



SAN ANTONIO WATER COMPANY

BOARD OF DIRECTORS

MEETING

Tuesday, November 16, 2021

5:00 p.m.

In the Upland City Hall Council Chambers
460 N. Euclid Avenue, Upland, CA 91786

The San Antonio Water Company encourages public participation during our Board Meetings. Attendance at meetings is preferred. Recognizing that an adjustment period is appropriate for recently lifted pandemic restrictions and ongoing individual concerns, emails or phoned-in comments are also acceptable.

If you wish to provide comments by phone, please email blee@sawaterco.com at least two hours in advance of the meeting with your phone number and item you wish to comment on. Company staff will call you when the item comes up for discussion and you will be placed on speaker to address the Board.

Public comments regarding upcoming agenda items can be emailed to the Company at blee@sawaterco.com. Comments received by email at least two hours prior to the start of the meeting will be read at the appropriate time during the meeting.

- 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 October 19, 2021.
- B. Planning, Resources, and Operations Committee (PROC) Meeting Minutes
No meeting to report.
- C. Administration and Finance Committee (AFC) Meeting Minutes
No meeting to report.
- D. Financial Statement
Income Statement and Balance Sheet for September 30, 2021
- E. Investment Activity Report
Monthly Report of Investments Activity.
- F. Water Production and Consumption
Monthly water production and consumption figures.
- G. Prominent Issues Update
Status summaries on certain on-going active issues.

H. **Projects and Operations Update**

Status summaries on projects and operations matters.

I. **Groundwater Level Patterns [Quarterly in January, April, July, and October]**

Tracking patterns of groundwater elevations relative to ground surface.

J. **Conservation Program Update [Quarterly in January, April, July, and October]**

Update on SAWCo's existing water conservation programs

K. **Correspondence of Interest**

5. **Board Committee – Delegate Report:**

A. **PVPA Representative Report**

Verbal report by representative.

B. **Six Basins Representative Report**

Verbal report by representative.

C. **Chino Basin Representative Report**

Verbal report by representative.

D. **Cucamonga Basin Representative Report**

Verbal update by representative.

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

No meeting to report.

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

No meeting to report.

G. **Office Feasibility Study Ad Hoc Committee**

No meeting to report.

6. **General Manager's Report on Activities**

A. **Presentation by Mr. Mark Norton, Santa Ana Watershed Project Authority**

Verbal report regarding SAWPA Cloud Seeding feasibility study.

B. **Discussion and Possible Action Regarding Vacation Buy-Back Policy**

Staff request for clarification regarding Administrative Leave and Floating Holiday Leave

C. **COVID Response**

Verbal update

7. **Closed Session:**

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

Adjournment:

The next regular Board Meeting will be held on Tuesday, December 21, 2021 at 5:00 p.m.

NOTE: All agenda report items and back-up materials are available for review and/or acquisition by calling the Company Office (909) 982-4107 (139 N. 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] and on the company's website www.sawaterco.com. The agenda is also available for review and copying at the Upland Public Library located at 450 N. Euclid Avenue.

POSTING STATEMENT: On November 11, 2021 a true and correct copy of this agenda was posted at the entry of the Company's Office (139 N. Euclid Avenue), on the public bulletin boards at 450 No. Euclid Avenue (Upland Public Library) and 460 N. Euclid Avenue (Upland City Hall), and on the Company's website.

SAN ANTONIO WATER COMPANY
MINUTES OF THE SAN ANTONIO WATER COMPANY
Tuesday, October 19, 2021

An open meeting of the Board of Directors of the San Antonio Water Company (SAWCo) was called to order at 5:02 p.m. on the above date at the Upland City Hall Council Chambers, 460 North Euclid Avenue, Upland, California. Directors present were Tom Thomas, Will Elliott, Martha Goss, Rudy Zuniga, Bob Cable, Bill Velto, and Kati Parker. Also in attendance were Inland Empire Utilities Agency (IEUA) General Manager Shivaji Deshmukh, SAWCo's General Manager Brian Lee, Assistant General Manager Teri Layton, and Senior Administrative Specialist Kelly Mitchell. Director Thomas presided.

Director Cable led all in attendance in the flag salute.

1. Recognitions and Presentations: None.
2. Additions-Deletions to the Agenda: Mr. Lee requested the addition of the Pomona Valley Protective Agency (PVPA) Proxy Vote as Agenda Item 6H.

Director Goss moved and Director Cable seconded adding the PVPA Proxy Vote as Agenda Item 6H. Motion carried unanimously by voice vote.

3. Shareholder-Public Testimony: None.
4. Consent Calendar Items:
 - A. Approval of Board Meeting Minutes
Regular Meeting Minutes of September 21, 2021
 - B. Planning, Resources and Operations Committee (PROC) Meeting Minutes
No meeting minutes to report. Meeting minutes of June 22, 2021
 - C. Administration and Finance committee (AFC) Meeting Minutes
Meeting minutes of July 27, 2021.
 - D. Financial Statement
Income Statement and Balance Sheet for August 31, 2021.
 - E. Investment Activity Report
Monthly Report of Investments Activity.
 - F. Water Production and Consumption
Monthly water production and consumption figures.
 - G. Prominent Issues Update
Status summaries on certain on-going active issues.
 - H. Projects and Operations Update
Status summaries on projects and operations matters.
 - I. Groundwater Level patterns [Quarterly in January, April, July, and October]
Tracking patterns of groundwater elevations relative to ground surface.
 - J. Conservation Program Update [Quarterly in January, April, July, and October]
Update on SAWCo's existing water conservation programs
 - K. Correspondence of Interest

Director Elliott moved and Director Goss seconded to approve the Consent Calendar as presented. Motion carried unanimously.

5. Board Committee – Delegate Report:
 - A. **Pomona Valley Protective Association (PVPA) Representative's Report** – Director Thomas reported on the PVPA meeting held on October 13th.

The National Recreation Area bill that includes privately owned PVPA land was discussed. There are other private land holders in Utah that are also opposed to this bill. The bill is currently at a standstill.

A weed abatement notice from the Los Angeles County Fire for PVPA land located in an area of habitat is being disputed. The Fish and Wildlife are currently working on a Programmatical Environmental Impact Report that involves this property and does not want it abated. PVPA will not act until the issue is resolved.

PVPA also adopted a balanced budget that includes a surplus.

- B. Six Basins Representative Report** – Director Thomas reported on the Six Basins meeting held on September 22nd. The Strategic Planning Workshop provided an update on the Programmatical Environmental Impact Report.
- C. Chino Basin Representative Report** – Mr. Lee reported the court hearing for the Appropriative Pool (AP) contest of paying the Agricultural Pool (Ag) legal fees was pushed to November.
- D. Cucamonga Basin Representative Report** – Mr. Lee stated the Terms of Reference document has been signed. It is a staff-level commitment to work together. The working group intends to put the document into a more formal, board approved document.

Three proposals have been received for the hydro geotechnical work. The proposals are being reviewed and recommendation is expected shortly.

- E. Administration and Finance Committee (AFC) Chairman’s Report** – Director Goss reported the Committee discussed and approved presenting to the Board the tracking code changes and the Board gift.
- F. Planning, Resources, and Operations Committee (PROC) Chairman’s Report** – No meeting to report.
- G. Office Feasibility Study Ad Hoc Committee** – No meeting to report.

6. General Manager’s Report on Activities:

- A. Conversation with Shivaji Deshmukh** – Mr. Lee reintroduced the Board to Shivaji Deshmukh, General Manager of IEUA. Mr. Deshmukh spoke at a SAWCo Board meeting roughly a year ago when all meetings were being held virtually. This is the first time he and the Board have met in person.

Mr. Deshmukh provided a PowerPoint presentation to the Board and staff with a water supply condition update. He stated there is anticipation of an announcement from the governor’s office declaring a drought emergency.

Mr. Deshmukh also gave a brief history of IEUA’s formation as well as its current offerings and projects. A brief history of California water was provided as well as specifics about local regional water and water conservation.

IEUA’s new meter equivalent unit (MEU) rate was explained. The rate is relatively new, established in 2016, and provides funds for regional supply programs, coordination with Chino Basin Watermaster programs, and conservation programs. Currently, SAWCo staff has declined passing this roughly \$1.00 per meter, per month fee on to its shareholders or pay the fees themselves. Mr. Deshmukh is working with Mr. Lee on resolving this matter.

- B. Water Shortage Contingency Plan Adoption** – Mr. Lee explained the water Shortage Contingency is part of the Urban Water Management Plan the Board adopted at the September Board meeting. Staff was unaware at that time that the Water Shortage Contingency Plan needed separate

adoption. Mr. Lee then recommended the Board adopt Resolution No. 2021-10-01, the 2020 Water Shortage Contingency Plan.

Director Parker moved and Director Goss seconded to adopt Resolution No. 2021-10-01 for the 2020 Water Shortage Contingency Plan. Motion carried unanimously.

- C. Adoption of the General Manager's Review** – Mr. Lee advised that at the September meeting, the Board considered this year's review of the General Manager's performance. The performance review has been finalized and signed by both the Board President and General Manager; however, the Brown Act requires a vote of the Board during open session in order to adopt the General Manager's Review

Mr. Lee recommended the Board adopt the General Manager's review as previously accepted by the Board.

Director Velto moved and Director Zuniga seconded to adopt the General Manager's review as previously accepted by the Board. Motion carried unanimously.

- D. Activities Calendar for 2022** – Mr. Lee presented the activities calendar for 2022 and inquired if the Board perceived any conflicts or would like to recommend any changes.

Director Goss moved and Director Zuniga seconded to approve the 2022 Major Activities Calendar as presented. Motion carried unanimously.

- E. Tracking Code Changes to Chart of Accounts** – Mr. Lee informed the Board this item went before the AFC who then recommended it to the Board for approval. Staff would like to update and simplify current tracking codes for SAWCo's Chart of Accounts (COA). The last change was done in the 1990s when a previous general manager wanted tracking by facility, materials, contract services and labor. This created an extensive chart of accounts. Since this change, staff has never had the need to breakdown this level of detail for management. The current set up requires an extensive COA. An example of the current set up and proposed set up was provided.

Director Cable moved and Director Goss seconded to approve the changes and updates to the tracking codes for SAWCo's Chart of Accounts. Motion carried unanimously.

- F. Board Gift** – Mr. Lee reminded the Board that in past years it had presented a monetary gift to employees at the end of the year celebratory luncheon. The gift is considered a "thank you" for service to SAWCo and is not based on merit. From 2007 to 2019 a \$1,250 Board gift was given to all SAWCo employees; prorated for part-time and employees with less than 1 year of employment. In 2020 the Board increased the gift to \$1,500.

In the past, it has been the pleasure of the Board to hand out the gifts to its employees at the end of the year luncheon. This year, COVID allowing, the luncheon will be held on Thursday, December 2, 2021.

Director Goss moved and Director Cable seconded to approve providing a \$1,500 Board Gift to full time SAWCo employees; prorated for part-time employees and employees with less than one year of employment. Motion carried unanimously.

- G. COVID Response** – Mr. Lee advised there is no new news regarding the response to COVID-19. Staff keeps abreast of any changes taking place with San Bernardino County operations as well as the City of Upland.

- H. Pomona Valley Protective Agency Annual Meeting Proxy** – Mr. Lee stated in November of each year the PVPA holds their annual shareholder meeting to elect their board of directors for the

upcoming year and to conduct other annual business. To participate, SAWCo must authorize a person to carry its proxy and vote at the annual meeting. Mr. Lee recommended the Board appoint Director Thomas as the proxy to vote all shares at the PVPA annual shareholder's meeting on November 10, 2021.

Director Velto moved and Director Goss seconded to approve Director Thomas as proxy to vote all SAWCo shares at the PVPA annual shareholder's meeting on November 10, 2021. Motion carried unanimously.

7. Closed Session: None.

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

The next Board meeting is scheduled for Tuesday, November 16, 2021 at 5 p.m.

Adjournment:

With no further business to discuss the meeting was adjourned at 5:58 p.m.

Assistant Secretary
Brian Lee



San Antonio Water Company, CA

Income Statement

Group Summary

For Fiscal: 2021 Period Ending: 09/30/2021

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)	301,000.00	301,000.00	103.84	181,103.11	119,896.89
1215 - Domestic Water Income (Supplemental)	148,000.00	148,000.00	-41.42	165,864.93	-17,864.93
1220 - Domestic Water Income (Tier 3)	104,000.00	104,000.00	0.00	226,841.76	-122,841.76
1230 - Domestic Water Income (Readi/Chrg)	200,000.00	200,000.00	76.39	134,264.12	65,735.88
1235 - Domestic Water Availability Charge (WAC)	60,000.00	60,000.00	18.42	40,714.42	19,285.58
1245 - Municipal Water Income (Base)	3,100,000.00	3,100,000.00	204,723.89	2,076,290.87	1,023,709.13
1268 - Municipal Water Income (Readi/Chrg)	80,000.00	80,000.00	6,400.00	58,100.00	21,900.00
1274 - Misc Water Income (Base)	220,000.00	220,000.00	22,880.11	164,792.97	55,207.03
1275 - Misc Water Income (Supplemental)	126,000.00	126,000.00	506.22	4,965.32	121,034.68
1276 - Munnicipal Water Availability Charge (WAC)	477,000.00	477,000.00	39,756.00	357,700.00	119,300.00
1280 - Misc Water Income (Tier 3)	15,000.00	15,000.00	0.00	47.85	14,952.15
1288 - Misc Water Income (Readi/Chrg)	23,000.00	23,000.00	2,050.00	17,710.00	5,290.00
1290 - Misc Water Availability Charge (WAC)	24,000.00	24,000.00	1,922.00	17,298.00	6,702.00
1295 - Dormant Water Availability Charge (WAC)	54,000.00	54,000.00	0.00	34,852.93	19,147.07
1300 - Sale of Water/From Storage	0.00	0.00	0.00	180,000.00	-180,000.00
1400 - Stock Transfer	5,000.00	5,000.00	180.00	3,870.00	1,130.00
1410 - Late/Re-establishment Fee	4,000.00	4,000.00	190.00	740.00	3,260.00
1420 - Return Check Fee	0.00	0.00	0.00	25.00	-25.00
1430 - Stock Certificate Storage and Handling Fee	0.00	0.00	0.00	160.00	-160.00
SubCategory: 40 - Shareholder Revenue Total:	4,941,000.00	4,941,000.00	278,765.45	3,665,341.28	1,275,658.72
SubCategory: 42 - Non-Shareholder Revenue					
1725 - Misc. Income	2,000.00	2,000.00	2,621.26	8,900.56	-6,900.56
1750 - Service/Litigation Agreements	0.00	0.00	112.82	654.26	-654.26
1753 - Ground Lease Income	54,000.00	54,000.00	5,907.84	51,178.56	2,821.44
1755 - Interest Earned	90,000.00	90,000.00	8.49	13,463.93	76,536.07
1785 - Gain on Sale of Asset	344,000.00	344,000.00	0.00	0.00	344,000.00
SubCategory: 42 - Non-Shareholder Revenue Total:	490,000.00	490,000.00	8,650.41	74,197.31	415,802.69
Category: 4 - Income Total:	5,431,000.00	5,431,000.00	287,415.86	3,739,538.59	1,691,461.41
Category: 5 - O & M Expense					
SubCategory: 50 - Operating Facilities					
2175 - Facility Related Field Labor	225,000.00	225,000.00	32,139.64	175,613.37	49,386.63
2235 - Repairs to Facilities and Equipment	300,000.00	300,000.00	31,402.04	256,469.05	43,530.95
2265 - Power-Gas & Electric (utilities)	600,000.00	600,000.00	111,200.47	582,864.46	17,135.54
SubCategory: 50 - Operating Facilities Total:	1,125,000.00	1,125,000.00	174,742.15	1,014,946.88	110,053.12
SubCategory: 51 - Operating Activities					
2475 - Customer Service	85,000.00	85,000.00	7,890.92	66,202.26	18,797.74
2498 - Conservation	20,000.00	20,000.00	285.00	9,440.00	10,560.00
SubCategory: 51 - Operating Activities Total:	105,000.00	105,000.00	8,175.92	75,642.26	29,357.74
SubCategory: 52 - Other Operating Expense					
2205 - Non-Facility Related Labor	75,000.00	75,000.00	7,558.35	45,772.76	29,227.24
2210 - O & M - All Other	3,800.00	3,800.00	558.87	5,788.50	-1,988.50
2295 - Supplies (Inventory & Tools Expense)	10,000.00	10,000.00	3,775.73	10,075.94	-75.94
2565 - Depreciation/Amortization	903,000.00	903,000.00	79,020.19	703,225.70	199,774.30
2715 - Property Taxes	220,000.00	220,000.00	0.00	103,791.47	116,208.53
2805 - Water Resource Mgmt.	200,000.00	200,000.00	2,055.14	53,450.31	146,549.69
SubCategory: 52 - Other Operating Expense Total:	1,411,800.00	1,411,800.00	92,968.28	922,104.68	489,695.32
Category: 5 - O & M Expense Total:	2,641,800.00	2,641,800.00	275,886.35	2,012,693.82	629,106.18

