242,000	\$ 121,444	\$ 182,166	\$ 213,557	158,695
2790 16 Human Resource Expense	\$ 42,000	\$ 39,000	\$ 28,445	\$ 42,667	\$ 45,398	34,010
2865 17 All Other	\$ 42,000	\$ 40,000	\$ 19,279	\$ 28,918	\$ 33,144	30,040
Other Total:	\$ 947,000	\$ 694,000	\$ 399,374	\$ 599,061	\$ 548,782	\$ 498,484
G. & A. Expense Total:	\$ 1,726,000	\$ 1,375,000	\$ 887,864	\$ 1,331,796	\$ 1,249,351	\$ 1,156,277

Capital Expenditure						
Facilities	\$ 2,022,000					
Equipment	\$ 34,100					
CIP Total:	\$ 2,056,100					

Total Revenue:	\$ 5,408,000					
Total Expenses excluding CIP:	\$ 3,502,000	\$ 3,497,000	\$ 1,649,636	\$ 2,474,455	\$ 3,466,065	\$ 3,079,302
Total Expenses including CIP:	\$ 5,558,100					
Net Income without D&O funds:	\$ 1,906,000	\$ 1,548,000	\$ 1,669,006	\$ 2,503,509	\$ 1,113,172	\$ 1,741,899
Net Income with D&O funds:	\$ 1,906,000	\$ 1,548,000	\$ 1,669,006	\$ 2,503,509	\$ 1,113,172	\$ 1,921,899

2565 29 Depreciation	\$ 901,000	\$ 974,807	\$ 454,249	\$ 908,499	\$ 881,254	913,315
Net income excluding Capital Expenditures less Depreciation	\$ 1,005,000	\$ 573,193	\$ 1,214,757	\$ 1,595,011	\$ 231,918	\$ 1,008,584
Net income including Capital Expenditures less Depreciation	\$ (1,051,100)					
Net income including Capital Expenditures	\$ (150,100)					
Net income including Capital Expenditures less NSR	\$ (640,100)					

DRAFT 2020 OPERATING BUDGET REVENUE

		2020												TOTAL	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec		
SHAREHOLDER REVENUE															
1185	1	Domestic Water Income (Base)	\$ 17,100	\$ 17,100	\$ 19,400	\$ 22,700	\$ 29,100	\$ 30,300	\$ 33,400	\$ 32,900	\$ 28,200	\$ 27,500	\$ 23,500	\$ 19,400	\$ 300,600
1215	3	Domestic Water Income (Supplemental)	\$ 8,400	\$ 8,400	\$ 9,500	\$ 11,200	\$ 14,300	\$ 14,900	\$ 16,400	\$ 16,200	\$ 13,800	\$ 13,500	\$ 11,500	\$ 9,500	\$ 147,600
1220	4	Domestic Water Income (Tier 3)	\$ 5,900	\$ 5,900	\$ 6,800	\$ 7,900	\$ 10,100	\$ 10,500	\$ 11,600	\$ 11,400	\$ 9,800	\$ 9,600	\$ 8,200	\$ 6,800	\$ 104,500
1230	2	Domestic Water Income (Readi/Chrg)	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 16,700	\$ 200,400
1235	5	Domestic Water Availabilty Charge (WAC)	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 5,000	\$ 60,000
1245	6	Municipal Water Income (Base)	\$ 173,600	\$ 173,000	\$ 198,500	\$ 230,200	\$ 292,700	\$ 303,600	\$ 332,300	\$ 328,500	\$ 304,500	\$ 298,600	\$ 237,000	\$ 200,800	\$ 3,073,300
1260	8	Municipal Water Income (Supplemental)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1268	7	Municipal Water Income (Readi/Chrg)	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 6,650	\$ 79,800
1276	9	Municipal Water Availability Charge (WAC)	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 39,732	\$ 476,784
1274	10	Misc Water Income (Base)	\$ 6,000	\$ 3,600	\$ 9,800	\$ 18,700	\$ 17,700	\$ 24,900	\$ 29,000	\$ 27,700	\$ 28,300	\$ 22,300	\$ 21,400	\$ 13,800	\$ 223,200
1275	12	Misc Water Income (Supplemental)	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 10,500	\$ 126,000
1280	13	Misc Water Income (Tier 3)	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 1,250	\$ 15,000
1288	11	Misc Water Income (Readi/Chrg)	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 1,900	\$ 22,800
1290	14	Misc Water Availability Charge (WAC)	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 2,000	\$ 24,000
1295	15	Dormant Water Availability Charge (WAC)	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 54,000
1302	16	Meter Service Fees (Connections)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1400	35	Stock Transfer	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ -	\$ 750	\$ 4,500
1405	38	Capital Facilities Connection Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1410	26	Late/Re-establishment Fee	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 300	\$ 3,600
1415	27	Drought Ordinance Violation Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1420	33	Return Check Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1425	28	Broken/Missing Lock Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1430	30	Stock Certificate Storage & Handling Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal:			\$ 299,532	\$ 297,282	\$ 332,532	\$ 379,982	\$ 452,432	\$ 473,482	\$ 511,232	\$ 505,982	\$ 473,132	\$ 460,782	\$ 390,132	\$ 339,582	\$ 4,916,084
NON-SHAREHOLER REVENUE															
1635	21	Development Plan Check Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1725	23	Miscellaneous Income	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 167	\$ 2,004.00
1728	31	Plans & Spec Fee	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1730	24	Construction Permit & Inspection	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1750	32	Service/Litigation Agreements	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
1753	18	Ground Lease Income	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 4,500	\$ 54,000.00
1755	17	Interest Income	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 7,500	\$ 90,000.00
1875	22	Overhead Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37		Gain on Sale of Assets	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 344,000	\$ 344,000.00
Subtotal:			\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 12,167.00	\$ 356,167.00	\$ 490,004.00
DEPRECIATION & OBSOLESCENCE REVENUE															
1300	36	Water Sales from Stored G. W. [D&O Reserves]	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal:			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Revenue Total:			\$ 311,699	\$ 309,449	\$ 344,699	\$ 392,149	\$ 464,599	\$ 485,649	\$ 523,399	\$ 518,149	\$ 485,299	\$ 472,949	\$ 402,299	\$ 695,749	\$ 5,406,088