Income Statement

For Fiscal: 2021 Period Ending: 09/30/2021

IncomeStatement	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
Category: 6 - G & A Expense					
SubCategory: 60 - Personnel					
2115 - Administrative Services	290,000.00	290,000.00	34,356.75	221,092.57	68,907.43
2130 - Development/Water Svc. App.	1,000.00	1,000.00	0.00	0.00	1,000.00
2325 - Payroll Taxes	80,000.00	80,000.00	7,467.62	59,276.87	20,723.13
2355 - Worker's Compensation Insurance	15,000.00	15,000.00	1,633.00	11,252.00	3,748.00
2385 - Benefit Pay (Vac., sick, etc.)	185,000.00	185,000.00	17,600.61	125,570.41	59,429.59
2415 - Benefit Insurance (Pension,Life,Medical,Vision etc	250,000.00	250,000.00	21,791.58	184,985.56	65,014.44
2430 - Benefit Administrative Services	3,000.00	3,000.00	0.00	1,000.00	2,000.00
SubCategory: 60 - Personnel Total:	824,000.00	824,000.00	82,849.56	603,177.41	220,822.59
SubCategory: 61 - Other					
2445 - Office/IT Support	63,000.00	63,000.00	3,240.51	46,038.93	16,961.07
2505 - Directors Fees & Expense	34,000.00	34,000.00	4,269.69	26,098.91	7,901.09
2535 - Liability Insurance	30,000.00	30,000.00	0.00	35,510.00	-5,510.00
2595 - Communication	40,000.00	40,000.00	4,218.54	34,138.45	5,861.55
2625 - Dues & Publications	3,000.00	3,000.00	0.00	2,652.95	347.05
2655 - Outside Services	30,000.00	30,000.00	230.32	11,296.25	18,703.75
2745 - Income Tax Expense	14,000.00	14,000.00	0.00	11,856.00	2,144.00
2775 - Accounting	70,000.00	70,000.00	4,615.94	58,347.79	11,652.21
2776 - Legal	250,000.00	250,000.00	16,517.50	153,653.59	96,346.41
2790 - Human Resources Expense	45,000.00	45,000.00	21,693.10	60,708.37	-15,708.37
2865 - All other	35,000.00	35,000.00	3,889.35	11,332.14	23,667.86
SubCategory: 61 - Other Total:	614,000.00	614,000.00	58,674.95	451,633.38	162,366.62
Category: 6 - G & A Expense Total:	1,438,000.00	1,438,000.00	141,524.51	1,054,810.79	383,189.21
Total Surplus (Deficit):	1,351,200.00	1,351,200.00	-129,995.00	672,033.98	

Fund Summary

Fund	Original Total Budget	Current Total Budget	MTD Activity	YTD Activity	Budget Remaining
10 - 10	1,351,200.00	1,351,200.00	-129,995.00	672,033.98	679,166.02
Total Surplus (Deficit):	1,351,200.00	1,351,200.00	-129,995.00	672,033.98	



Account	Name	Balance
Fund: 10 - 10		
Assets		
BalSubCategory: 10 - Cash		
10-00-00-10100-00000	Petty Cash	250.00
10-00-00-10201-00000	Checking Account-8431	2,418,793.97
10-00-00-10400-00000	Savings-CD Accounts	20,000.00
10-00-00-10415-00000	D&O Checking Account	423,823.99
10-00-00-10438-00000	Depre/Obsolescene Res (LAIF)	3,406,732.26
	Total BalSubCategory 10 - Cash:	6,269,600.22
BalSubCategory: 11 - Accounts Receivable		
10-00-00-11100-00000	Accounts Receivable-Domestic	38,243.57
10-00-00-11200-00000	Accounts Receivable-Municipal	250,879.89
10-00-00-11250-00000	Accounts Receivable-Misc.	27,442.64
10-00-00-11260-00000	Accounts Receivable - Dormant	2,168.93
10-00-00-11275-00000	Contra Accounts Receivable - Unapplied Cre	-18,888.34
10-00-00-11300-00000	Accounts Receivable-Other	216,451.20
10-00-00-11301-00000	Note Receivable	1,032,000.00
	Total BalSubCategory 11 - Accounts Receivable:	1,548,297.89
BalSubCategory: 12 - Inventory		
10-00-00-12100-00000	Inventories-Materials & Supply	94,043.45
	Total BalSubCategory 12 - Inventory:	94,043.45
BalSubCategory: 13 - Prepaid		
10-00-00-13100-00000	Prepaid Insurance	8,868.75
10-00-00-13105-00000	PREPAID POSTAGE	369.00
10-00-00-13200-00000	Prepaid State Franchise Tax	144.00
	Total BalSubCategory 13 - Prepaid:	9,381.75
BalSubCategory: 14 - Investments		
10-00-00-14150-00000	P.V.P.A. Investment	1.00
10-00-00-14151-00000	457B Plan Investment	44,192.48
	Total BalSubCategory 14 - Investments:	44,193.48
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"	72,466.00
10-00-00-15110-1602U	Work in Progress	1,150,782.00
10-00-00-15110-1901	Work In Progress	807,390.59
10-00-00-15110-2001	Work In Progress	1,153,767.94
10-00-00-15110-2002	Work In Progress	129,428.57
10-00-00-15110-2003	Work In Progress	640,526.88
10-00-00-15110-2004	Work In Progress	51,828.34
10-00-00-15110-2101	Work In Progress	54.21
10-00-00-15110-2103	Work In Progress	107,713.19
10-00-00-15110-2104	Work In Progress	9,520.00
10-00-00-15110-2108	Work In Progress	80,000.00
10-00-00-15110-2109	Work In Progress	11,232.00
10-00-00-15110-2110	Work In Progress	1,765.00
10-00-00-15150-00000	Buildings & Site Improvements	1,746,624.52
10-00-00-15200-00000	Wells-Shafts, Bldgs, & Equip	4,887,026.90
10-00-00-15250-00000	Boosters-Bldgs & Equip	2,448,690.30
10-00-00-15300-00000	Reservoirs	3,081,787.33
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	16,441,208.14

Balance Sheet

As Of 09/30/2021

Account	Name	Balance
10-00-00-15500-00000	Autos & Equipment	513,205.56
10-00-00-15550-00000	Tools	110,134.46
10-00-00-15600-00000	Telemetry System	600,886.90
10-00-00-15650-00000	Office Equipment	523,769.10
10-00-00-15990-00000	Accumulated Depreciation	-14,137,327.49
Total BalSubCategory 15 - Property, Plant, & Equipment:		23,044,847.60
BalSubCategory: 16 - Other Assets		
10-00-00-16100-00000	Documents & Studies	907,379.38
10-00-00-16100-1905	WIP- Master Plan and Asset Management Prc	134,401.64
10-00-00-16100-2105	WIP-2020 URBAN WATER MANAGEMENT PI	31,667.78
10-00-00-16100-2106	WIP- WATER INFRASTRUCTURE ACT AND RE	30,185.16
10-00-00-16100-2111	WIP-2021 Amer's Water INFRA Act Emerg R	285.51
10-00-00-16990-00000	Accumulated Amortization	-714,349.98
Total BalSubCategory 16 - Other Assets:		389,569.49
Total Assets:		31,399,933.88
		<u>31,399,933.88</u>
Liability		
BalSubCategory: 13 - Prepaid		
10-00-00-20650-00000	Deferred Revenue Deposit	17,616.00
Total BalSubCategory 13 - Prepaid:		17,616.00
BalSubCategory: 20 - Short-term less than 1 year		
10-00-00-20100-00000	Trade Accounts Payable	167,686.46
10-00-00-20115-00000	D&O Trade Accounts Payable	20,649.83
10-00-00-20262-00000	Section 125 - Vision	0.02
10-00-00-20600-00000	Water Hydrant Meter Deposit	2,550.00
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:		236,109.48
BalSubCategory: 21 - Long-term more than 1 year		
10-00-00-20152-00000	457B Deferred Comp Liability	44,009.70
10-00-00-21500-00000	Unclaimed Credits	614,939.12
10-00-00-22100-00000	Deferred Gain	1,029,178.33
Total BalSubCategory 21 - Long-term more than 1 year:		1,688,127.15
Total Liability:		1,941,852.63
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	2,432,256.77
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	5,436,069.53
10-00-00-30410-00000	Retained Earnings-Unrestricted	19,831,562.95
Total BalSubCategory 30 - Stockholder equity:		28,786,047.27
Total Beginning Equity:		28,786,047.27
Total Revenue		3,739,538.59
Total Expense		3,067,504.61
Revenues Over/Under Expenses		672,033.98
Total Equity and Current Surplus (Deficit):		29,458,081.25
Total Liabilities, Equity and Current Surplus (Deficit):		<u>31,399,933.88</u>

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

Institution	Type of Investment	Date of Maturity	Rate of Interest	Account Balance as of 9/30/2021	Reserves		
					Operating	Depreciation & Obsolescence	Modernization
Citizens Business Bank (CBB)	*Checking	N/A	No Interest	2,418,793.97	2,418,793.97		
Citizens Business Bank (CBB)	*D&O Checking	N/A	No Interest	423,823.99		\$ 423,823.99	
Local Agency Investment Fund	LAIF	N/A	0.206%	3,406,732.26	\$ -	\$ 2,694,373.26	\$ 712,359.00
Golden State Business Bank	12 Month C.D.	October 15, 2021	0.50%	20,000.00	\$ 20,000.00		
TOTAL:				\$ 6,269,350.22	\$ 2,438,793.97	\$ 3,118,197.25	\$ 712,359.00

2021 Production

CHINO BASIN	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Yearly Production Rights = 1232	48.22%	48.22%	48.22%	48.27%	48.27%	54.91%	10.19%	20.12%	29.34%	30.50%	38.95%	45.22%	-
Well #12 - inactive	-	-	-	-	-	-	-	-	-	-	-	-	-
Well #15 - Domestic	0.26	-	-	0.21	-	-	0.21	-	-	0.21	-	-	0.89
Well #16 - Domestic	0.38	-	-	0.35	-	81.84	125.31	122.38	113.62	13.97	-	-	457.85
Well#18 - inactive	-	-	-	-	-	-	-	-	-	-	-	-	-
Subtotal	0.63	-	-	0.57	-	81.84	125.53	122.38	113.62	14.17	-	-	458.74
CUCAMONGA BASIN	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Yearly Production Rights = 5938 (1438 10-yr Average Spread)	6.36%	10.93%	16.24%	26.51%	39.28%	52.24%	65.43%	78.74%	88.52%	95.09%	102.01%	111.96%	-
Well #2	116.28	106.84	119.05	110.77	111.87	107.97	110.79	110.97	104.07	93.18	-	-	1,091.80
Well #3	0.36	-	-	0.30	-	-	0.35	10.49	66.17	12.51	-	-	90.17
Well#19 - inactive	-	-	-	-	-	-	-	-	-	-	-	-	-
Well #22	9.59	12.37	14.41	33.01	44.77	58.63	58.30	56.08	45.57	31.15	-	-	363.89
Well #24	82.97	-	-	291.70	362.60	350.43	357.71	356.49	333.21	237.19	-	-	2,372.30
Well #31	1.60	-	-	0.44	6.56	15.09	23.63	5.57	13.38	8.94	-	-	75.21
Well #32 - Domestic	-	-	-	-	-	11.49	10.28	23.37	18.58	6.76	-	-	70.49
Upl. # 15 (SAWCo's Rts)	166.97	152.06	181.80	173.52	232.59	225.78	222.33	227.46	-	-	-	-	1,582.51
Subtotal	377.76	271.27	315.27	609.74	758.39	769.40	783.39	790.43	580.99	389.74	-	-	5,646.38
Upl. # 15 (WECWCo's Rts) Memo Only	-	-	-	-	-	-	-	-	-	227.30	-	-	227.30
SIX BASINS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Yearly Production Rights = 932	9.99%	19.26%	29.56%	39.46%	49.43%	58.54%	67.45%	76.33%	84.78%	93.45%	102.06%	110.68%	-
Well #25-A	-	-	-	-	-	-	-	-	0.01	34.52	-	-	34.53
Well #26	43.34	39.01	42.64	39.52	41.51	39.11	39.47	37.47	35.10	0.87	-	-	358.04
Well 27-A	49.74	47.43	53.37	52.72	51.47	45.80	43.56	45.34	43.59	45.48	-	-	478.50
Subtotal	93.09	86.44	96.01	92.24	92.98	84.91	83.03	82.82	78.71	80.87	-	-	871.07
TOTAL PUMPED	471.48	357.71	411.27	702.54	851.37	936.15	991.94	995.63	773.32	484.78	-	-	6,976.18
GRAVITY FLOW	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
V screen	185.92	206.08	236.83	190.51	158.15	110.86	99.15	68.27	51.23	47.59	-	-	1,354.61
backwash from city treatment plant	0.47	0.44	0.57	0.49	0.47	0.70	0.37	-	-	-	-	-	3.50
San Antonio Tunnel (forebay)	217.65	172.74	169.73	169.47	181.36	166.10	176.04	137.57	145.74	153.73	-	-	1,690.12
Frankish & Stamm Tunnel 8"	-	-	-	0.01	-	-	0.80	-	-	0.02	-	-	0.83
San Ant. Tunnel Connect to City	-	-	-	-	-	-	-	-	-	-	-	-	-
Discharge to waste	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL GRAVITY	404.04	379.26	407.13	360.48	339.99	277.66	276.36	205.84	196.96	201.34	-	-	3,049.06
Monthly													
San Antonio Tunnel	217.65	172.74	169.73	169.47	181.36	166.10	176.04	137.57	145.74	153.73	-	-	1,690.12
V Screen, Frankish & Stamm Tunnel and TP Backwash	186.39	206.51	237.40	191.01	158.63	111.56	100.33	68.27	51.23	47.61	-	-	1,358.94
Gravity Production	404.04	379.26	407.13	360.48	339.99	277.66	276.36	205.84	196.96	201.34	-	-	3,049.06
Cumulative													
San Antonio Tunnel	217.65	390.39	560.12	729.59	910.95	1,077.04	1,253.08	1,390.65	1,536.39	1,690.12	-	-	1,690.12
V Screen, Frankish & Stamm Tunnel and TP Backwash	186.39	392.91	630.31	821.31	979.94	1,091.50	1,191.82	1,260.10	1,311.33	1,358.94	-	-	1,358.94
Gravity Production	404.04	783.30	1,190.43	1,550.90	1,890.89	2,168.54	2,444.91	2,650.75	2,847.71	3,049.06	-	-	-
Purchased Water - Upl. City to Dom. Sys.	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Production	875.52	736.96	818.40	1,063.02	1,191.35	1,213.81	1,268.31	1,201.47	970.28	686.12	-	-	10,025.24
Total Cumulative Production	875.52	1,612.49	2,430.89	3,493.91	4,685.26	5,899.06	7,167.37	8,368.84	9,339.12	10,025.24	-	-	-
Domestic Production	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Domestic Production	218.28	172.74	169.73	170.03	181.36	259.43	311.85	283.31	277.94	174.67	-	-	2,219.35
Irrigation Production	657.24	564.22	648.67	892.99	1,009.99	954.38	956.46	918.16	692.33	476.93	-	-	7,771.37
RainFall (Inches)	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
RainFall (Inches)	3.31	0.03	1.52	0.88	0.45	0.01	0.19	-	-	-	-	-	-
Cumulative (Inches)	3.31	3.34	4.86	5.74	6.19	6.20	6.39	6.39	6.39	7.60	-	-	-

2021 Consumption

DOMESTIC	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Dom. Sys. - Base	61.06	32.19	65.32	53.12	142.97	35.73	139.41	81.22	121.25	64.61	-	-	796.88
Dom. Sys. - Supplemental	10.29	23.50	9.82	32.58	12.78	51.12	17.29	56.89	14.36	41.04	-	-	269.67
Dom Sys - Tier 3	4.81	20.39	4.48	29.01	8.13	32.52	3.20	40.95	4.93	28.96	-	-	177.38
Dom. Sys. - Del. to Upland(24th/Campus)	33.91	28.44	31.25	35.94	22.70	6.20	-	-	-	-	-	-	158.45
Dom. Sys. -Del. To Upland (Well 16/15)	-	-	-	0.35	-	81.84	125.31	122.38	113.62	13.97	-	-	457.47
Dom. Sys. - Del. to Upland(24th/Mtn)-installed 4/2/19	-	-	-	-	-	-	-	0.03	-	-	-	-	0.03
Tunnel meter to the Upland	-	-	-	-	-	-	-	-	-	-	-	-	-
Discharge to waste	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL	110.07	104.52	110.87	151.00	186.58	207.41	285.21	301.47	254.16	148.58	-	-	1,859.87

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

Irr. Note only Del. to MVWD(wheeled through Upland)	35.64	-	-	-	-	-	-	-	-	-	-	-	35.64
---	-------	---	---	---	---	---	---	---	---	---	---	---	-------

IRRIGATION	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Irrig. Sys.-Upland(Pump & Rec'd) (City W#15)	166.97	152.06	181.80	173.52	232.59	225.78	222.33	227.46	-	-	-	-	1,582.51
Irrig. Sys. - Upl. City - Tier 1	297.99	268.16	296.42	535.74	596.17	529.96	528.92	472.10	498.73	339.19	-	-	4,363.36
Irrig. Sys. - Upl. City - Tier 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Monte Vista - Tier 1	85.54	46.00	49.90	47.40	37.90	45.00	44.30	43.50	41.80	43.10	-	-	484.44
Irrig. Sys. - Monte Vista - Tier 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Ont. City - Tier 1	44.20	40.70	44.30	42.00	33.70	39.90	39.20	38.60	37.00	38.30	-	-	397.90
Irrig. Sys. - Ont. City - Tier 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Cucamonga Valley - Tier 1	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Cucamonga Valley - Tier 2	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Holiday Rock Co - Tier 1	14.52	14.52	14.29	18.22	21.60	21.88	31.06	31.30	24.41	18.09	-	-	209.90
Irrig. Sys. - Holiday Rock Co - Tier 2	0.85	0.43	-	-	-	-	-	-	-	-	-	-	1.28
Irrig. Sys. - Holiday Rock Co - Tier 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Red Hill Golf Course - Tier 1	8.86	11.88	13.85	30.66	37.72	46.37	52.27	52.27	43.75	29.34	-	-	326.97
Irrig. Sys. - Red Hill Golf Course - Tier 2	-	-	-	0.75	5.11	9.82	3.02	1.88	-	-	-	-	20.36
Irrig. Sys. - Red Hill Golf Course - Tier 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Red Hills HOA - Tier 1	0.06	0.05	0.05	1.41	1.37	1.88	2.32	1.83	2.40	0.67	-	-	12.02
Irrig. Sys. - Red Hills HOA - Tier 2	-	-	-	0.11	-	-	-	-	0.21	-	-	-	0.32
Irrig. Sys. - Red Hills HOA - Tier 3	-	-	-	-	-	-	-	-	-	-	-	-	-
Irrig. Sys. - Minor Irrigators - Tier 1	0.49	1.67	0.38	1.30	5.37	5.16	7.08	6.86	6.69	3.83	-	-	38.84
Irrig. Sys. - Minor Irrigators - Tier 2	-	-	-	0.12	1.58	1.57	0.51	0.56	0.43	0.14	-	-	4.90
Irrig. Sys. - Minor irrigators - Tier 3	-	-	-	-	-	0.03	-	-	-	-	-	-	0.03
TOTAL	619.49	535.47	600.98	851.22	973.10	927.35	930.99	876.15	655.41	472.65	-	-	7,442.82

COMPANY TOTALS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
San Antonio Heights	76.16	76.08	79.62	114.71	163.88	119.37	159.90	179.06	140.54	134.61	-	-	1,243.93
City of Upland	498.87	448.65	509.48	745.55	851.46	843.79	876.55	821.96	612.35	353.15	-	-	6,561.81
Monte Vista Water District	85.54	46.00	49.90	47.40	37.90	45.00	44.30	43.50	41.80	43.10	-	-	484.44
City of Ontario	44.20	40.70	44.30	42.00	33.70	39.90	39.20	38.60	37.00	38.30	-	-	397.90
Cucamonga Valley Water District	-	-	-	-	-	-	-	-	-	-	-	-	-
Holiday Rock Company	15.38	14.95	14.29	18.22	21.60	21.88	31.06	31.30	24.41	18.09	-	-	211.18
Red Hills Golf Course	8.86	11.88	13.85	31.41	42.83	56.19	55.28	53.94	43.75	29.34	-	-	347.33
Red Hill HOA	0.06	0.05	0.05	1.51	1.37	1.88	2.32	1.83	2.61	0.67	-	-	12.34
Minor Irrigators	0.49	1.67	0.38	1.42	6.95	6.76	7.59	7.42	7.12	3.97	-	-	43.77
TOTAL	729.57	639.99	711.86	1,002.22	1,159.68	1,134.76	1,216.20	1,177.61	909.57	621.23	-	-	9,302.69

IRRIGATORS	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Irrigator Emberton	0.03	0.05	0.04	0.58	0.47	1.41	0.87	0.93	0.80	0.70	-	-	5.89
Irrigator McMurray	-	-	-	-	-	-	0.60	-	-	-	-	-	0.60
Irrigator Mistretta	-	-	-	-	0.65	0.65	0.49	0.48	0.60	0.60	-	-	3.47
Irrigator Nisbit	-	-	-	-	1.12	-	0.88	1.18	0.90	-	-	-	4.08
Irrigator Scheu	-	0.75	-	-	4.00	4.00	4.01	4.00	4.00	2.00	-	-	22.75
Irrigator Pfister	0.46	0.87	0.34	0.84	0.72	0.70	0.74	0.83	0.81	0.66	-	-	6.97

2021 Spread and Storage

Cucamonga Basin	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
23rd St. (Meter) - Basin 6 - A	50.37	2.54	0.04	0.01	5.78	0.05	0.01	-	-	-	-	-	58.80
15th Street Basin	-	-	-	-	-	0.06	-	-	-	-	-	-	0.06
Basin 3 meter (23rd street Clock)	60.00	69.10	83.48	51.39	41.12	21.70	15.87	32.07	32.16	52.68	-	-	459.56
Frankish & Stamm Tunnel to Basin 3	-	-	-	0.01	-	-	0.80	-	-	0.02	-	-	0.83
Vscreen via Frankish & Stamm Meter to Basin 3	-	-	-	-	-	-	-	-	1.81	-	-	-	1.81
PRV Station (res 1)(basin 6)	0.32	-	-	-	-	-	-	-	-	-	-	-	0.32
Monthly Spread	110.69	71.64	83.53	51.41	46.90	21.80	16.68	32.07	33.97	52.70	-	-	521.38
Cumulative Spread	110.69	182.33	265.86	317.27	364.16	385.96	402.64	434.71	468.68	521.38	-	-	

Six Basins

Note: City of Upland Well Exercising may contribute to spread

Monthly Spread	33.29	17.80	17.24	9.08	10.63	14.00	9.52	1.42	0.15	2.62	-	-	115.74
Cumulative Spread	33.29	51.09	68.33	77.41	88.04	102.04	111.55	112.97	113.12	115.74	-	-	

Note: Maximum end of year storage limit: 2,000 AF

Previous Storage	1,953.00	1,970.87	1,979.90	1,978.80	1,973.31	1,968.62	1,975.38	1,979.53	1,975.81	1,974.91			
Spread	33.29	17.80	17.24	9.08	10.63	14.00	9.52	1.42	0.15	2.62			
Unused Monthly OSY	(15.42)	(8.77)	(18.34)	(14.57)	(15.31)	(7.24)	(5.36)	(5.15)	(1.04)	(3.20)			
Current Storage Estimate	1,971	1,980	1,979	1,973	1,969	1,975	1,980	1,976	1,975	1,974	-	-	

932 yearly OSY = 77.67 monthly OSY

Chino Basin

Monthly Spread	-	-	-	-	-	-	-	-	-	-	-	-	-
Cumulative Spread	-	-	-	-	-	-	-	-	-	-	-	-	-

Local Supplemental Account (Spreading)*	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	3,923.25	-	-
Carry Over Account	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	1,232.00	-	-
Excess Carry Over Account*	1,433.40	1,535.44	1,638.10	1,740.77	1,842.87	1,945.54	1,966.37	1,943.51	1,923.80	1,912.84	-	-	
Preemptive Replenishment Account	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Storage	6,588.65	6,690.69	6,793.35	6,896.02	6,998.12	7,100.79	7,121.62	7,098.76	7,079.05	7,068.09	-	-	
Spread	-	-	-	-	-	-	-	-	-	-	-	-	-
Unused Monthly OSY	102.04	102.67	102.67	102.10	102.67	20.83	(22.86)	(19.71)	(10.96)	88.49	-	-	
Current Storage Estimate*	6,691	6,793	6,896	6,998	7,101	7,122	7,099	7,079	7,068	7,157	-	-	

1,232 yearly OSY = 102.67 monthly OSY

* Does not include yearly storage losses calc of 0.07%

Company Wide

Monthly Spread	143.98	89.44	100.77	60.49	57.52	35.80	26.19	33.49	34.12	55.32	-	-	637.12
Cumulative Spread	143.98	233.42	334.18	394.68	452.20	488.00	514.20	547.68	581.80	-	-	-	
Total Current Storage Estimate	8,662	8,773	8,875	8,971	9,069	9,097	9,078	9,055	9,043				

Meter to spread ponds (NOTE ONLY)	97.77	51.50	-	8,209.55	89.72	92.93	96.30	102.32	94.64	89.67	-	-	8,924.40
-----------------------------------	-------	-------	---	----------	-------	-------	-------	--------	-------	-------	---	---	----------

2021 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%

Cucamonga Basin Production

Yearly Production Rights = 5938 (4,500AF + 1438AF 10-yr Average Spread)

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Production	377.76	271.27	315.27	609.74	758.39	769.40	783.39	790.43	580.99	389.74	-	-	
Cumulative Production	377.76	649.03	964.30	1,574.04	2,332.43	3,101.83	3,885.22	4,675.65	5,256.64	5,646.38	-	-	5,646.38
Cumulative Production Rights	494.85	989.69	1,484.54	1,979.39	2,474.23	2,969.08	3,463.93	3,958.78	4,453.62	4,948.47	-	-	5,938
% of Production Rights*	6.36%	10.93%	16.24%	26.51%	39.28%	52.24%	65.43%	78.74%	88.52%	95.09%	102.01%	111.96%	95.1%

Six Basins Production

Yearly Production Rights = 932AF

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Production	93.09	86.44	96.01	92.24	92.98	84.91	83.03	82.82	78.71	80.87	-	-	
Cumulative Production	93.09	179.53	275.53	367.77	460.75	545.66	628.68	711.50	790.21	871.07	-	-	871.07
Cumulative Production Rights	77.68	155.35	233.03	310.70	388.38	466.05	543.73	621.40	699.08	776.75	-	-	932
% of Production Rights*	9.99%	19.26%	29.56%	39.46%	49.43%	58.54%	67.45%	76.33%	84.78%	93.45%	102.06%	110.68%	93.5%

Chino Basin Production

Note: Chino Basin production rights are calculated from July through June.