DRAFT 2020 OPERATING BUDGET EXPENSES

FACILITIES & O&M EXPENSES		2020												TOTAL		
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec			
Operating Facilities																
2175	20 Facility Related Field Labor	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 18,416.67	\$ 221,000.00
2235	21 Repairs to Facilities and Equipment	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 25,416.67	\$ 305,000.00
2265	22 Power-Gas & Electric (utilities)	\$ 36,120.00	\$ 36,120.00	\$ 36,120.00	\$ 54,180.00	\$ 54,180.00	\$ 54,180.00	\$ 72,240.00	\$ 72,240.00	\$ 72,240.00	\$ 42,140.00	\$ 42,140.00	\$ 30,100.00			\$ 602,000.00
Operating Facilities Total:		\$ 79,953.33	\$ 79,953.33	\$ 79,953.33	\$ 98,013.33	\$ 98,013.33	\$ 98,013.33	\$ 116,073.33	\$ 116,073.33	\$ 116,073.33	\$ 85,973.33	\$ 85,973.33	\$ 73,933.33			\$ 1,128,000.00
Operating Activities																
2475	18 Customer Services/Billing	\$ 6,020.00	\$ 6,020.00	\$ 17,200.00	\$ 6,020.00	\$ 6,020.00	\$ 6,020.00	\$ 6,020.00	\$ 6,020.00	\$ 6,020.00	\$ 6,020.00	\$ 8,600.00	\$ 6,020.00			\$ 86,000.00
2498	19 Conservation Activities	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00			\$ 30,000.00
Operating Activities Total:		\$ 8,520.00	\$ 8,520.00	\$ 19,700.00	\$ 8,520.00	\$ 8,520.00	\$ 8,520.00	\$ 8,520.00	\$ 8,520.00	\$ 8,520.00	\$ 8,520.00	\$ 11,100.00	\$ 8,520.00			\$ 116,000.00
Other Operating Expense																
2205	24 Non-Facility Related Labor	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67	\$ 6,916.67			\$ 83,000.00
2210	25 O&M - All Other	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33			\$ 1,000.00
2280	26 Purchased Water	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
2295	23 Supplies (Inventory & Tools Expense)	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33	\$ 833.33			\$ 10,000.00
2715	28 Property Taxes	\$ -	\$ -	\$ 110,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 110,000.00			\$ 220,000.00
2805	27 Wtr. Resource Mgmt. (Basin Assm'ts)	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 13,636.36	\$ 70,000.00	\$ 13,636.36			\$ 220,000.00
2850	30 Inventory Shrinkage	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ -
Other Operating Expense Total:		\$ 21,469.70	\$ 21,469.70	\$ 131,469.70	\$ 21,469.70	\$ 21,469.70	\$ 21,469.70	\$ 21,469.70	\$ 21,469.70	\$ 21,469.70	\$ 21,469.70	\$ 77,833.33	\$ 131,469.70			\$ 534,000.00
O & M Expense Total:		\$ 109,943.03	\$ 109,943.03	\$ 231,123.03	\$ 128,003.03	\$ 128,003.03	\$ 128,003.03	\$ 146,063.03	\$ 146,063.03	\$ 146,063.03	\$ 115,963.03	\$ 174,906.67	\$ 213,923.03			\$ 1,778,000.00
GENERAL ADMINISTRATIVE EXPENSES																
Personnel																
2115	2 Administrative Services	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33	\$ 24,583.33			\$ 295,000.00
2130	3 Development/Water Svc App	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33	\$ 83.33			\$ 1,000.00
2325	13 Taxes - Payroll (office and field)	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00	\$ 6,500.00			\$ 78,000.00
2355	4 Worker's Compensation Insurance	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33	\$ 1,333.33			\$ 16,000.00
2385	5 Benefit Pay (Vac., Sick, Etc.)	\$ 22,050.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 9,555.00	\$ 29,400.00	\$ 29,400.00			\$ 147,000.00
2415	6 Benefit Insurance (Pension, Life, Medical, Dental, Vision)	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80	\$ 20,058.80			\$ 240,705.55
2430	7 Benefit Administrative Services	\$ -	\$ -	\$ -	\$ -	\$ 95.53	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,269.22	\$ -			\$ 1,364.75
Personnel Total:		\$ 74,608.80	\$ 62,113.80	\$ 62,113.80	\$ 62,113.80	\$ 62,209.33	\$ 62,113.80	\$ 62,113.80	\$ 62,113.80	\$ 62,113.80	\$ 62,113.80	\$ 63,383.01	\$ 62,113.80	\$ 81,958.80		\$ 779,070.30
Other																
2445	9 Office/ IT Support	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33	\$ 5,833.33			\$ 70,000.00
2505	1 Directors Fees & Expenses	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67	\$ 2,666.67			\$ 32,000.00
2535	11 Liability Insurance (Non-empl. benft.)	\$ -	\$ -	\$ -	\$ 39,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -			\$ 39,000.00
2595	14 Communications	\$ 5,300.00	\$ 5,300.00	\$ 15,900.00	\$ 5,300.00	\$ 5,300.00	\$ 15,900.00	\$ 5,300.00	\$ 5,300.00	\$ 15,900.00	\$ 5,300.00	\$ 5,300.00	\$ 15,900.00			\$ 106,000.00
2625	15 Dues & Subscriptions	\$ 930.00	\$ -	\$ -	\$ -	\$ -	\$ 930.00	\$ -	\$ 300.00	\$ 840.00	\$ -	\$ -	\$ -			\$ 3,000.00
2655	10 Outside Services	\$ 10,750.00	\$ 25,750.00	\$ 51,750.00	\$ 51,750.00	\$ 51,750.00	\$ 51,750.00	\$ 51,750.00	\$ 10,750.00	\$ 10,750.00	\$ 10,750.00	\$ 10,750.00	\$ 10,750.00			\$ 349,000.00
2745	12 Taxes - Income	\$ -	\$ -	\$ 6,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,000.00			\$ 8,000.00
2775	8 Accounting Expense	\$ 4,836.36	\$ 4,836.36	\$ 22,800.00	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36	\$ 4,836.36			\$ 76,000.00
2276	8 Legal Expense	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00			\$ 180,000.00
2790	16 Human Resource Expense	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00			\$ 42,000.00
2865	17 All Other	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00	\$ 3,500.00			\$ 42,000.00
Other Total:		\$ 52,316.36	\$ 66,386.36	\$ 126,950.00	\$ 131,386.36	\$ 92,386.36	\$ 103,916.36	\$ 92,386.36	\$ 51,686.36	\$ 62,826.36	\$ 51,386.36	\$ 51,386.36	\$ 63,986.36			\$ 947,000.00
G. & A. Expense Total:		\$ 126,925.16	\$ 128,500.16	\$ 189,063.80	\$ 193,500.16	\$ 154,595.69	\$ 166,030.16	\$ 154,500.16	\$ 113,800.16	\$ 124,940.16	\$ 114,769.38	\$ 113,500.16	\$ 145,945.16			\$ 1,726,070.30
Total Expenses:		\$ 236,868.19	\$ 238,443.19	\$ 420,186.83	\$ 321,503.19	\$ 282,598.72	\$ 294,033.19	\$ 300,563.19	\$ 259,863.19	\$ 271,003.19	\$ 230,732.41	\$ 288,406.83	\$ 359,868.19			\$ 3,504,070.30

DRAFT 2020 OPERATING BUDGET EQUIPMENT

		DRAFT 2020 EQUIPMENT												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL
#	Equipment Purchases													
1	Color copier/scanner replacement for Administration						\$ 10,000							\$ 10,000
2	Check Scanner replacment for Administration				\$ 4,000									\$ 4,000
3	Computers		\$ 6,000					\$ 6,000						\$ 12,000
4	Asphalt Concrete Cutting Saw			\$ 3,600										\$ 3,600
5	Pipeline Locator					\$ 2,000								\$ 2,000
6	Misc. Hand Tools for Trucks		\$ 500		\$ 500		\$ 500		\$ 500					\$ 2,000
7	Submersible Trash Pump w/ hoses	\$ 500												\$ 500
Total		\$ 500	\$ 6,500	\$ 3,600	\$ 4,500	\$ 2,000	\$ 10,500	\$ 6,000	\$ 500	\$ -	\$ -	\$ -	\$ -	\$ 34,100

DRAFT 2020 OPERATING BUDGET CAPITAL IMPROVEMENTS

		DRAFT 2020 CIP												TOTAL
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
#	Domestic Water System													
1	Holly Drive Tank, Phase II				\$ 95,400	\$ 95,400	\$ 95,400	\$ 95,400	\$ 95,400					\$ 477,000
2	Glendale Road between Mountain and Park	\$ 2,500	\$ 2,500	\$ 3,000			\$ 17,000	\$ 17,000						\$ 42,000
3	Cliff near Euclid Crescent and Cliff	\$ 18,667	\$ 18,667	\$ 18,667		\$ 56,000	\$ 56,000	\$ 56,000	\$ 56,000					\$ 280,000
4	Primrose, north of 25th		\$ 9,000	\$ 9,000		\$ 21,750	\$ 21,750	\$ 21,750	\$ 21,750					\$ 105,000
5	Linda, north of 24th			\$ 7,333	\$ 7,333	\$ 7,333			\$ 28,000	\$ 28,000	\$ 28,000	\$ 28,000		\$ 134,000
6	Domestic Water Meter Replacement (1,215 meters/15yrs)								\$ 25,000	\$ 25,000				\$ 50,000
7	SCADA PLC Controller Replacement		\$ 10,000	\$ 20,000	\$ 10,000									\$ 40,000
8	Cucamonga Crosswall Enviro Mitigation				\$ 50,000				\$ 23,000					\$ 73,000
9	Frankish Tunnel Pipeline Repair and Meter Install						\$ 5,000	\$ 5,000		\$ 15,000	\$ 15,000			\$ 40,000
10	Site 19 Well										\$ 26,667	\$ 26,667	\$ 26,667	\$ 80,000
11	Company Geographical Information System	\$ 10,000	\$ 20,000	\$ 10,000										\$ 40,000
	Total	\$ 31,167	\$ 60,167	\$ 68,000	\$ 162,733	\$ 180,483	\$ 195,150	\$ 195,150	\$ 249,150	\$ 68,000	\$ 69,667	\$ 54,667	\$ 26,667	\$ 1,361,000
	Irrigation System													
12	Water Meter Replacement (15yrs)						\$ 10,000	\$ 10,000						\$ 20,000
13	SCADA PLC Controller Replacement		\$ 10,000	\$ 20,000	\$ 10,000									\$ 40,000
14	Reservoir 9 Pipeline Replacement				\$ 20,000	\$ 20,000	\$ 20,000	\$ 20,000			\$ 81,600	\$ 81,600	\$ 81,600	\$ 324,800
15	Viewpoint, Canyon View to Campus	\$ 11,500	\$ 11,500	\$ 11,500	\$ 11,500			\$ 76,667	\$ 76,667	\$ 76,667				\$ 276,000
	Total	\$ 11,500	\$ 21,500	\$ 31,500	\$ 41,500	\$ 20,000	\$ 30,000	\$ 106,667	\$ 76,667	\$ 76,667	\$ 81,600	\$ 81,600	\$ 81,600	\$ 660,800
	TOTAL	\$ 42,667	\$ 81,667	\$ 99,500	\$ 204,233	\$ 200,483	\$ 225,150	\$ 301,817	\$ 325,817	\$ 144,667	\$ 151,267	\$ 136,267	\$ 108,267	\$ 2,021,800

Design/Engineering
Construction

CAPITAL IMPROVEMENTS

Company CIP Needs

Domestic System	Number		Per facility replacement cost	Facilities cost	Design Life	Cost per year
Wells	3	ea	\$ 1,000,000	\$ 3,000,000	25	\$ 120,000
Reservoirs	7,560,000	gallons	\$ 1.25	\$ 9,450,000	80	\$ 118,000
Booster Stations	6	ea	\$ 400,000	\$ 2,400,000	40	\$ 60,000
Intakes	2	ea	\$ 400,000	\$ 800,000	40	\$ 20,000
Pipelines	133,256	lf	\$ 200	\$ 26,651,200	80	\$ 333,000
TOTAL YEARLY CIP BUDGET						\$ 651,000

Irrigation System	Number		Per facility replacement cost	Facilities cost	Design Life	Cost per year
Wells	7	ea	\$ 1,000,000	\$ 7,000,000	25	\$ 280,000
Reservoirs	3,000,000	gallons	\$ 1.25	\$ 3,750,000	80	\$ 47,000
Booster Stations	3	ea	\$ 400,000	\$ 1,200,000	40	\$ 30,000
Intakes	2	ea	\$ 400,000	\$ 800,000	40	\$ 20,000
Pipelines	112,967	lf	\$ 200	\$ 22,593,400	80	\$ 282,000
TOTAL YEARLY CIP BUDGET						\$ 659,000