Yearly Production Rights = 1232AF

	Dec-19	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR	
Production		0.63	-	-	0.57	-	81.84	125.53	122.38	113.62	14.17	-	-	458.74	
Cumulative Production for 2020		0.63	0.63	0.63	1.20	1.20	83.04	208.56	330.94	444.56	458.74	-	-		
Water Year 20-21															
Cumulative Production	593.50	594.13	594.13	594.13	594.70	594.70	676.54								676.54
Cumulative Rights	616.00	718.67	821.33	924.00	1,026.67	1,129.33	1,232.00								1,232.00
% of Production Rights 19-20*		48.22%	48.22%	48.22%	48.27%	48.27%	54.91%								
Water Year 21-22															
Cumulative Production								125.53	247.90	361.53	375.70	-	-	1,110.65	
Cumulative Rights								102.67	205.33	308.00	410.67	513.33	616.00	1,232.00	
% of Production Rights 20-21*								10.19%	20.12%	29.34%	30.50%	38.95%	45.22%		

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

Chino Basin	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	WY1920
Water Year 19-20													
Cumulative Production	131.34	260.92	384.03	499.44	593.50	593.50	594.13	594.13	594.13	594.69	594.69	676.53	
Cumulative Rights	102.67	205.33	308.00	410.67	513.33	616.00	718.67	821.33	924.00	1,026.67	1,129.33	1,232.00	1,232.00
% of Production Rights 1920	10.66%	21.18%	31.17%	40.54%	48.17%	48.17%	48.22%	48.22%	48.22%	48.27%	48.27%	54.91%	

2021 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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	729.57	639.99	711.86	1,002.22	1,159.68	1,134.76	1,216.20	1,177.61	909.57	621.23	-	-	
Cumulative Consumption	729.57	1,369.55	2,081.41	3,083.63	4,243.31	5,378.07	6,594.28	7,771.89	8,681.46	9,302.69	-	-	9,302.69
<i>Cumulative Entitlement (straight line)</i>	<i>1,047.68</i>	<i>2,095.37</i>	<i>3,143.05</i>	<i>4,190.73</i>	<i>5,238.41</i>	<i>6,286.10</i>	<i>7,333.78</i>	<i>8,381.46</i>	<i>9,429.15</i>	<i>10,476.83</i>	-	-	12,572
% of Entitlement*	5.80%	10.89%	16.56%	24.53%	33.75%	42.78%	52.45%	61.82%	69.05%	73.99%	79.19%	87.40%	74.0%

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

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	729.57	639.99	711.86	1,002.22	1,159.68	1,134.76	1,216.20	1,177.61	909.57	621.23	-	-	
Cumulative Consumption	729.57	1,369.55	2,081.41	3,083.63	4,243.31	5,378.07	6,594.28	7,771.89	8,681.46	9,302.69	-	-	9,302.69
<i>Cumulative Entitlement (straight line)</i>	<i>1,083.33</i>	<i>2,166.67</i>	<i>3,250.00</i>	<i>4,333.33</i>	<i>5,416.67</i>	<i>6,500.00</i>	<i>7,583.33</i>	<i>8,666.67</i>	<i>9,750.00</i>	<i>10,833.33</i>	-	-	13,000
% of Entitlement*	5.61%	10.54%	16.01%	23.72%	32.64%	41.37%	50.73%	59.78%	66.78%	71.56%	76.58%	84.52%	71.6%

Production versus Consumption, Company Wide

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Production	875.52	736.96	818.40	1,063.02	1,191.35	1,213.81	1,268.31	1,201.47	970.28	686.12	-	-	10,025.24
Consumption	729.57	639.99	711.86	1,002.22	1,159.68	1,134.76	1,216.20	1,177.61	909.57	621.23	-	-	9,302.69
Spread	143.98	89.44	100.77	60.49	57.52	35.80	26.19	33.49	34.12	55.32	-	-	637.12
Total Consumption	873.55	729.42	812.62	1,062.71	1,217.20	1,170.57	1,242.40	1,211.10	943.69	676.55	-	-	9,939.81
Difference	1.98	7.54	5.78	0.30	(25.85)	43.24	25.91	(9.63)	26.59	9.58	-	-	85.43
% of Production	0.2%	1.0%	0.7%	0.0%	-2.2%	3.6%	2.04%	-0.8%	2.7%	1.4%	0.0%	0.0%	0.9%

Production versus Consumption, Domestic System

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Production	218.28	172.74	169.73	170.03	181.36	259.43	311.85	283.31	277.94	174.67	-	-	2,219.35
Consumption	110.07	104.52	110.87	151.00	186.58	207.41	285.21	301.47	254.16	148.58	-	-	1,859.87
Monthly Difference	108.21	68.23	58.86	19.03	(5.22)	52.02	26.64	(18.15)	23.78	26.09	-	-	359.48
% difference	98.30%	65.28%	53.08%	12.60%	-2.80%	25.08%	9.34%	-6.02%	9.36%	17.56%	0.00%	0.00%	19.3%

Production versus Consumption, Irrigation System

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Production	657.24	564.22	648.67	892.99	1,009.99	954.38	956.46	918.16	692.33	476.93	-	-	7,771.37
Addition from Domestic	108.21	68.23	58.86	19.03	(5.22)	52.02	26.64	(18.15)	23.78	26.09	-	-	359.48
Total Production	765.45	632.45	707.53	912.02	1,004.77	1,006.40	983.10	900.00	716.11	503.03	-	-	8,130.84
Consumption	763.47	624.91	701.75	911.71	1,030.62	963.15	957.19	909.63	689.53	527.97	-	-	8,079.94
Monthly Difference	1.98	7.54	5.78	0.30	(25.85)	43.24	25.91	(9.63)	26.58	(24.94)	-	-	50.90
% difference	0.26%	1.21%	0.82%	0.03%	-2.51%	4.49%	2.71%	-1.06%	3.85%	-4.72%	0.00%	0.00%	0.6%

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

2021 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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	729.57	639.99	711.86	1,002.22	1,159.68	1,134.76	1,216.20	1,177.61	909.57	621.23	-	-	
Cumulative Consumption	729.57	1,369.55	2,081.41	3,083.63	4,243.31	5,378.07	6,594.28	7,771.89	8,681.46	9,302.69	-	-	9,302.69
Cumulative Entitlement	984.12	1,968.25	2,968.97	3,984.49	5,033.15	6,122.41	7,239.33	8,356.26	9,473.19	10,544.03	-	-	12,572.19
% of Yearly Entitlement*	5.80%	10.89%	16.56%	24.53%	33.75%	42.78%	52.45%	61.82%	69.05%	73.99%	79.19%	87.40%	73.99%

Shares 6,179

COMPANY TOTALS

All Shares

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	729.57	639.99	711.86	1,002.22	1,159.68	1,134.76	1,216.20	1,177.61	909.57	621.23	-	-	
Cumulative Consumption	729.57	1,369.55	2,081.41	3,083.63	4,243.31	5,378.07	6,594.28	7,771.89	8,681.46	9,302.69	-	-	9,302.69
Cumulative Entitlement	1,083.33	2,166.67	3,250.00	4,333.33	5,416.67	6,500.00	7,583.33	8,666.67	9,750.00	10,833.33	-	-	13,000.00
% of Yearly Entitlement*	5.61%	10.54%	16.01%	23.72%	32.64%	41.37%	50.73%	59.78%	66.78%	71.56%	76.58%	84.52%	71.56%

Shares 6,389

San Antonio Heights

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	76.16	76.08	79.62	114.71	163.88	119.37	159.90	179.06	140.54	134.61	-	-	
Cumulative Consumption	76.16	152.24	231.86	346.57	510.45	629.82	789.72	968.78	1,109.32	1,243.93	-	-	1,243.93
Cumulative Entitlement	68.48	136.95	215.53	303.12	410.89	543.36	692.68	842.00	991.32	1,112.58	-	-	1,268.66
% of Yearly Entitlement*	6.00%	12.00%	18.28%	27.32%	40.24%	49.64%	62.25%	76.36%	87.44%	98.05%	108.72%	119.45%	98.05%

Shares 624

City of Upland

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	498.87	448.65	509.48	745.55	851.46	843.79	876.55	821.96	612.35	353.15	-	-	
Cumulative Consumption	498.87	947.52	1,457.00	2,202.55	3,054.01	3,897.79	4,774.34	5,596.31	6,208.66	6,561.81	-	-	6,561.81
Cumulative Entitlement	765.53	1,531.06	2,296.59	3,062.13	3,827.66	4,593.19	5,358.72	6,124.25	6,889.78	7,655.31	-	-	9,186.38
% of Yearly Entitlement*	5.43%	10.31%	15.86%	23.98%	33.24%	42.43%	51.97%	60.92%	67.59%	71.43%	75.58%	85.90%	71.43%

Shares 4,514.75

Monte Vista Water District

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	85.54	46.00	49.90	47.40	37.90	45.00	44.30	43.50	41.80	43.10	-	-	
Cumulative Consumption	85.54	131.54	181.44	228.84	266.74	311.74	356.04	399.54	441.34	484.44	-	-	484.44
Cumulative Entitlement	56.04	112.08	168.12	224.16	280.20	336.24	392.28	448.32	504.36	560.40	-	-	672.48
% of Yearly Entitlement*	12.72%	19.56%	26.98%	34.03%	39.66%	46.36%	52.94%	59.41%	65.63%	72.04%	78.61%	85.15%	72.04%

Shares 331

City of Ontario

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR
Consumption	44.20	40.70	44.30	42.00	33.70	39.90	39.20	38.60	37.00	38.30	-	-	
Cumulative Consumption	44.20	84.90	129.20	171.20	204.90	244.80	284.00	322.60	359.60	397.90	-	-	397.90
Cumulative Entitlement	50.06	100.13	150.19	200.25	250.32	300.38	350.44	400.51	450.57	500.63	-	-	600.76
% of Yearly Entitlement*	7.36%	14.13%	21.51%	28.50%	34.11%	40.75%	47.27%	53.70%	59.86%	66.23%	72.76%	79.25%	66.23%

Shares 295

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

2021 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-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR	Shares	4
Consumption	-	-	-	-	-	-	-	-	-	-	-	-			
Cumulative Consumption	-	-	-	-	-	-	-	-	-	-	-	-	-		
Cumulative Entitlement	-	-	-	-	-	-	-	-	-	-	-	-	8.14		
% of Yearly Entitlement*															

Holiday Rock Company

	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR	Shares	132
Consumption	15.38	14.95	14.29	18.22	21.60	21.88	31.06	31.30	24.41	18.09	-	-			
Cumulative Consumption	15.38	30.33	44.61	62.83	84.43	106.32	137.37	168.67	193.08	211.18	-	-	211.18		
Cumulative Entitlement	14.52	29.05	45.72	64.29	87.15	115.25	146.92	178.60	210.27	235.99	-	-	269.10		
% of Yearly Entitlement*	5.71%	11.27%	16.58%	23.35%	31.38%	39.51%	51.05%	62.68%	71.75%	78.48%	85.46%	93.10%	78.48%		

Red Hills Golf Course

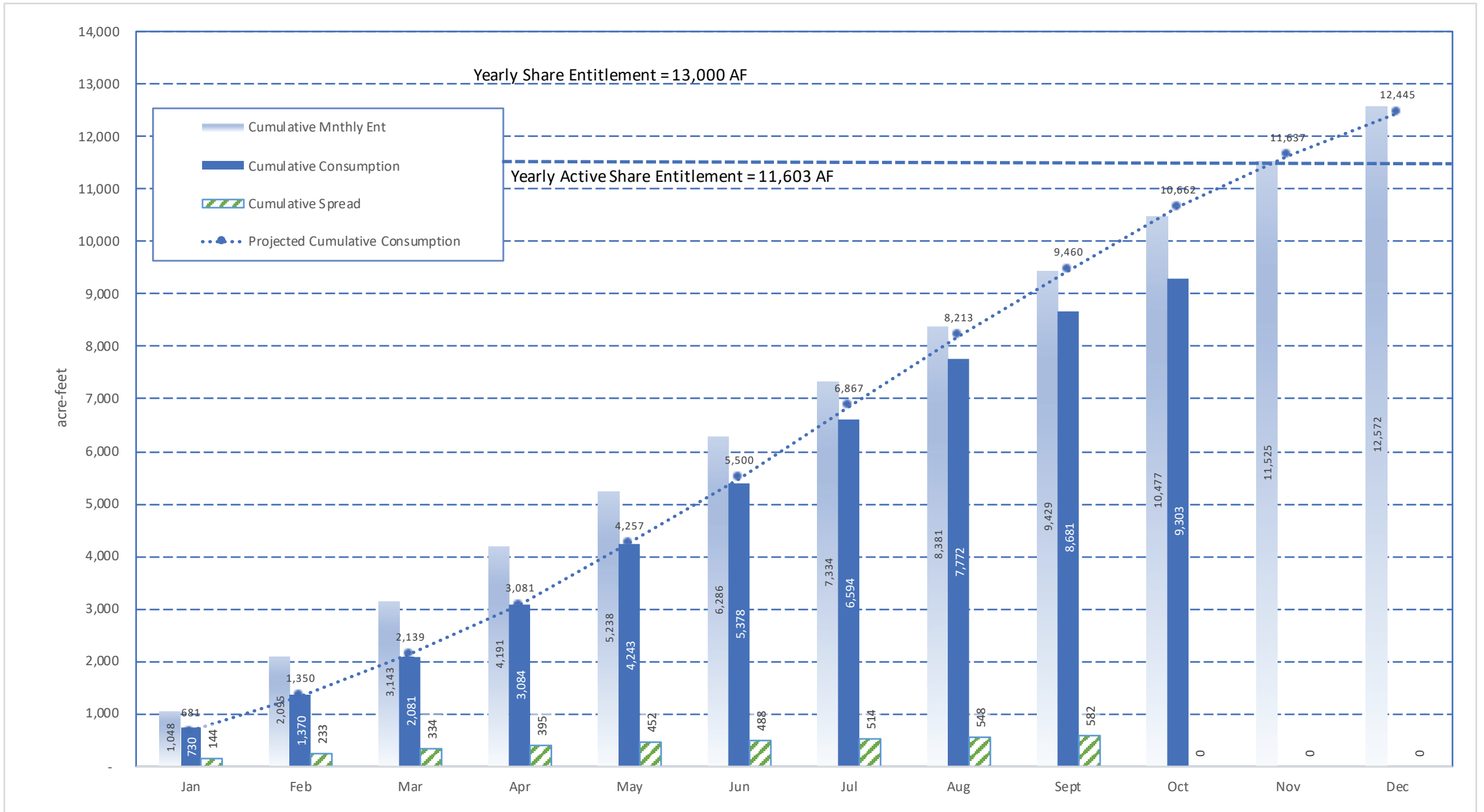
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR	Shares	218
Consumption	8.86	11.88	13.85	31.41	42.83	56.19	55.28	53.94	43.75	29.34	-	-			
Cumulative Consumption	8.86	20.74	34.59	66.00	108.83	165.02	220.30	274.24	317.99	347.33	-	-	347.33		
Cumulative Entitlement	23.97	47.94	75.45	106.10	143.83	190.20	242.46	294.73	347.00	389.45	-	-	444.08		
% of Yearly Entitlement*	2.00%	4.67%	7.79%	14.86%	24.51%	37.16%	49.61%	61.75%	71.61%	78.21%	85.17%	93.88%	78.21%		

Minor Irrigators

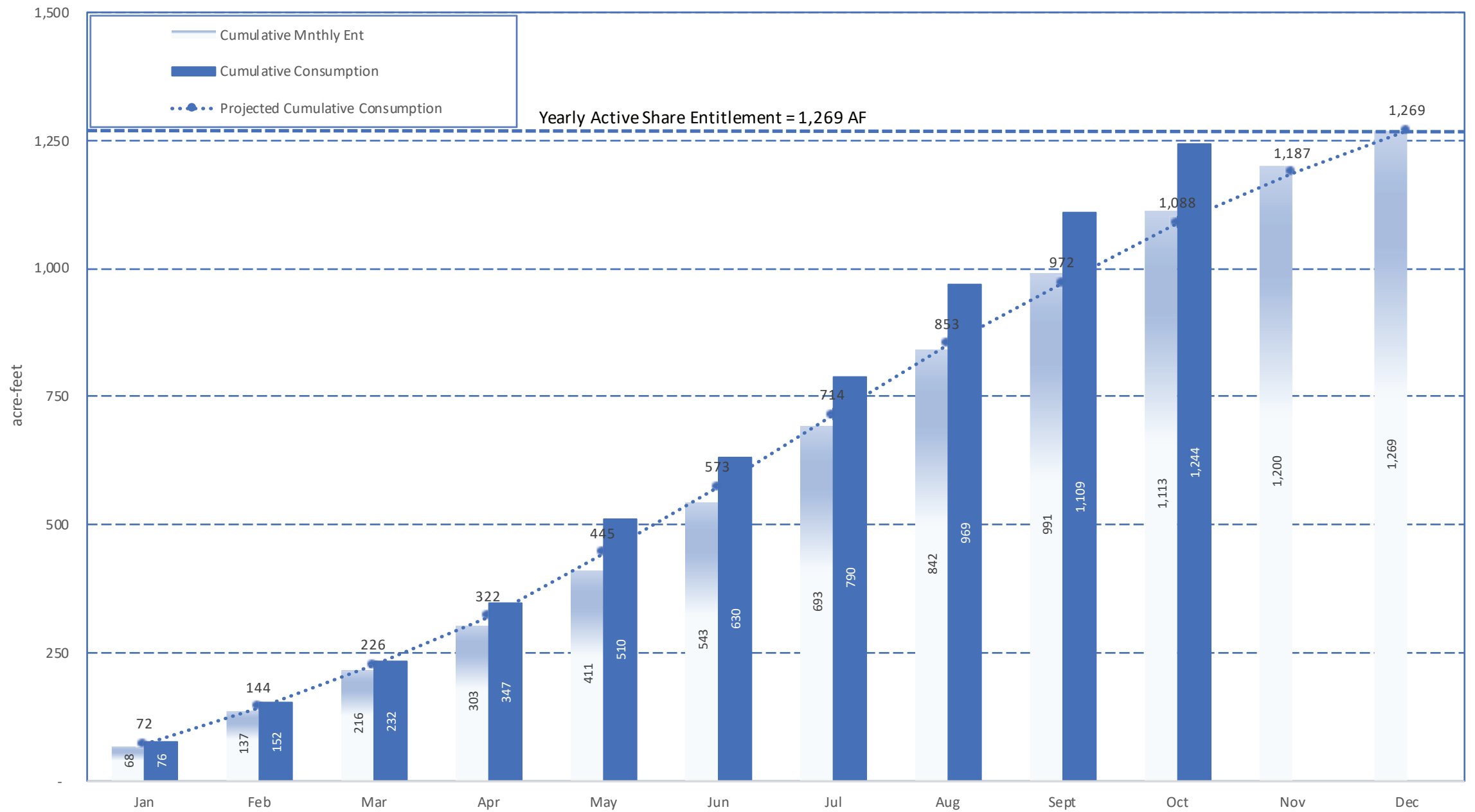
	Jan-21	Feb-21	Mar-21	Apr-21	May-21	Jun-21	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	THIS YEAR	Shares	50
Consumption	0.49	1.67	0.38	1.42	6.95	6.76	7.59	7.42	7.12	3.97	-	-			
Cumulative Consumption	0.49	2.17	2.54	3.97	10.91	17.67	25.26	32.68	39.80	43.77	-	-	43.77		
Cumulative Entitlement	5.52	11.04	17.37	24.43	33.11	43.79	55.83	67.86	79.89	89.67	-	-	102.25		
% of Yearly Entitlement*	0.48%	2.12%	2.49%	3.88%	10.67%	17.28%	24.71%	31.96%	38.92%	42.80%	47.00%	51.80%	42.80%		