TOTAL COMPANY YEARLY CIP BUDGET \$ 1,310,000

Project Title: **Holly Drive Tank, Phase II**

Total Budget: **\$527,000**

Engineering: \$50,000

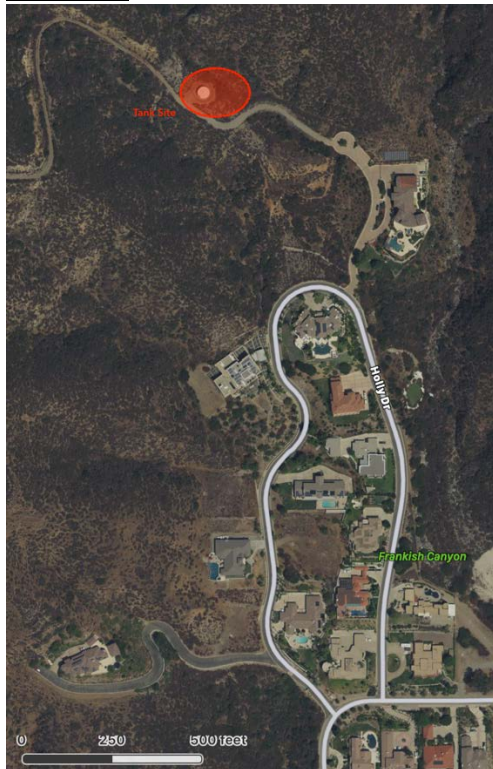
Construction: \$477,000

Schedule:

Bidding: February-March 2020

Construction: April-August 2020

Location:



Justification: Provide an additional 170,000-gallon storage capacity to meet operational storage, emergency storage and fire flow requirements. Install two inline system control valves.

Project Title: **Glendale Road between Mountain and Park**

Total Budget: **\$42,000**

Engineering: \$8,000

Construction: \$34,000

Schedule:

Engineering: January - March 2020

Construction: June – July 2020

Location:



Justification: There are currently two pipelines in Glendale Road; an old 2" and a new 6". This project abandons the small diameter pipeline between Mountain Avenue and Park Boulevard. Connect existing 3 service laterals to existing 6" pipeline. Identified in the 2017 Master Plan as a high priority project.

Project Title: **Cliff near Euclid Crescent and Cliff**

Total Budget: **\$280,000**

Engineering: \$56,000

Construction: \$224,000

Schedule:

Engineering: January – March 2020

Bidding: March-April 2020

Construction: May – August 2020

Location:



Justification: Upgrade small diameter pipeline in Cliff Road, from 25th Street to Euclid Crescent. Install new laterals to five homes on Cliff Drive, connecting them to the new upper zone pipeline. The existing FH does not meet available fire flow. Pipeline has exceeded its useful life. Identified in the 2017 Master Plan as a medium priority project.

Project Title: **Primrose, north of 25th**

Total Budget: **\$105,000**

Engineering: \$18,000

Construction: \$87,000

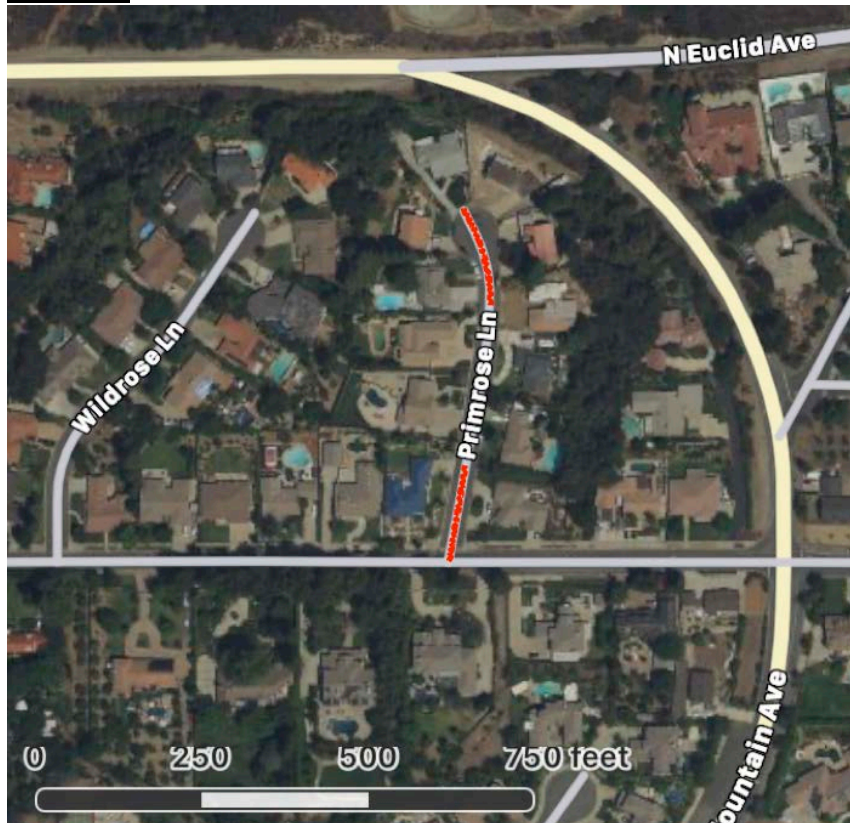
Schedule:

Engineering: February - March 2020

Bidding: District Forces

Construction: May 2020

Location:



Justification: Replace pipeline on Primrose Lane, north of West 25th Street. The pipeline was installed before 1976 and has exceeded its useful life. Also will relocate one service lateral from a backyard run into Mountain Avenue. Identified in the 2017 Master Plan as a low priority project.

Project Title: **Linda, North of 24th**

Total Budget: **\$134,000**

Engineering: \$22,000

Construction: \$112,000

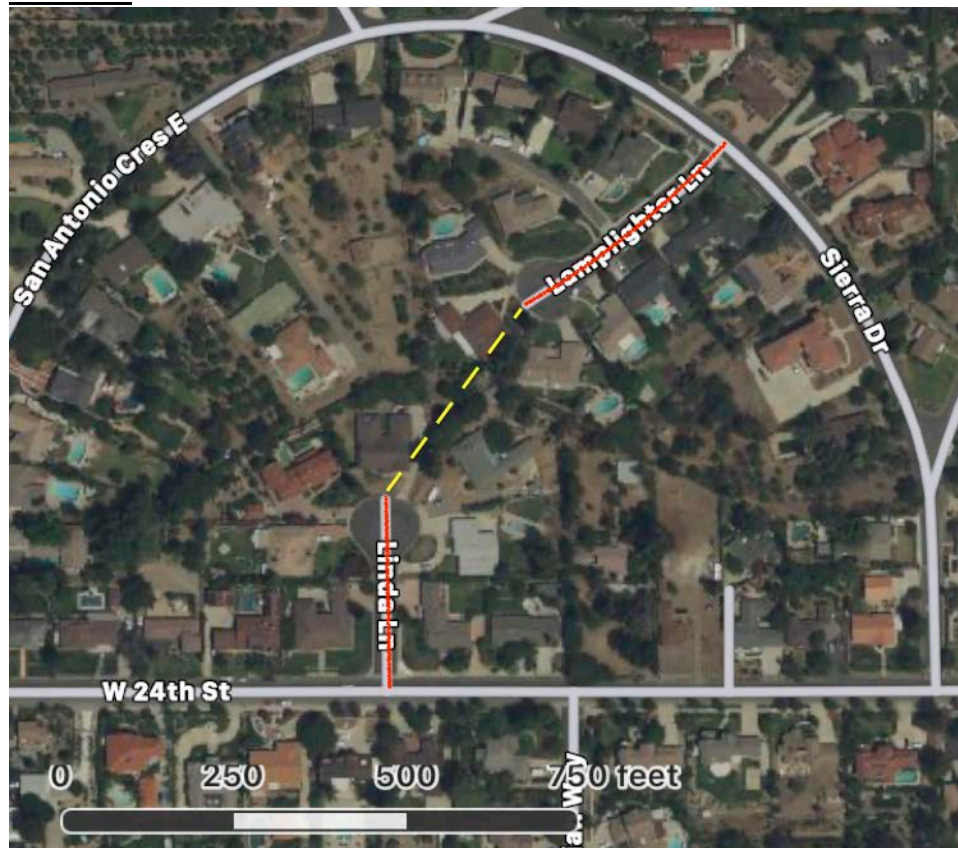
Schedule:

Engineering: March-May 2020

Bidding: May-June 2020

Construction: August-November 2020

Location:



Justification: Replace pipeline on Linda Lane, north of W 24th Street and Lamplighter Lane, west of Sierra Drive. Abandon pipeline located in backyards between Linda and Lamplighter. Install flushing hydrants at end of Linda and Lamplighter. The existing pipeline was installed before 1976 and has exceeded its useful life. Identified in the 2017 Master Plan as a low priority project.

Project Title: **Domestic Water Meter Replacement**

Total Budget: **\$50,000**

Engineering: \$0

Construction: \$50,000

Schedule:

Installation: August-September 2020

Location:



Justification: Water meters have an average operating life of seven to fifteen years. Newer meters with improved technology lasting longer than older meters. To avoid a large replacement program in any one or two years, an on-going program that replaces a small subset of meters in any given year is recommended, with the ultimate goal of replacing every meter on a ten to fifteen-year cycle.

Staff is proposing replacement of 200+- meters per year. The Domestic Water Meter Replacement program was not implemented in 2019. For 2020 staff is proposing replacement of 300+- meters located in books 1 through 4, west of Mountain Avenue.