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

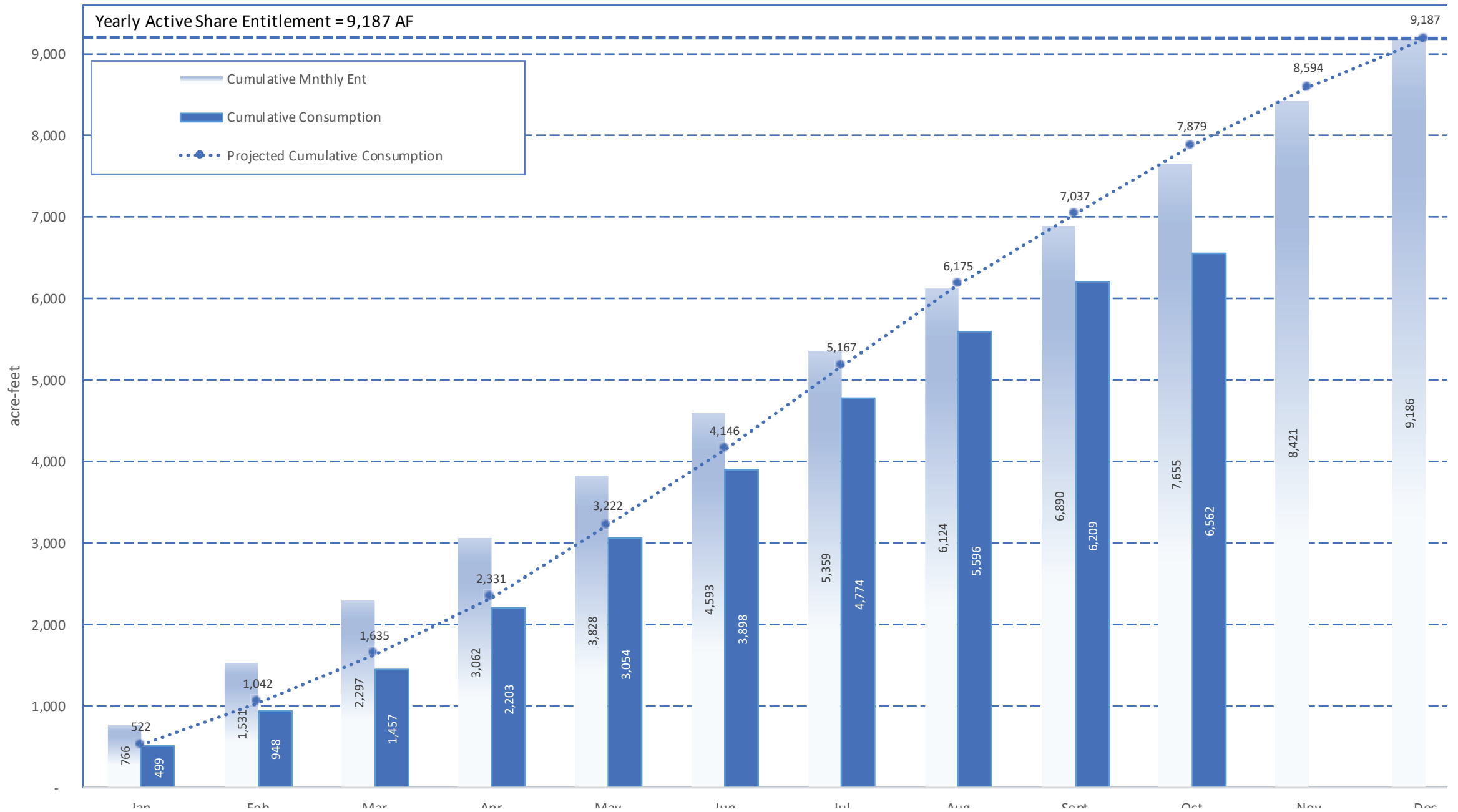
2021 Consumption Chart



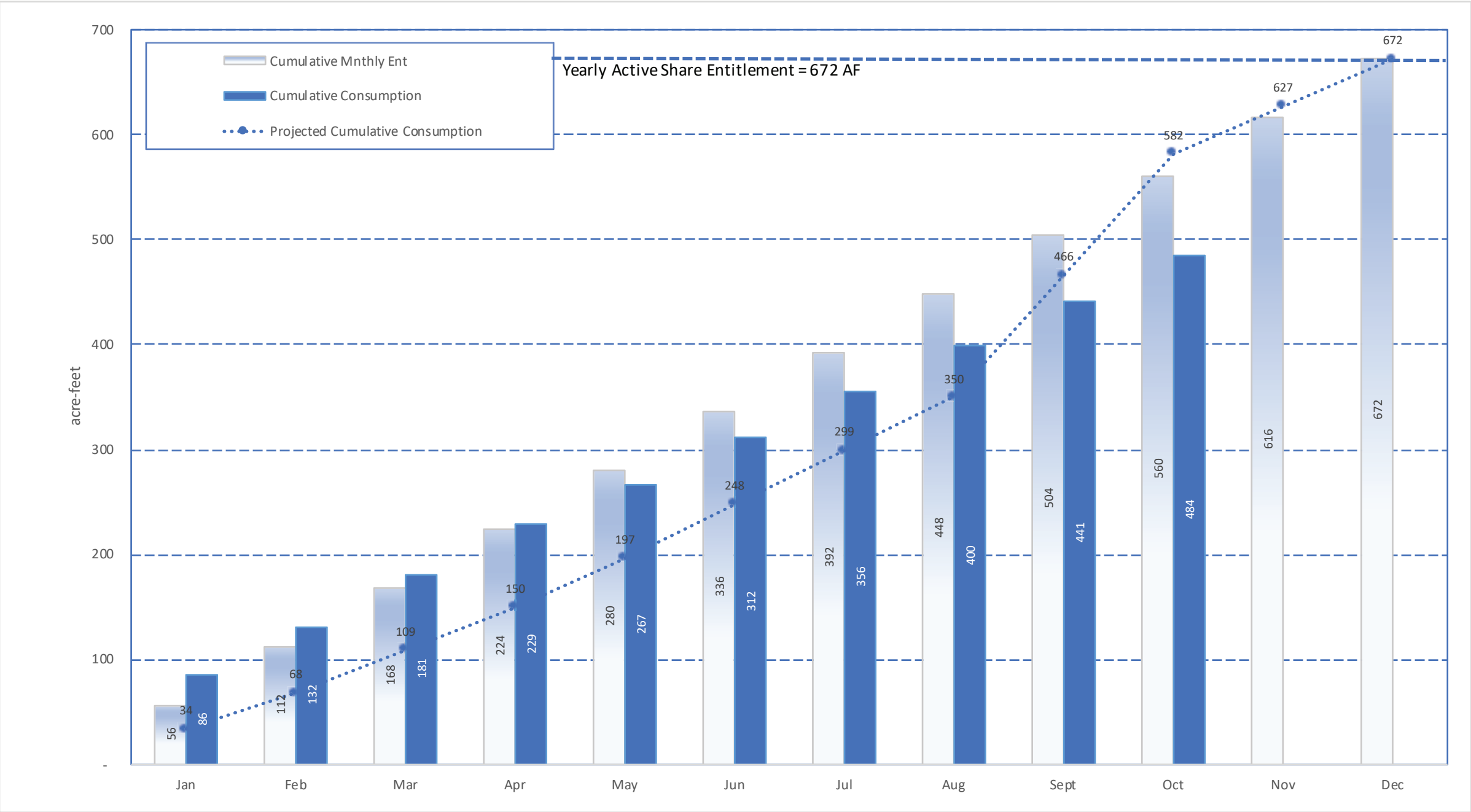
2021 Domestic Consumption



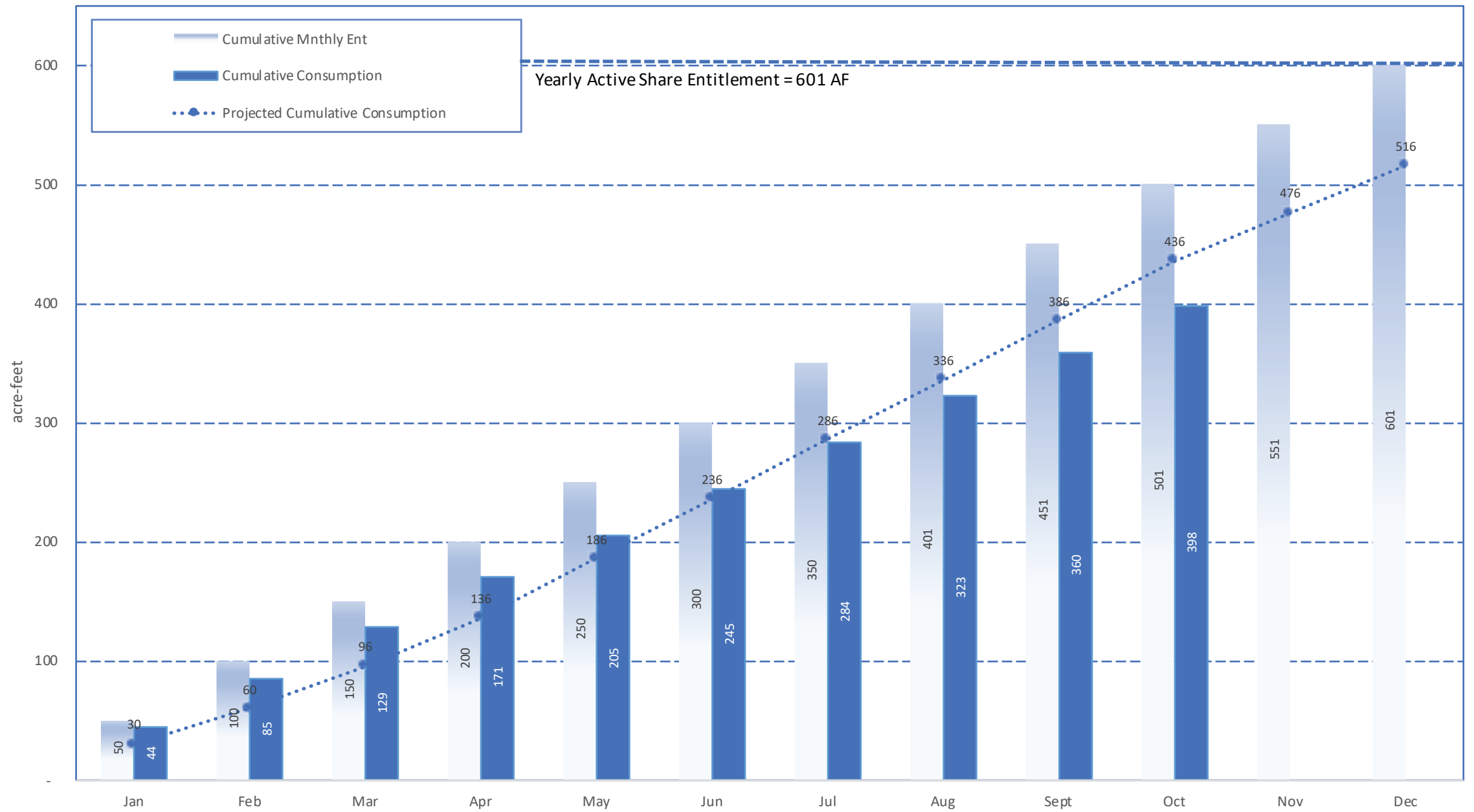
2021 Upland Consumption



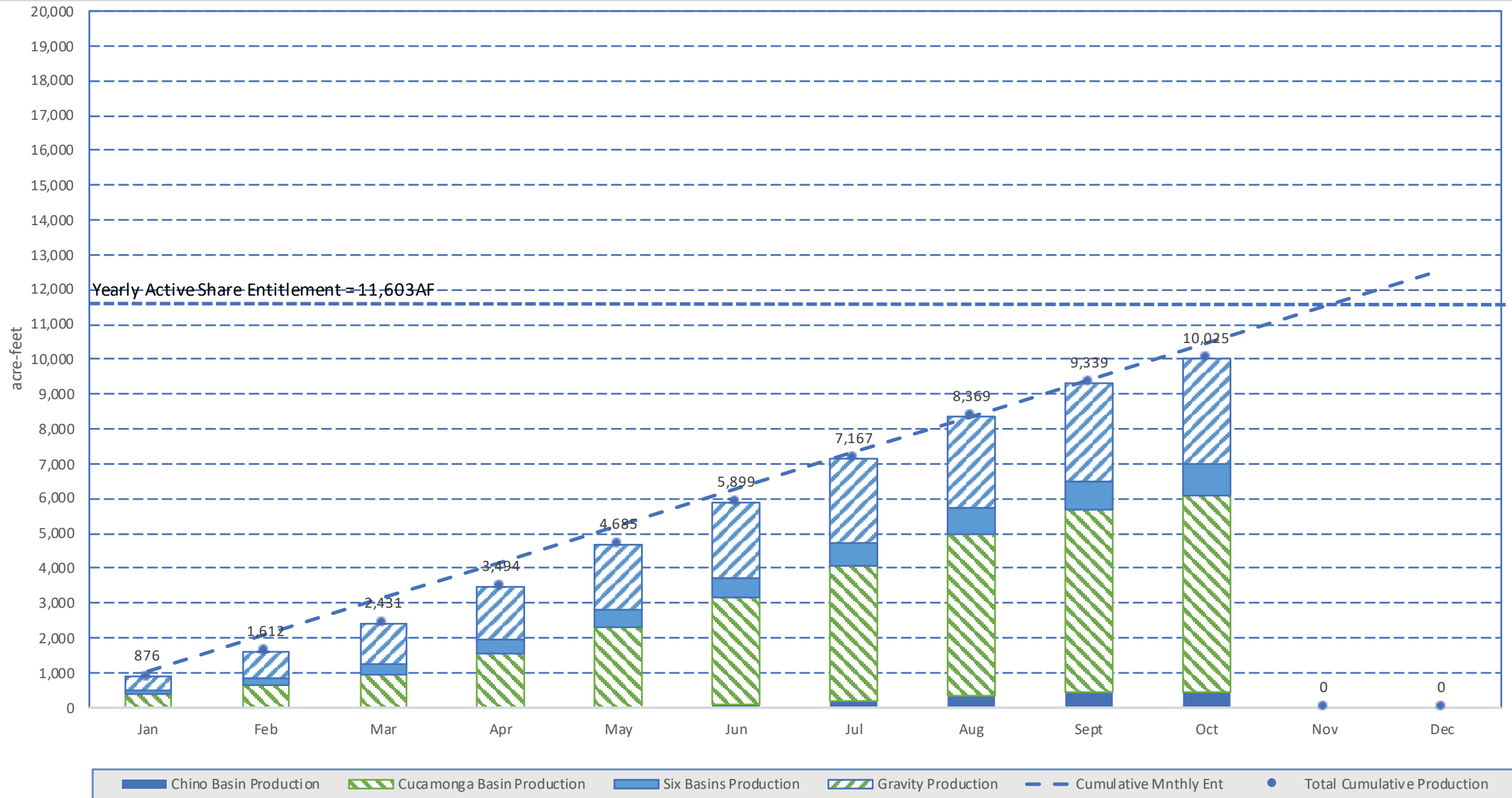
2021 Monte Vista Consumption



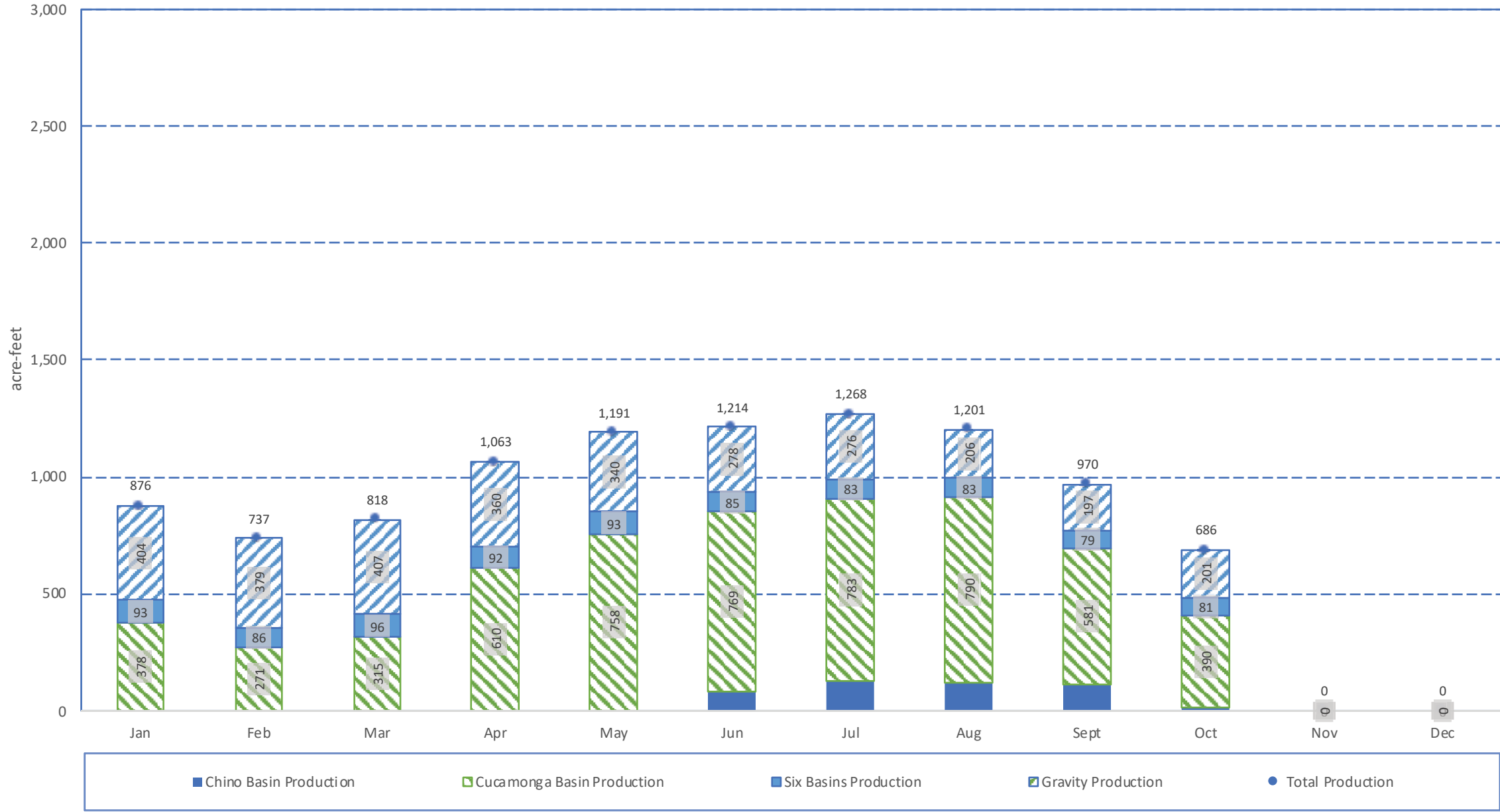
2021 Ontario Consumption



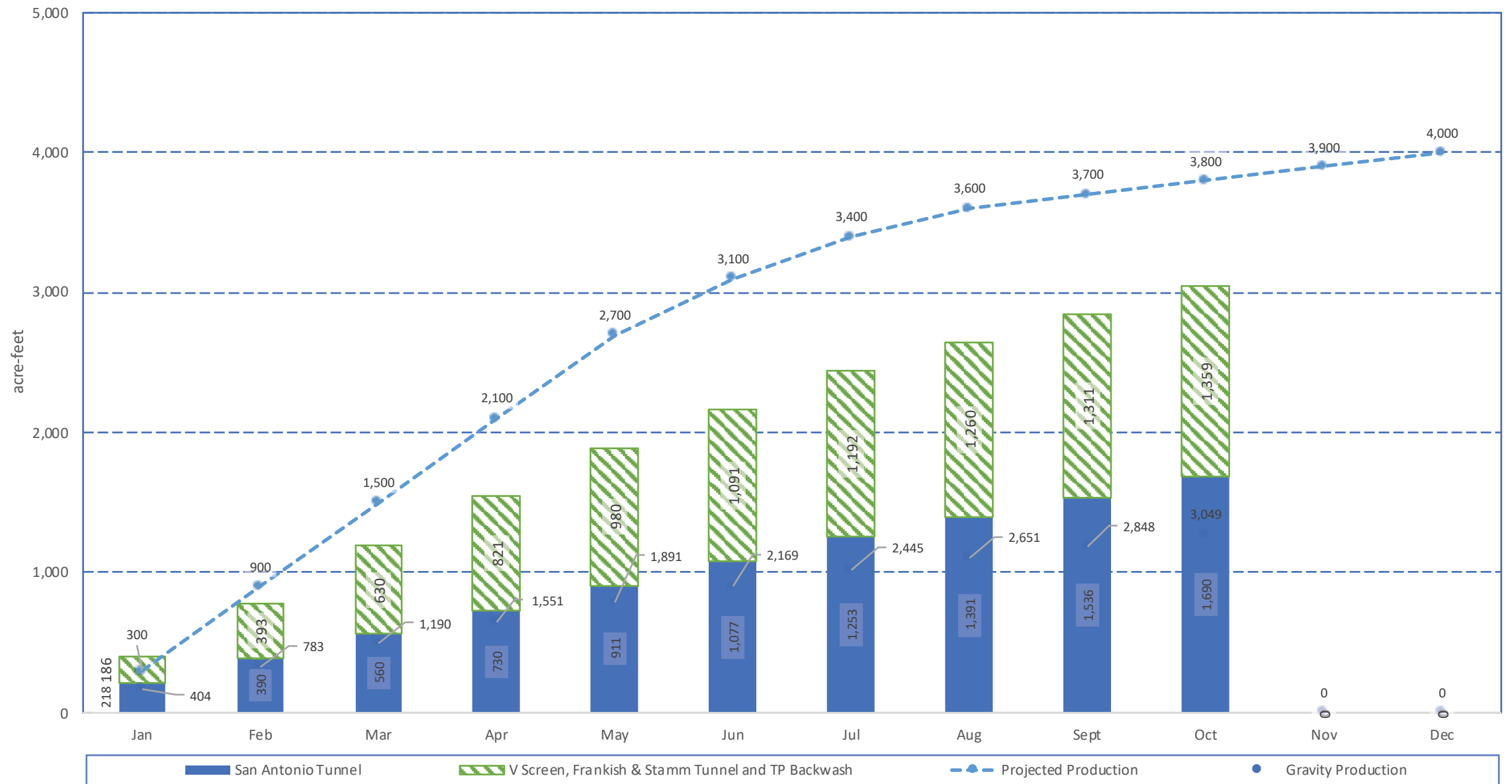
2021 Total Yearly Production



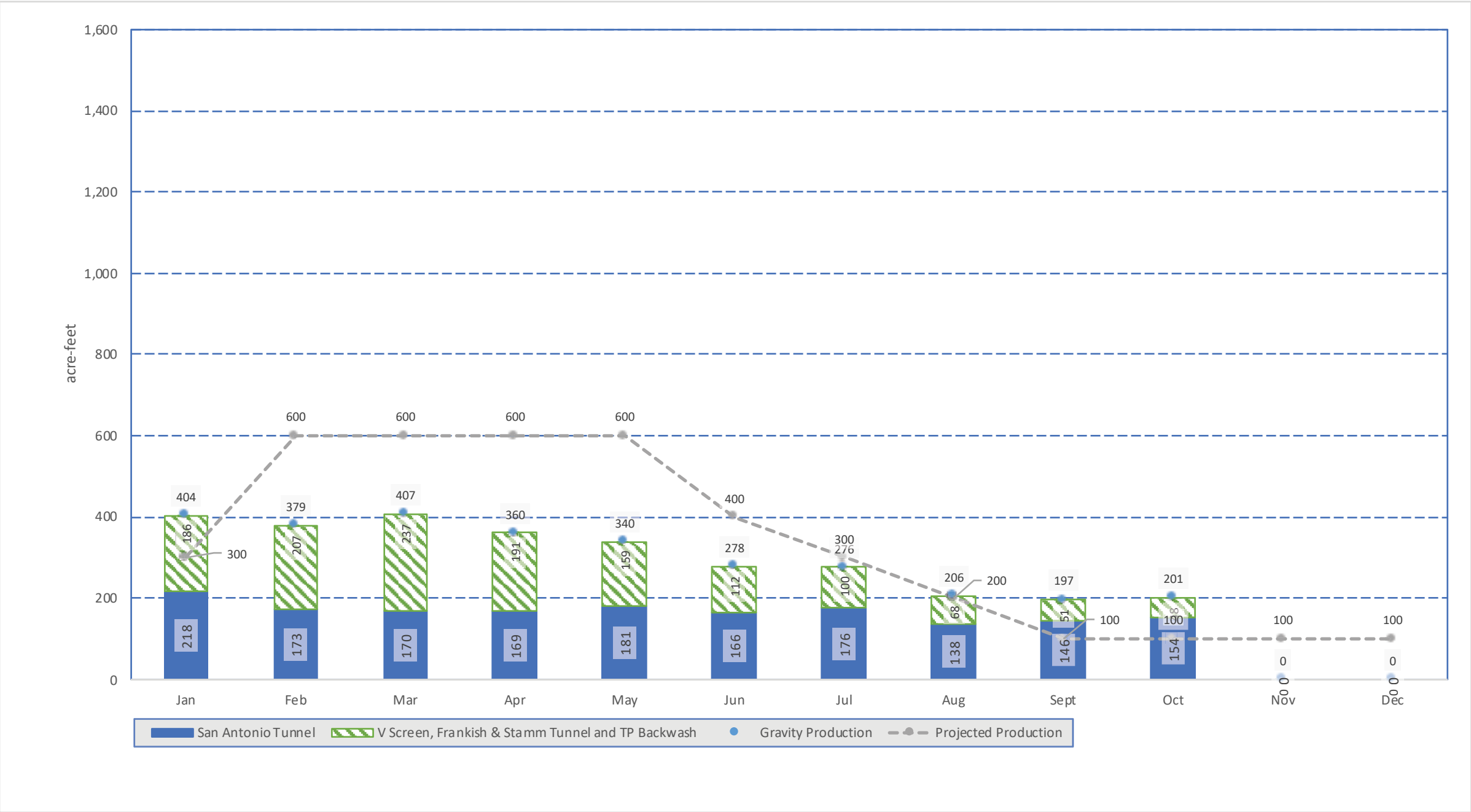
2021 Monthly Production



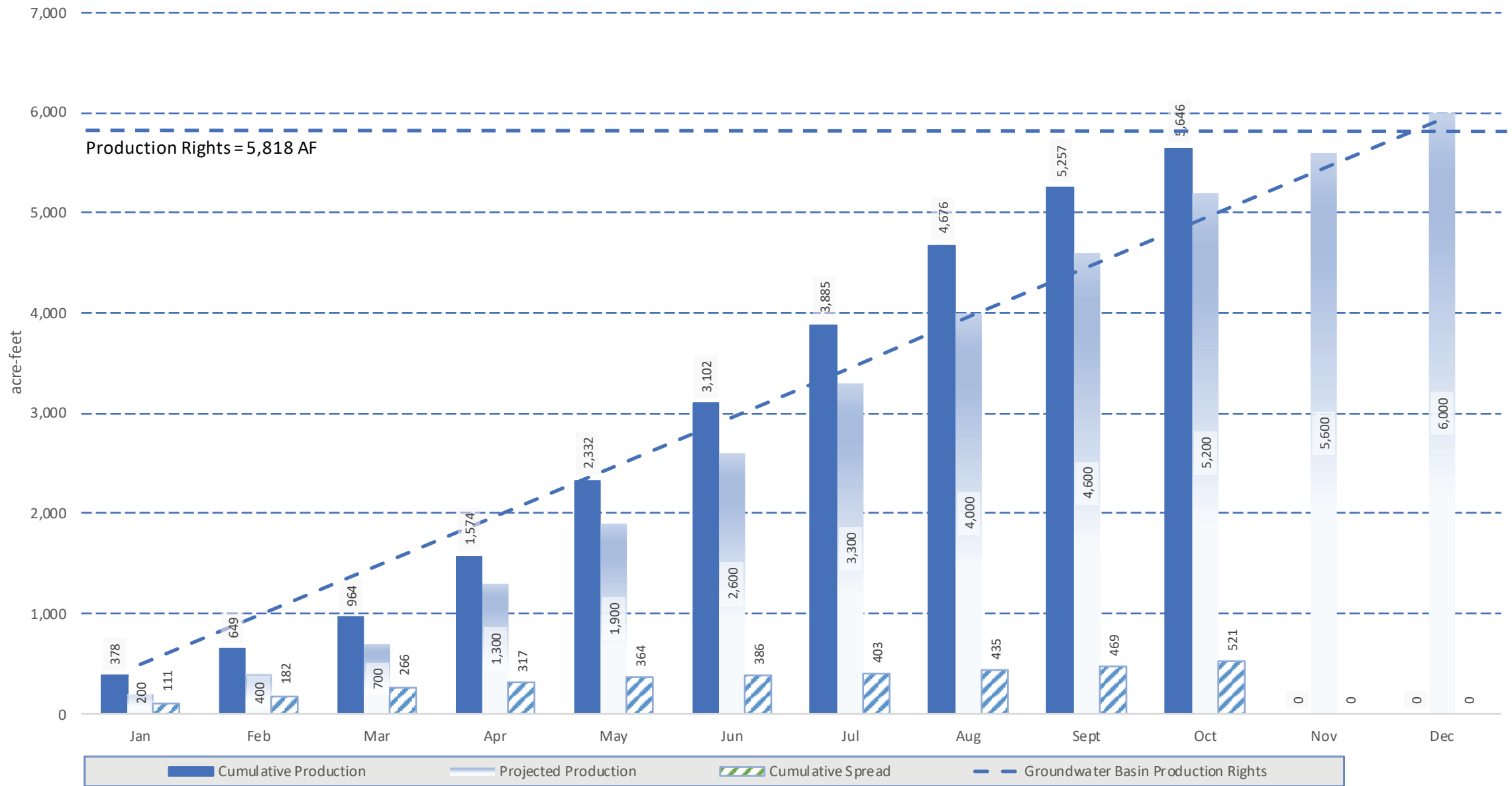
2021 Gravity Cumulative



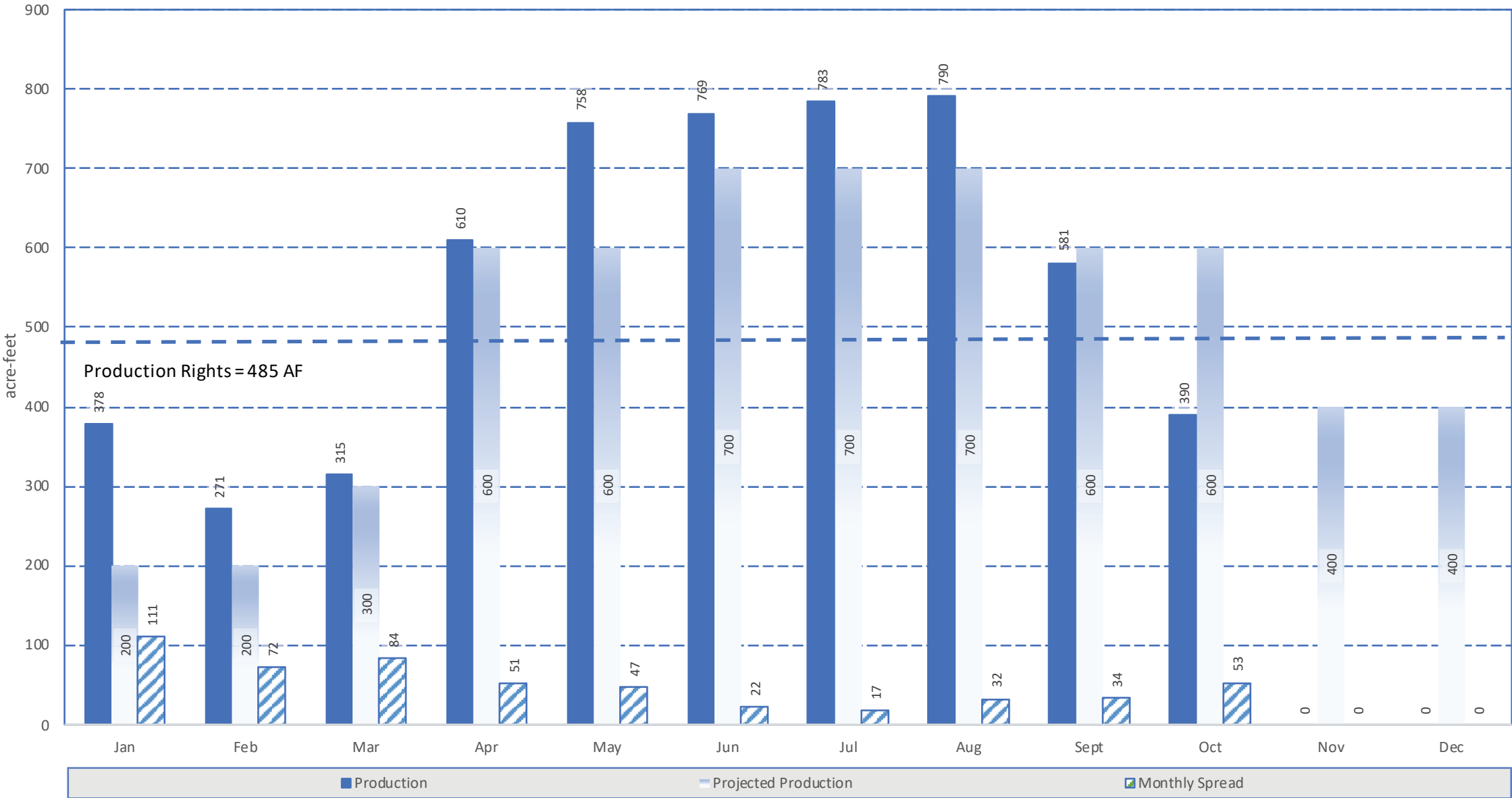
2021 Gravity Monthly



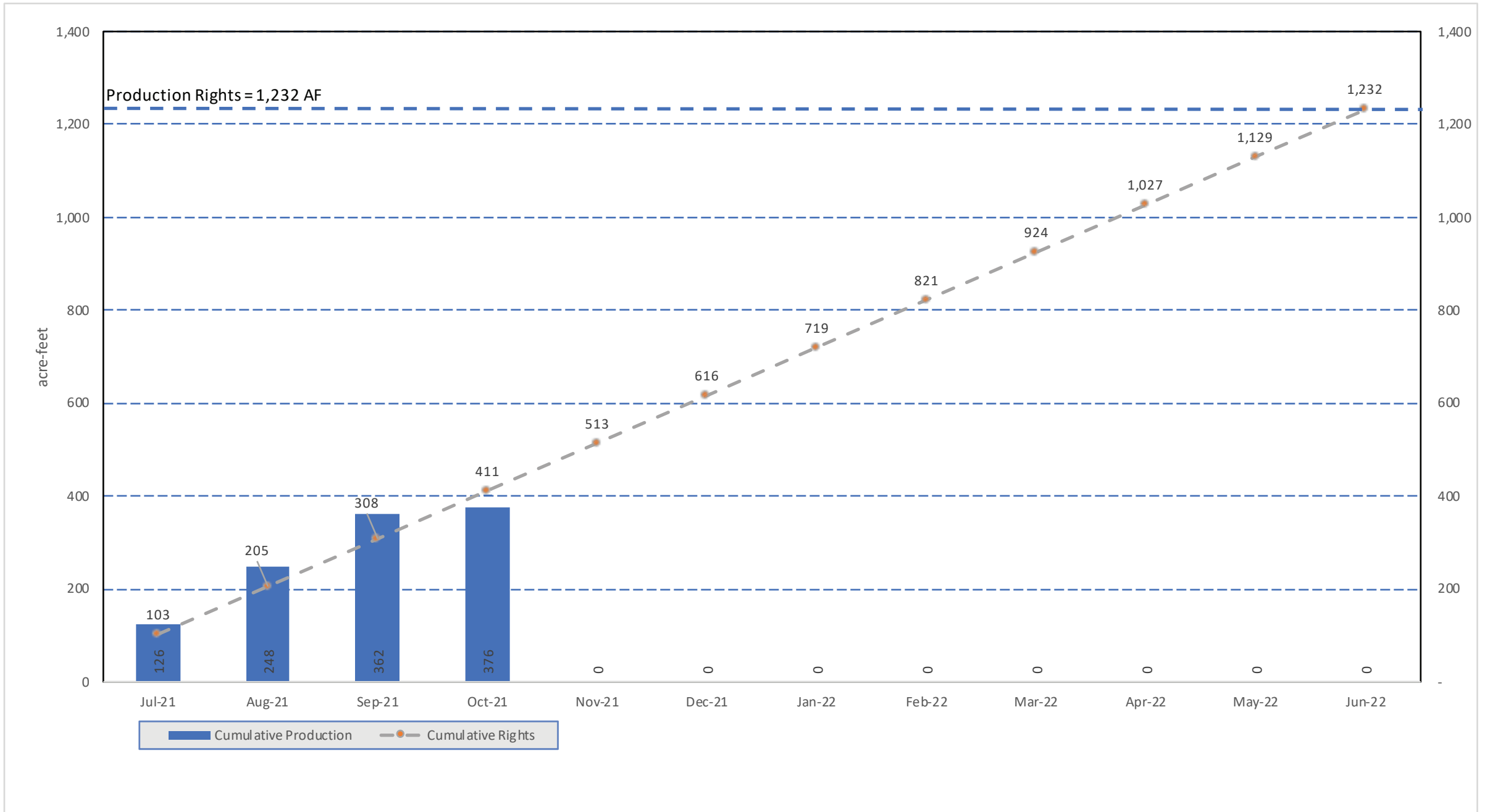
2021 Cucamonga Basin Cumulative