This project may be impacted by the Company's review of Automated Meter Reading (AMR) that would provide daily information regarding domestic consumption. Staff has budgeted this project later in the fiscal year to allow time for the AMR review to complete before spending money.

The Company has 1,300+- domestic meters.

Project Title: **SCADA PLC Controller Replacement**

Total Budget: **\$40,000**

Engineering: \$0

Construction: \$40,000

Schedule:

Installation: February - April 2020

Location: System Wide

Justification: A water system is controlled in-part through the System Control and Data Acquisition (SCADA) computer network. Communications occur between the central control server and Programmable Logic Controllers (PLCs) located at each facility. PLCs contain instructions on site specific activities ranging from reservoir water levels, chlorination levels and site security alarms. The Company's current PLC inventory contains almost 40 PLCs of differing electronics from different companies programmed by different people, without the benefit of standardization or documentation retained by the Company.

Staff is proposing the modernization of Company PLCs on a multi-year basis, replacing two to four per year. Replacement will include standardization of instruction sets and documentation of each PLC's programming, input and output.

For this year staff is proposing replacement of the PLCs at the Forebay and Office.

Project Title: **Cucamonga Crosswall Environmental Mitigation**

Total Budget: **\$73,000**

Maintenance: \$73,000

Schedule:

Maintenance: April & August 2020

Location:



Justification: As a condition of the Cucamonga Crosswalls repair project, the Company committed to conduct mitigation and associated environmental monitoring for a period of no less than five years. This commitment was a condition of the California Department of Fish and Wildlife Streambed Alteration Agreement.

The mitigation includes yearly removal of invasive plant species and seeding of native plant species. Mitigation will occur in the late winter-early spring months. The intent is to provide enough time for native and invasive seed to germinate but not establish strong roots or go to seed.

Project Title: **Frankish Tunnel Pipeline Repair and Meter Install**

Total Budget: **\$50,000**

Engineering: \$10,000

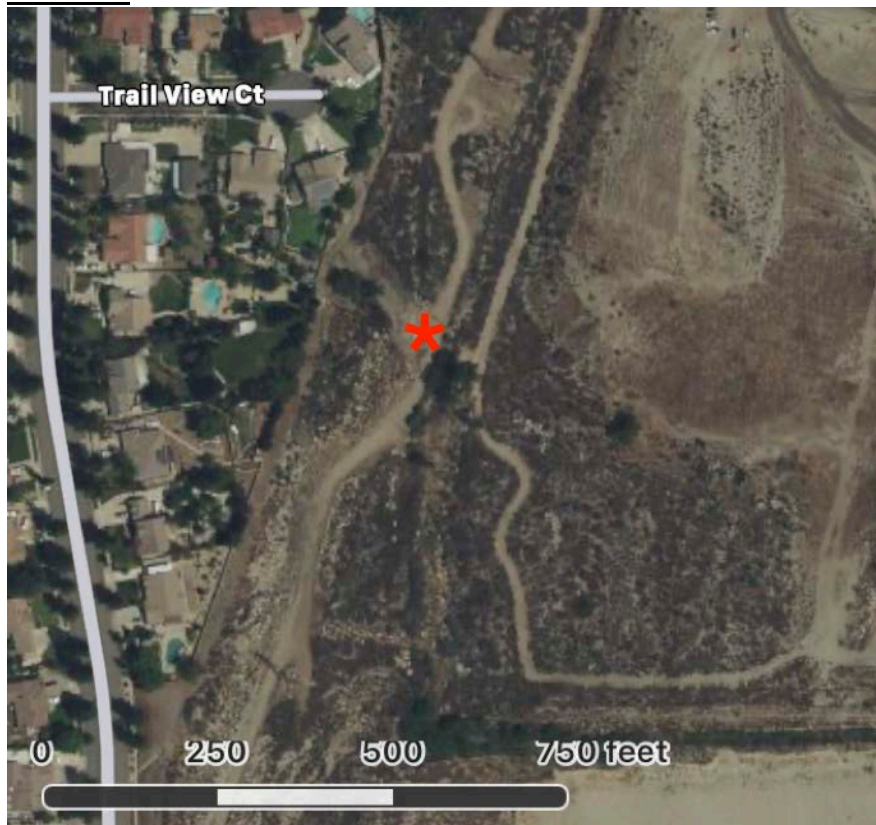
Construction: \$40,000

Schedule:

Design: June – July 2020

Construction: September – October 2020

Location:



Justification: The metering arrangement at the Frankish Tunnel outflow is not set to the appropriate hydraulic grade and the Company is unable to meter all waterflow from the tunnel. Additionally, this location is a transfer point for spread water from the forebay into Basin 6A. To improve metering and accounting for all available water, staff would like to upgrade the tunnel outfall and install an additional meter.

Project Title: **Well Site 19**

Total Budget: **\$1,312,000**

Engineering: \$160,000

Construction: \$1,152,000 total (\$691,000 in 2020)

Schedule:

Engineering: October 2020 – March 2021

Bidding: June-July 2021

Construction: October 2021 – February 2022

Location:



Justification: Unable to meet supply requirements, 2008 Master Plan recommendation. Construct a new well at Site 19. Identified in the 2017 Master Plan as a high priority project.

Project Title: **Company Geographical Information System**

Total Budget: **\$50,000**

Consulting: \$30,000

Hardware/Software: \$20,000

Schedule:

Project was approved in 2019

Consulting: November 2019-March 2020

Location: Company wide

Justification:

The intent of the new GIS database is to:

- Aggregate pertinent information of Company facilities into a database that can be readily queried. (location, size, material, year constructed, as-builts, photos, etc.)
- Aggregate known Company easements into a geospatial database.
- Incorporate appropriate external geospatial information including photogrammetry imagery and County parcel information.
- Create a facility records database with a graphic front-end that is readily accessible in the field (tablet enabled 'system map').
- Develop a facility records database that is flexible and easily updated.
- Include meters with appropriate information including GPS location, size, identifying number and customer account records.
- Link the new GIS database to Company finance and billing database to provide the ability to query billing records and present results in a graphical environment (e.g. monthly consumption by parcel, color-coded by amount consumed). This feature does not necessarily have to be in 'real-time'. But the links need to be established for at least monthly updates.
- Link the new GIS database elements to Company asset management records/ depreciating assets database.
- The data should be compatible with modeling software for future Company needs.

Project Title: **Irrigation Water Meter Replacement**

Total Budget: **\$20,000**

Installation: \$20,000

Schedule:

Installation: June – July 2020

Location: System Wide

Justification: Water meters have an average operating life of seven to fifteen years. Newer meters with improved technology lasting longer than older meters. To avoid a large replacement program in any one or two years, an on-going program that replaces a small subset of meters in any given year is recommended, with the ultimate goal of replacing every meter on a ten to fifteen-year cycle.

Staff is proposing replacement of 2 meters per year.

This project may be impacted by the Company's review of Automated Meter Reading (AMR) that would provide daily information regarding domestic consumption. Staff has budgeted this project later in the fiscal year to allow time for the AMR review to complete before spending money.

Company has 12 irrigation meters.

Project Title: **Irrigation SCADA PLC Controller Replacement**

Total Budget: **\$40,000**

Installation: \$40,000

Schedule:

Installation: February - April 2020

Location: System Wide

Justification: A water system is controlled in-part through the System Control and Data Acquisition (SCADA) computer network. Communications occur between the central control server and Programmable Logic Controllers (PLCs) located at each facility. PLCs contain instructions on site specific activities ranging from reservoir water levels, chlorination levels and site security alarms. The Company's current PLC inventory contains 12 PLCs, with differing electronics from different companies programmed by different people, without the benefit of standardization or documentation retained by the Company.

Staff is proposing the modernization of Company PLCs on a multi-year basis, replacing two to four per year. Replacement will include standardization of instruction sets and documentation of each PLC's programming, input and output. For 2020 staff is proposing replacement of PLCs at Well 31 and Reservoir 1.

Project Title: **Reservoir 9 Pipeline Replacement**

Total Budget: **\$488,000**

Engineering: \$80,000

Construction: \$408,000

Schedule:

Design: April – July 2020

Construction: October – December 2020

Location:



Justification:

Replace pipeline on 25th Street and along backside of Burt Street homes to Reservoir #9. Abandon pipeline installed in backyard along Electric Avenue and Newman Street. The 24" concrete pipeline was installed before 1976 and has exceeded its useful life. Identified by staff as a high maintenance root-bound pipeline.

Project Title: **Irrigation Pipeline Viewpoint, Canyon View Ave to Campus Ave**

Total Budget: **\$276,000**

Engineering: \$46,000

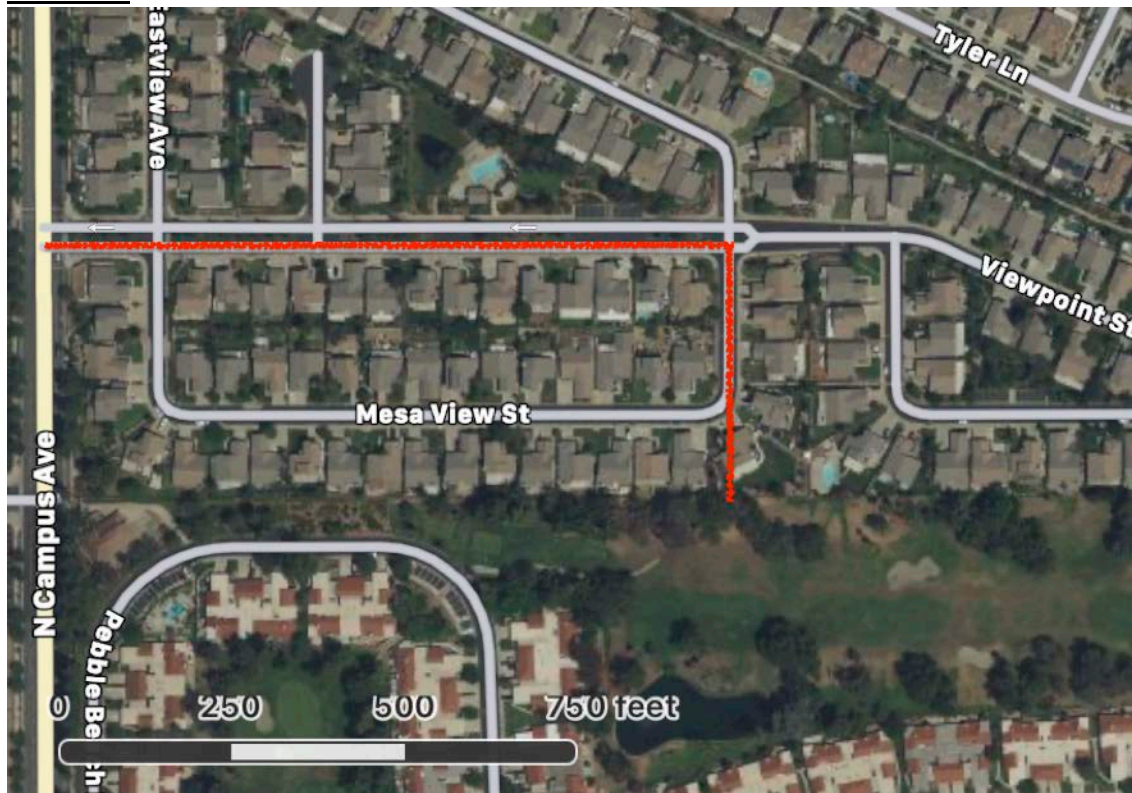
Construction: \$230,000

Schedule:

Engineering: January - April 2020

Construction: July – September 2020

Location:



Justification:

Replace pipeline on Viewpoint St. between Canyon View Ave and Campus Ave. The pipeline was installed before 1976 and has exceeded its useful life. Identified by operations staff as a high maintenance pipeline.

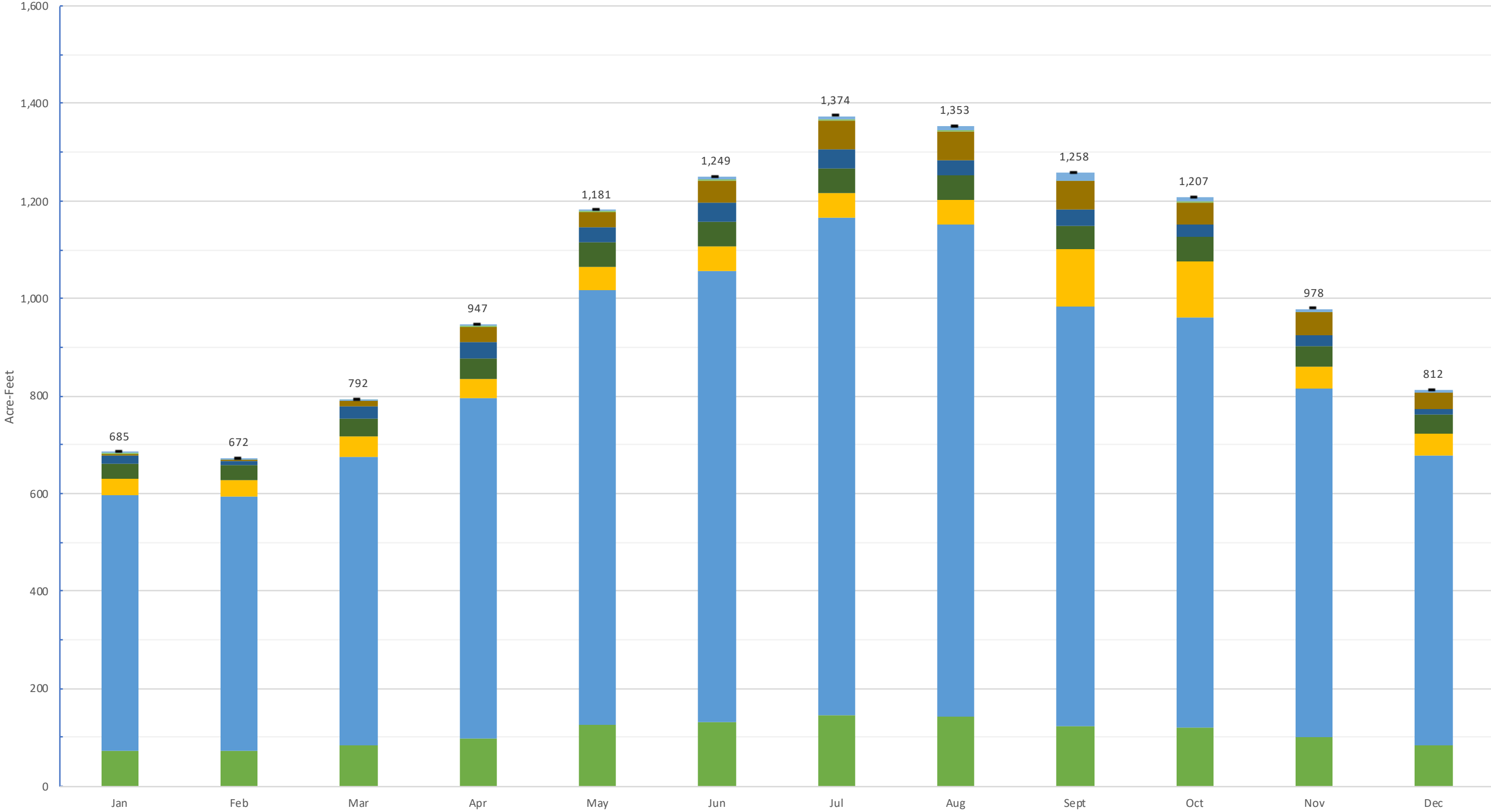
ENTITLEMENT PROJECTIONS

		2020 Projections											Entitlement	
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov		Dec
San Antonio Heights														
	Projected Monthly Delivery	72	72	82	96	123	128	141	139	119	116	99	82	
	Projected Cumulative Delivery	72	144	226	322	445	573	714	853	972	1,088	1,187	1,269	= 1,269
City of Upland														
	Projected Monthly Delivery	522	520	593	696	891	924	1,021	1,008	862	842	715	593	
	Projected Cumulative Delivery	522	1,042	1,635	2,331	3,222	4,146	5,167	6,175	7,037	7,879	8,593	9,186	= 9,186
Monte Vista Water District														
	Projected Monthly Delivery	34	34	41	41	47	51	51	51	116	116	45	45	
	Projected Cumulative Delivery	34	68	109	150	197	248	299	350	466	582	627	672	= 671
City of Ontario														
	Projected Monthly Delivery	30	30	36	40	50	50	50	50	50	50	40	40	
	Projected Cumulative Delivery	30	60	96	136	186	236	286	336	386	436	476	516	= 601
Holiday Rock Company														
	Projected Monthly Delivery	18	10	24	34	32	40	40	32	32	24	24	12	
	Projected Cumulative Delivery	18	28	52	86	118	158	198	230	262	286	310	322	= 269
Red Hills Golf Course														
	Projected Monthly Delivery	4	2	12	32	32	46	58	58	58	46	46	32	
	Projected Cumulative Delivery	4	6	18	50	82	128	186	244	302	348	394	426	= 444
Red Hill HOA														
	Projected Monthly Delivery	1	1	1	1	1	2	2	2	2	2	1	1	
	Projected Cumulative Delivery	1	2	4	5	6	8	10	12	14	16	17	18	= 20
Minor Irrigators														
	Projected Monthly Delivery	1	1	1	3	1	4	6	8	10	8	6	4	
	Projected Cumulative Delivery	1	2	3	6	7	11	17	25	35	43	49	53	= 102
COMPANY TOTAL (EX. INACTIVE)														
	Projected Monthly Delivery	683	670	790	944	1,177	1,245	1,369	1,348	1,248	1,204	975	809	
	Projected Cumulative Consumption	683	1,352	2,142	3,086	4,263	5,508	6,877	8,225	9,474	10,677	11,653	12,462	
	Straight Line Mnthly Ent	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	1,047.56	
	Cumulative Mnthly Ent	1,048	2,095	3,143	4,190	5,238	6,285	7,333	8,380	9,428	10,476	11,523	12,571	
	Active Share Ent	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	12,571	

		Projected Production												
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov		Dec
	Gravity	300	600	600	600	600	400	300	200	100	100	100	100	
	Gravity Cumulative	300	900	1500	2100	2700	3100	3400	3600	3700	3800	3900	4000	= 4,425
	Chino						100	100	100	100	100	100	100	
	Chino Cumulative	0	0	0	0	0	100	200	300	400	500	600	700	= 1,232
	Cucamonga	200	200	300	600	600	700	700	700	600	600	400	400	
	Cucamonga Cumulative	200	400	700	1300	1900	2600	3300	4000	4600	5200	5600	6000	= 5,981
	Six Basins	80	80	80	80	80	80	90	100	100	90	80	80	
	Six Basins Cumulative	80	160	240	320	400	480	570	670	770	860	940	1020	= 932

all units in acre-feet

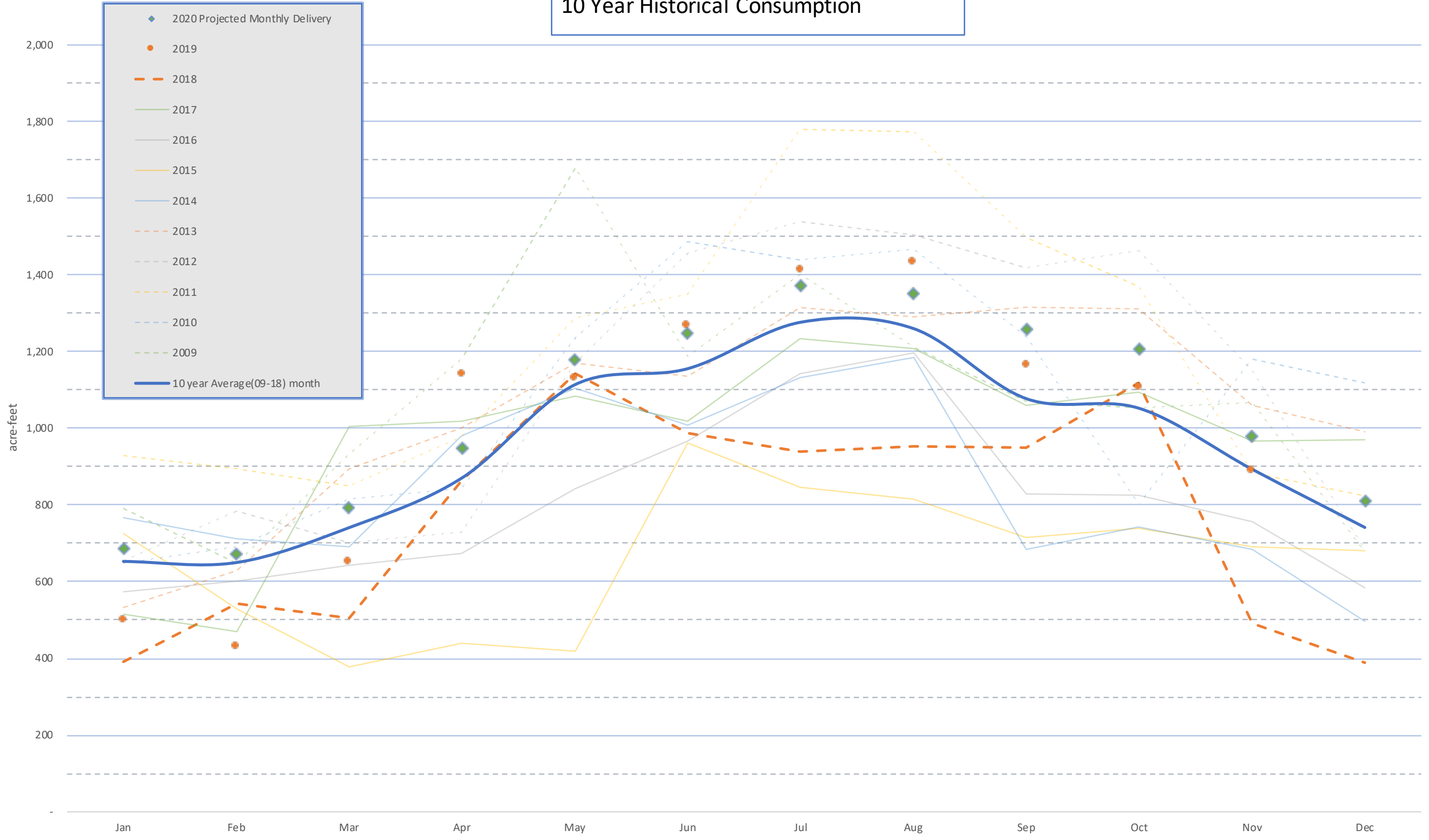
2020 Budget Estimated Consumption



■ San Antonio Heights
 ■ City of Upland
 ■ Monte Vista Water District
 ■ City of Ontario
 ■ Holiday Rock Company
 ■ Red Hills Golf Course
 ■ Red Hill HOA
 ■ Minor Irrigators
 ■ TOTAL

10yr Avg

10 Year Historical Consumption



Agenda Item No. 6B

Item Title: Water Shortage Stage Alert Status

Purpose:

To present a proposed change in the current “Moderate Shortage Stage” status to “Water Conservation – Year Round Stage”.

Issue:

On March 1, 2014 the Water Company implemented the Moderate Shortage Stage alert in accordance with Resolution No. 2006-06-03 due to reduced source water supply. Continued reduction in water supply caused the High Shortage Stage alert to be implemented on March 1, 2015.

Increased rainfall in December 2016 through the early part of 2017 helped increase the water supply and as a result the High Shortage Stage was lifted and the Moderate Shortage Stage once again was put into place.

With the substantial precipitation in early 2019 and an increase in water supply, does the Board agree to lower the watering restrictions from Moderate Shortage Stage alert to Water Conservation – Year Round Stage?

Manager’s Recommendation:

That the Board approves reducing the Moderate Water Shortage Stage alert to the Water Conservation – Year Round Stage effective January 1, 2020 as appropriate.

Background:

The change in watering restrictions for the Water Conservation – Year Round Stage per the resolution as follows;

CONSERVATION PROGRAM – YEAR ROUND STAGE

A. The following activities are hereby prohibited:

- 1.0 The washing of sidewalks, walkways, driveways, public and private parking areas and all other impervious hard surfaced areas by direct hosing when runoff water directly flows to a gutter or storm drain; except as may be necessary to properly dispose of flammable or other dangerous liquids or substances, wash away spills that present a trip and fall hazard, or to prevent or eliminate materials dangerous to the public health and safety;
 - a. Excessive or unreasonable run off of water or unreasonable spray of the areas being watered. Every shareholder is deemed to have his/her water system under control at all times, to know the manner and extent of this water use and any run off, and to employ available alternatives to apply irrigation water in a reasonably efficient manner;

December 17, 2019

- 2.0 Allowing, permitting or causing the escape of water through breaks or leaks within the customers plumbing or private water distribution system for any substantial period of time within which such break or leak should reasonably have been discovered and corrected. It shall be presumed that a period of seventy-two (72) hours after the customer discovers such a break or leak or receives notice from the Water Company of a break or leak, is a reasonable time within which to correct such break or leak, or, at a minimum, to stop the flow of water from such break or leak;
- 3.0 Outdoor irrigation of landscape by sprinklers during the hours of 10:00 a.m. to 6:00 p.m. Shareholders are encouraged to avoid the use of sprinklers on windy days. Irrigation by hand held hose, drip irrigation, hand held bucket, or similar container or by use of a cleaning machine equipped to recycle any water used are permitted anytime. In no event shall any water so used be permitted to run off into adjacent property, streets, and alleys or storm drains;
- 4.0 Washing of automobiles, trucks, trailers, boats, and other types of equipment (mobile or otherwise) unless done with a hand held bucket or hand held hose equipped with a positive shutoff nozzle for quick rinses. The nozzle shall be removed when the hose is not in use to ensure the water supply is shutoff. However, this section does not apply to the washing of the above-listed vehicles or mobile equipment when conducted on the immediate premises of a commercial carwash;
- 5.0 With respect to eating and drinking establishments of any kind including, but not limited to, any restaurant, hotel, cafe, cafeteria, bar or club, whether public or private, that benefits from the supply of water by the Water Company shall not provide drinking water to any person unless expressly requested.

B. Exceptions: None of these restrictions shall apply to the following:

- 1.0 The routine and necessary use of water, other than for landscape irrigation, by a governmental entity in pursuit of its governmental functions for the benefit of the public, such as construction projects and for the cleaning of streets to prevent debris and harmful substances from entering water systems via storm drains;
- 2.0 The necessary use of water for the routine maintenance, repair or construction of distribution and water supply facilities, residential and commercial plumbing and permanently installed landscaped irrigation systems.
- 3.0 Available non-potable water which is only delivered for irrigation purposes and/or not available for distribution by current Water Company production and conveyance facilities.

December 17, 2019

Previous Actions:

High Shortage Stage Alert was implemented on March 1, 2015.

Moderate Shortage Stage Alert was implemented on March, 2017.

Impact on the Budget:

Reduction in fines for non-compliance.



Water Alert

Conservation Program - Year Round Stage

- No Outdoor Watering between 10 am and 6 pm
- Handheld hose with nozzle required when washing automobiles
- No washing off driveways, sidewalks, or walkways
- Repair leak or leaks within 72 hours of discovery
- No Excessive water run-off or unreasonable spray of areas being watered

Item Title: Authorization to Issue Change Order #1 for Campus Avenue Waterline

Purpose:

To authorize the General Manger to issue a Change Order for the Campus Avenue pipeline replacement project.

Issue:

Should the Board authorize Change Order #1 to T.E. Roberts Inc. for a not to exceed amount of \$71,244?

Manager's Recommendation:

Authorize General Manager to execute Change Order #1 with T.E. Roberts Inc. for a not to exceed amount of \$71,244.

Background:

In 2018 the Company contracted with CivilTech Engineering for the design of a pipeline replacement project within Campus Avenue from 20th Street to 22nd Street. The project is intended to replace aged 8" and 10" pipeline that traverses over private property within backyards. Construction was budgeted for the 2019 fiscal year. The project's budgeted construction cost is \$496,000.

Plans and specifications were completed, and the project was put out to bid in June/July. The bid opening was conducted on July 18, 2019. At the August 20, 2019 Board Meeting the contract was awarded to T.E. Roberts Inc. for a not to exceed amount of \$404,364.

During construction several issues have been discussed in the field that, if authorized, will improve the overall impact of this project on Company functions.

- 1) During design the engineer relies on available utility maps and coordination with other utilities. Coordination is not always completely accurate. Conflicts were discovered during utility mark-out of pipeline alignment. A Verizon conduit was already occupying the chosen alignment along 20th Street. Given the tight quarters, there was limited room to make an easy relocate. Change Order Request #1 amount is \$11,800.85.
- 2) Extending 4" line 600 feet further down 21st Street to connect with existing 4" line, creating a looped system. This extension will allow for better circulation and control of irrigation delivery. The original intent of the project was only to abandon aged pipelines that traversed through backyards from 21st Street to 20th Street. Change Order Request #2 amount is \$54,300.

There will likely be an additional cost for slurry seal at \$0.60 per square foot. Staff estimates there will be 2,800 square feet of slurry seal, adding an additional \$1,680 to the contract. The slurry seal, if needed, will be authorized by staff, as it is within my spending limit.

Agenda Date: December 17, 2019

- 3) Relocating an aged air release - vacuum prevention valve (airvac) from its current location at 22nd Street and 1st Street to the intersection of 22nd Street and Campus Ave. This abandonment & new install would eliminate an old facility and install a new facility at the high-point in the local pipeline system. Change Order Request #3 amount is \$5,143.59.

Change Order Request #1 is required to complete the project. Change Orders Requests #2 and #3 will improve the project.

Impact on the Budget:

Change Order #1 includes \$71,244 in additional Capital Expenditure.

Original Construction Contract	\$ 404,364
Engineering/Inspection Services	\$ 65,000
Geotechnical Services	\$ 5,000
CO#1	71,244 (proposed)
<u>Slurry Seal CO (if needed)</u>	<u>\$ 1,680 (est.)</u>
TOTAL	\$ 547,288
Budget	\$ 517,000
Over budget	(\$ 30,288)

Previous Actions:

Construction contract awarded by Board on August 20, 2019.

Change Order #1



DATE:12/10/19

T.E. Roberts, Inc.

306 W. Katella Avenue
Unit B
Orange, CA 92867
Phone (714) 669-0072 Fax (714) 200-0241

TO:
San Antonio Water Co.
139 N Euclid Ave
Upland, CA 91786

ATTN:
Terry Kerger
626-357-0588
tkerger@civiltec.com

DESCRIPTION	UNIT
ADDITIONAL POTHOLE FOR NEW PLAN	LS
INSTALL POC #1 PER REVISED PLANS. INCLUDING ALL MATERIAL LABOR AND EQUIPMENT. ALSO, INCLUDING UNDERCROSSING TO ACCOMMODATE EXISTING UTILITIES. (3) 6" GATE VALVES INCLUDED	LS
TOTAL	\$11,800.85

Thank you for the opportunity to provide a proposal for this project!

Tim Roberts
T.E. Roberts, Inc.

Accepted by:

_____ Date



Change Order #2

DATE:12/10/19

T.E. Roberts, Inc.

306 W. Katella Avenue
Unit B
Orange, CA 92867
Phone (714) 669-0072 Fax (714) 200-0241

TO:
San Antonio Water Co.
139 N Euclid Ave
Upland, CA 91786

FOR: Additional footage required to connect pipeline, not provided for on plans.

ATTN:
Terry Kerger
626-357-0588
tkerger@civiltec.com

DESCRIPTION	Unit	Qty	Total (Estimate)
FURNISH & INSTALL 4" PVC C-900 @ \$63.00 PER LF (BID ITEM 5)	LF	600	\$37,800.00
TEMPORARY AC / REMOVAL @ \$5.00 PER LF (BID ITEM 8)	LF	600	\$3,000.00
CONSTRUCT 48 (MAX) INCH WIDE X 4-INCH THICK A.C. BASE PAVEMENT OVER 12-INCH COMPACTED BASE MATERIAL. (BID ITEM 9) @ \$22.50 PER LF	LF	600	\$13,500.00
SLURRY SEAL TBD ON SEPARATE CO IF NEEDED.			
TOTAL			\$54,300.00

Thank you for the opportunity to provide a proposal for this project!

Tim Roberts
T.E. Roberts, Inc.

Accepted by:

_____ **Date**

Change Order #3



DATE:12/11/19

T.E. Roberts, Inc.

306 W. Katella Avenue
Unit B
Orange, CA 92867
Phone (714) 669-0072 Fax (714) 200-0241

TO:
San Antonio Water Co.
139 N Euclid Ave
Upland, CA 91786

FOR: Additional material, labor, and equipment to install a 1" AV.

ATTN:
Terry Kerger
626-357-0588
tkerger@civiltec.com

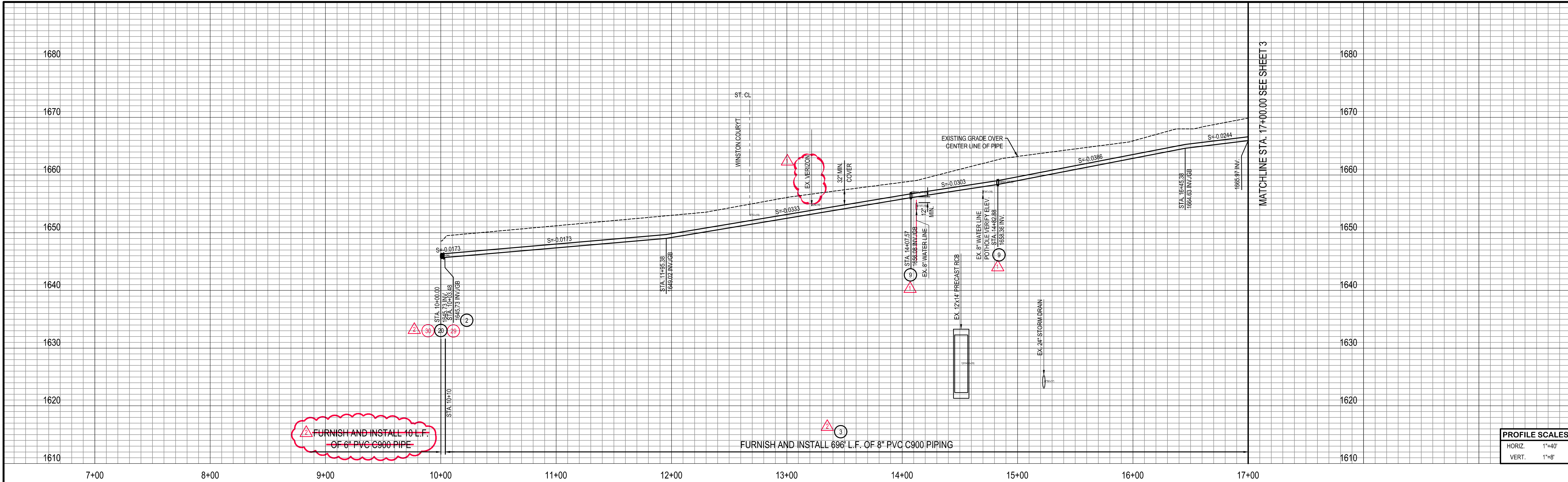
DESCRIPTION	Unit	Qty	Total (Estimate)
INSTALL 1" AIR VAC AS DIRECTED, NOT TO EXCEED 20 LF IN LENGTH.	EA	1	\$5,143.59
TOTAL			\$5,143.59

Thank you for the opportunity to provide a proposal for this project!

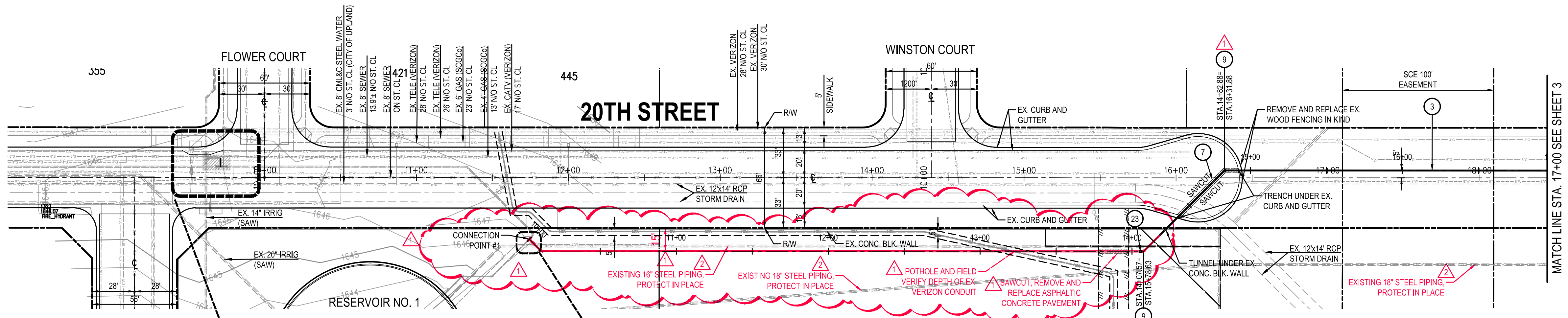
**Tim Roberts
T.E. Roberts, Inc.**

Accepted by:

_____ **Date**

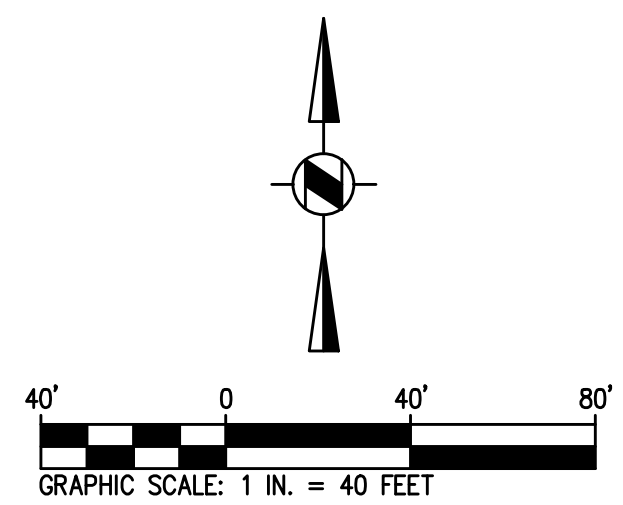


PROFILE SCALES	
HORIZ.	1"=40'
VERT.	1"=8'



- CONSTRUCTION NOTES:**
- 1 REMOVE EXISTING PIPING, BENDS & FITTINGS AS REQUIRED TO COMPLETE INSTALL OF NEW PIPING.
 - 2 FURNISH AND INSTALL 6"x8" D.I. REDUCER, ~~MMJM~~ FLG x FLG.
 - 3 FURNISH AND INSTALL 8" PVC PIPE, C900 WITH TRACER WIRE.
 - 4 CUT AND CAP EXISTING STEEL WATER LINE PIPE.
 - 5 REMOVE AND SALVAGE EXISTING VALVE.
 - 6 FURNISH AND INSTALL 14" STEEL BLIND FLANGE.
 - 7 SAWCUT, REMOVE AND REPLACE A.C. PAVEMENT PER CITY OF UPLAND STANDARD CU-Z-3A PER DETAIL 4 ON SHEET 7.
 - 8 FURNISH AND INSTALL 12" STEEL BLIND FLANGE.
 - 9 FURNISH AND INSTALL 8"x45" D.I. BEND, MMJM WITH THRUST BLOCK PER DETAIL 5 ON SHEET 6.
 - 10 FURNISH AND INSTALL 6" 45" D.I. BEND, FLG x FLG WITH THRUST BLOCK PER DETAIL 5 ON SHEET 6.
 - 11 FURNISH AND INSTALL 6" STEEL SLIP-ON WELDING FLANGE.
 - 12 FURNISH AND INSTALL 6" STANDARD STEEL PIPE, FLANGE x PE.
 - 13 FURNISH AND INSTALL TEST STATION PER DETAIL 4 ON SHEET 6.
 - 14 FURNISH AND INSTALL 14" STEEL SLIP-ON WELDING FLANGE.
 - 15 FURNISH AND INSTALL 6" STEEL BLIND FLANGE.
 - 16 FURNISH AND INSTALL 6" FLANGE X MJ ADAPTER.
 - 17 FURNISH AND INSTALL 12" SLIP-ON WELDING FLANGE.
 - 18 FURNISH AND INSTALL 8" FLANGE X MJ ADAPTER.
 - 19 FURNISH AND INSTALL 6" x 6" x 6" STD. STL. TEE, FLG x FLG X FLG.
 - 20 FURNISH AND INSTALL 6" R.W. GATE VALVE, FLG x FLG, VALVE BOX & COVER AND THRUST BLOCK PER DETAILS 3 AND 5 ON SHEET 6.

- NOTES:**
1. ALL STATIONING SHOWN ON THESE PLANS IS BASED ON CENTER LINE OF PROPOSED WATER LINE.
 2. ROPE PIPE JOINTS TO MAINTAIN HORIZONTAL ALIGNMENT 2 1/2" MAX. PER PIPE JOINT.
 3. CONTRACTOR SHALL POT-HOLE TO VERIFY THE LOCATION, DEPTH, AND CONDITION OF EXISTING WATER MAIN AT ALL CONNECTION POINTS.
 4. WHEN CONNECTING NEW WATER MAIN, THE CONTRACTOR WILL NEED TO REMOVE INTERFERING PORTIONS OF EXISTING WATER LINE TO COMPLETE CONNECTION.



PRIVATE ENGINEERING NOTE

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

MARK	REVISIONS	APPR.	DATE
△	CHANGE PIPE ALIGNMENT, MOVE 10' SOUTH	TLK	10/17/19
△	CHANGE PIPE ALIGNMENT, MOVE CONNECTION POINT NO. 1, ADD VALVES, EXISTING WATER LINES, ETC.	TLK	10/25/19



PREPARED UNDER THE DIRECTION OF:
 TERRY L. KERGER, P.E.
 R.C.E. NO. 34896

DATE: 1/22/19

APPROVED BY: SAN ANTONIO WATER COMPANY
 BRIAN LEE, GM
 DATE: 6/11/19

PLANS PREPARED BY:
 CIVILTEC engineering inc.
 Civil, Water, Wastewater, Drainage, and Transportation Engineering
 Construction Management & Surveying
 California • Arizona

118 West Lime Avenue
 Monrovia, CA 91016
 Phone: 626.357.0588
 Fax: 626.303.7957
 Web: www.civiltec.com

DATE: JANUARY 2019
 SCALE: AS SHOWN
 DRAWN BY: CIVILTEC
 DESIGN BY: CIVILTEC
 CHECKED BY: TLK



SAN ANTONIO WATER COMPANY		DRAWING NO.
CAMPUS AVENUE WATER LINE PROJECT		CO #1800-P
20TH STREET - PLAN AND PROFILE		SHEET
STA. 10+00.00 TO STA. 17+00.00		2 OF 7
FOR:	SAN ANTONIO WATER COMPANY	W.O.F.B. FILE NO.

X:\2018\20181015\00-Campus Ave\Pipeline-SAWCO\DWG\Sheets Water Pipeline

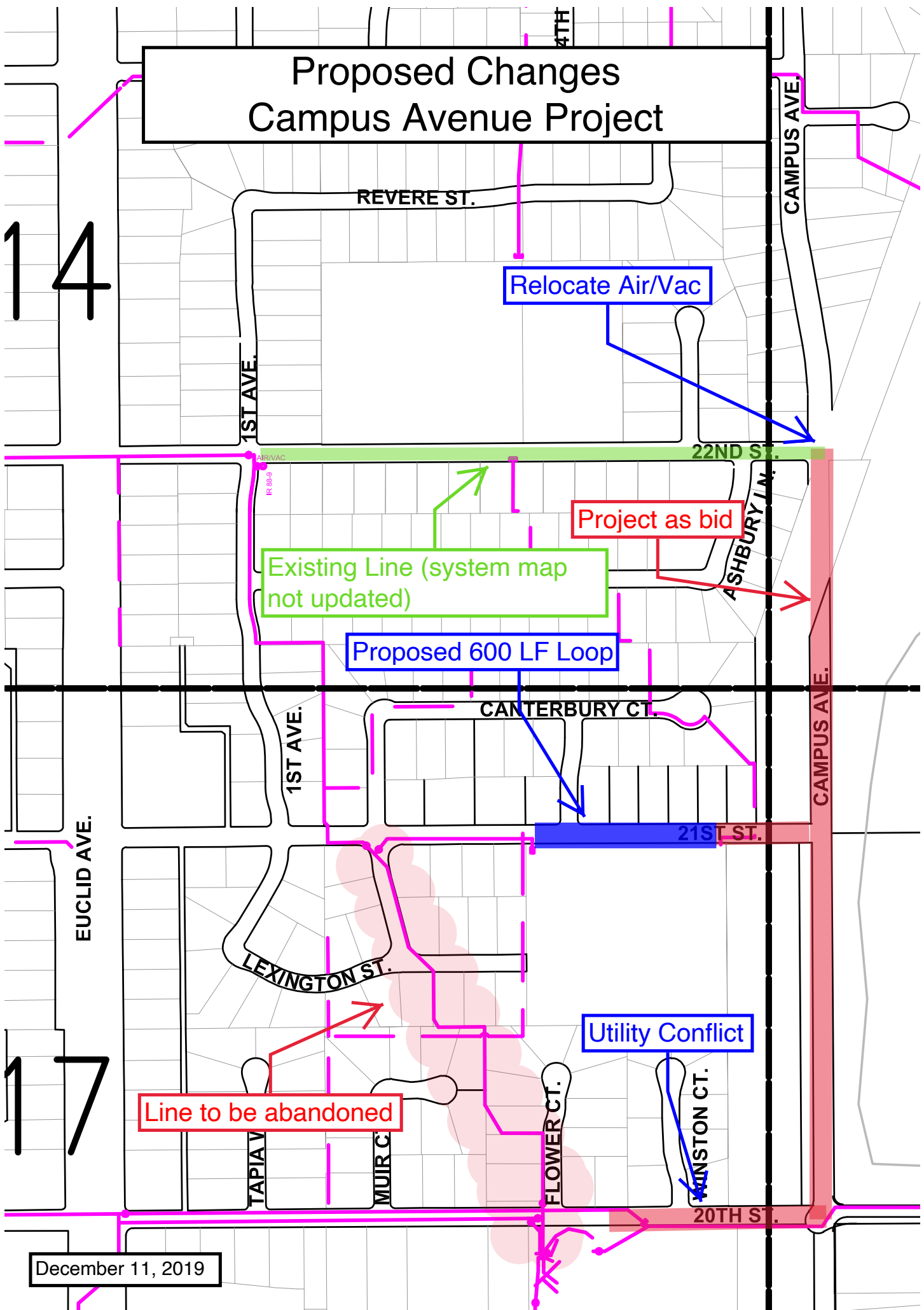


PROJECT No. NI

Proposed Changes Campus Avenue Project

14

17



December 11, 2019