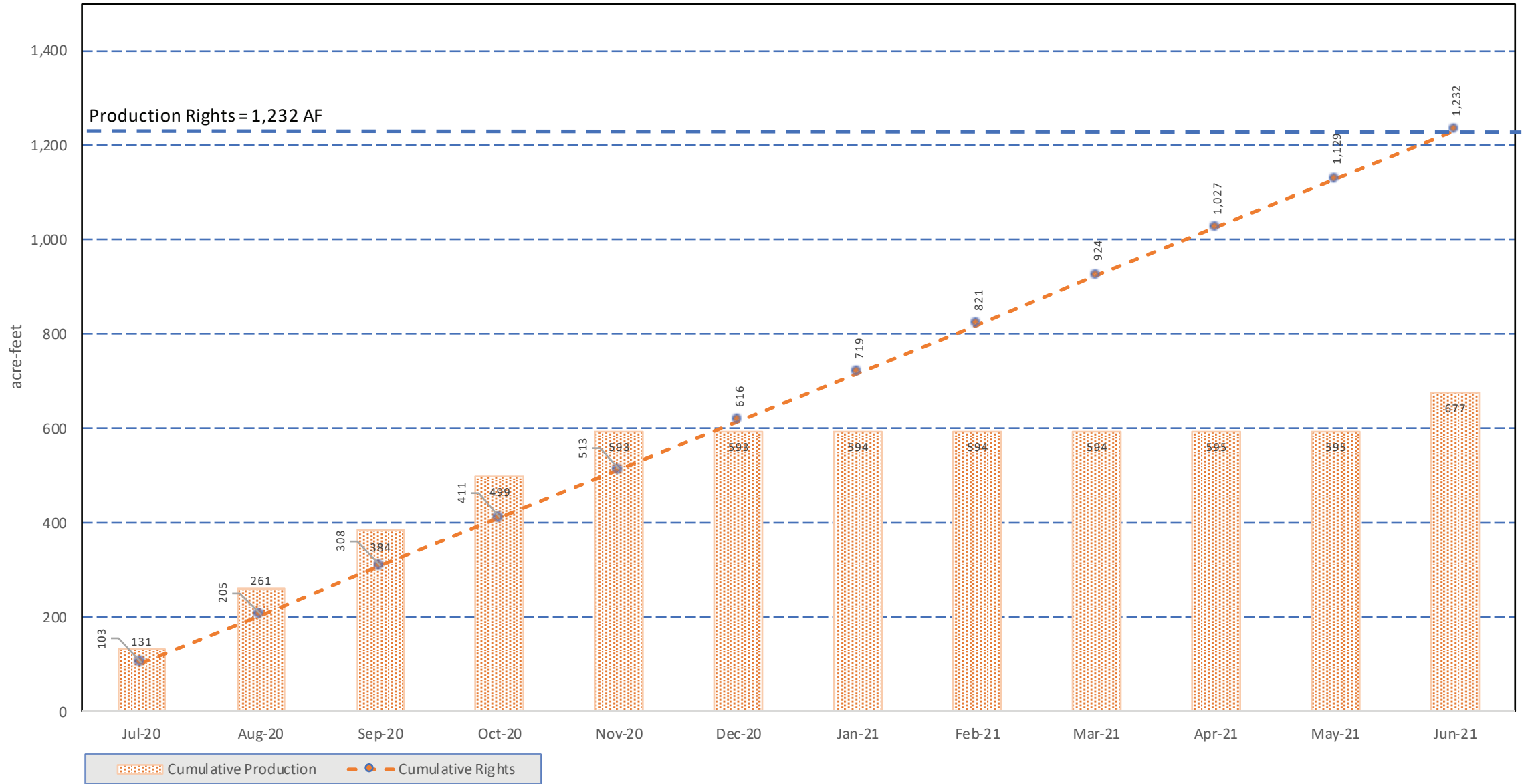
2021 Cucamonga Basin Monthly



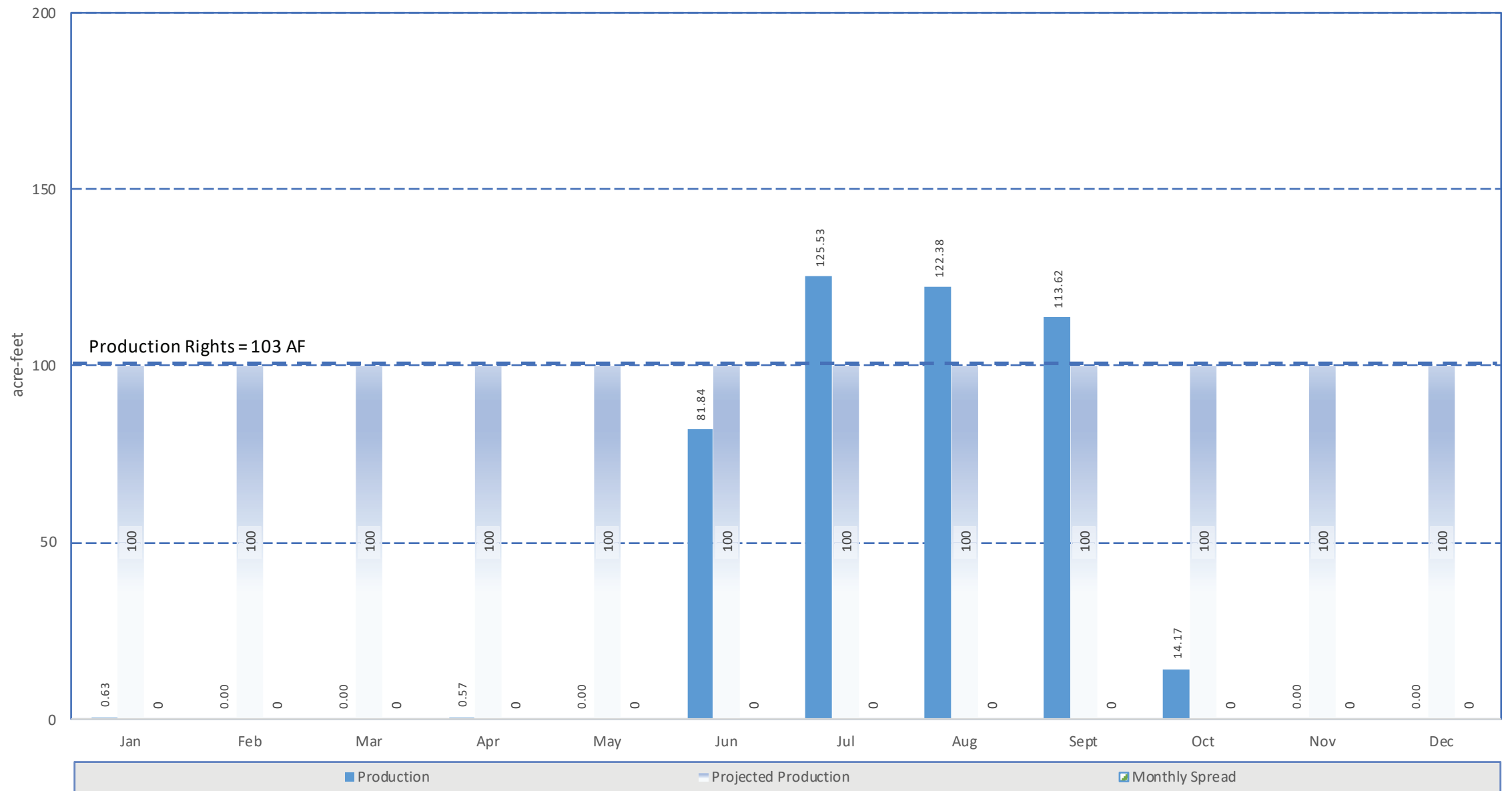
2122 Chino Basin Cumulative



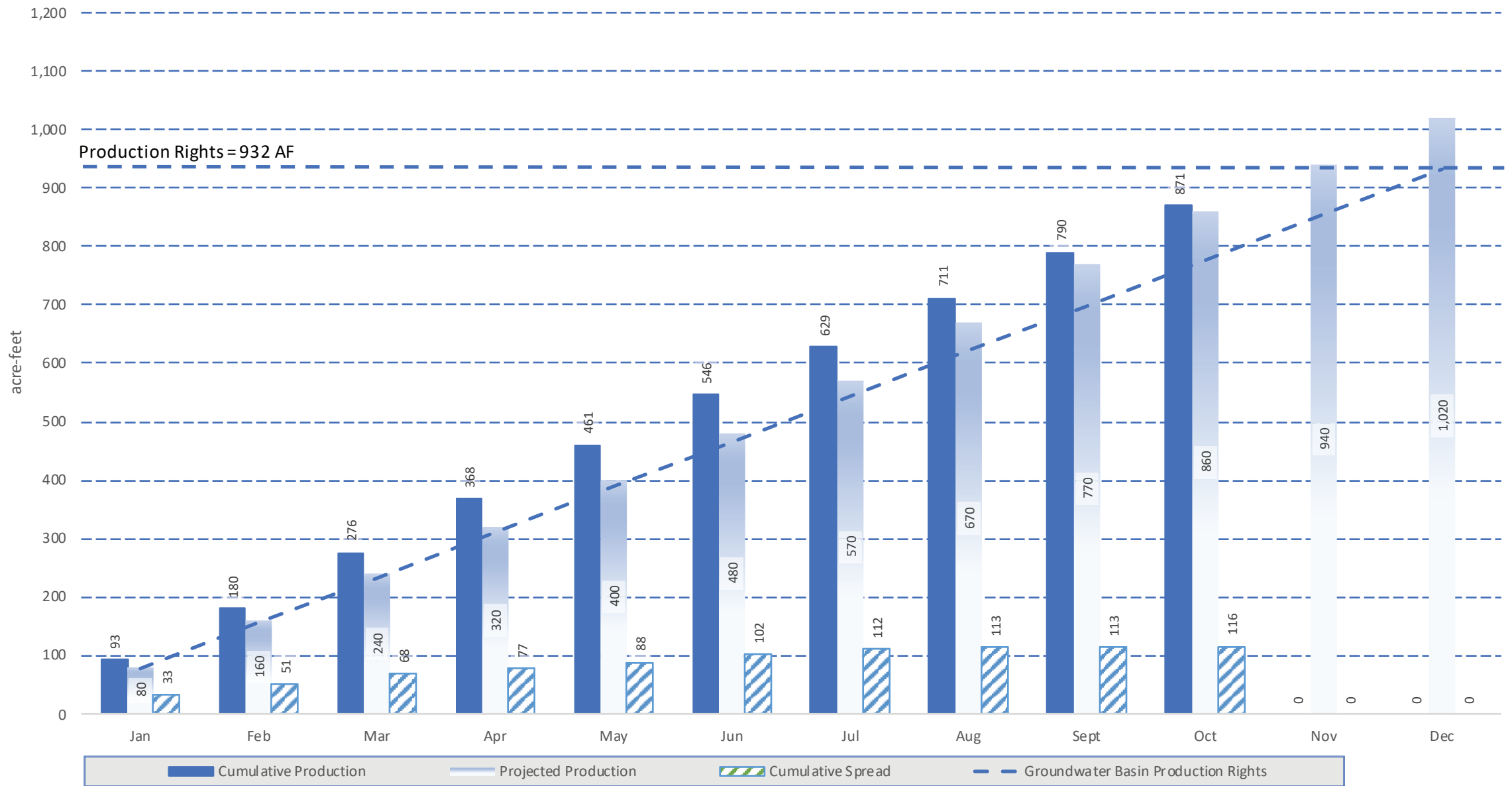
21-22 Chino Basin Cumulativ



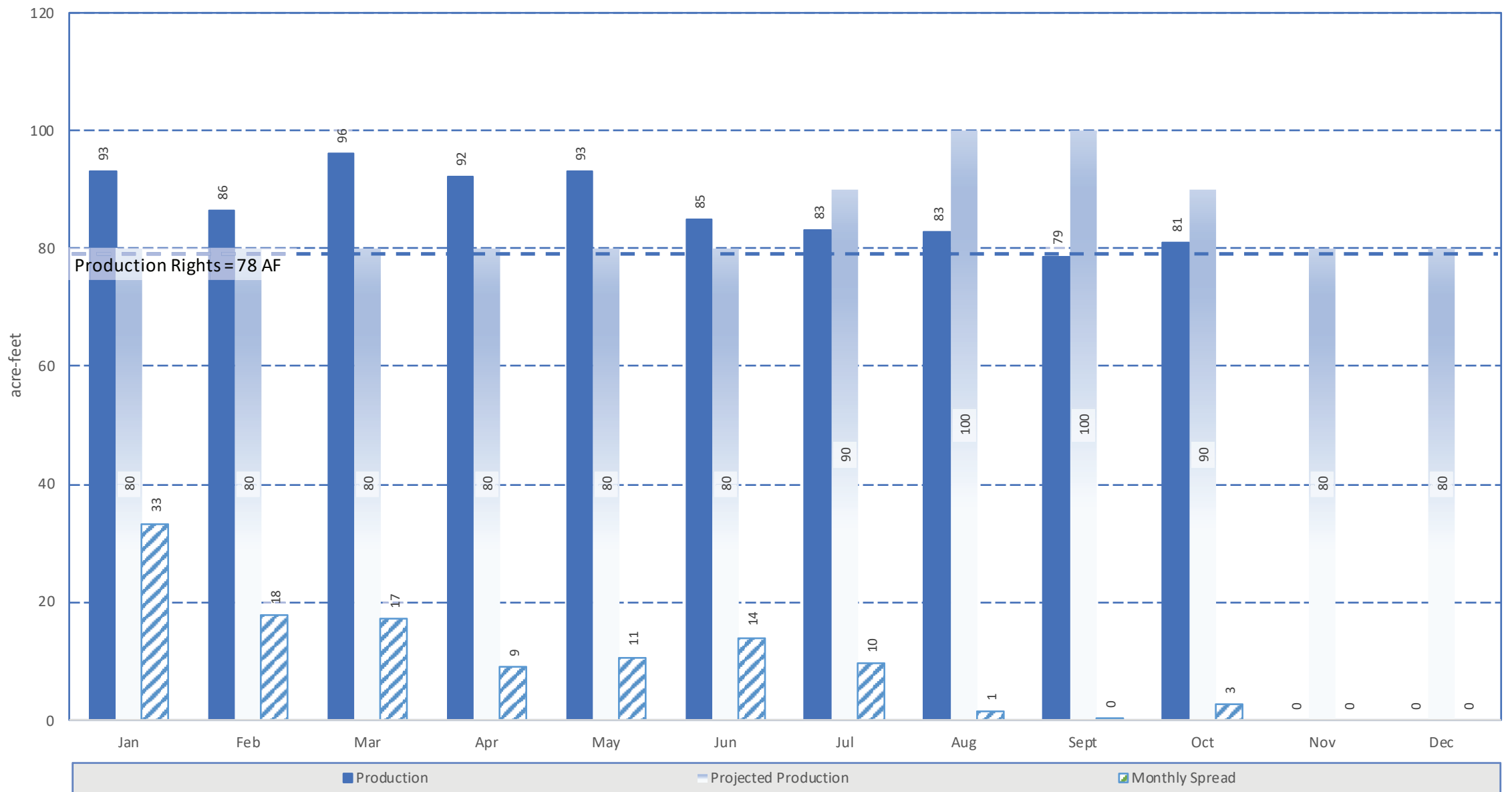
2021 Chino Basin Monthly



2021 Six Basins Cumulative



2021 Six Basins Monthly



October 2021 Monthly Waterscope Review Data

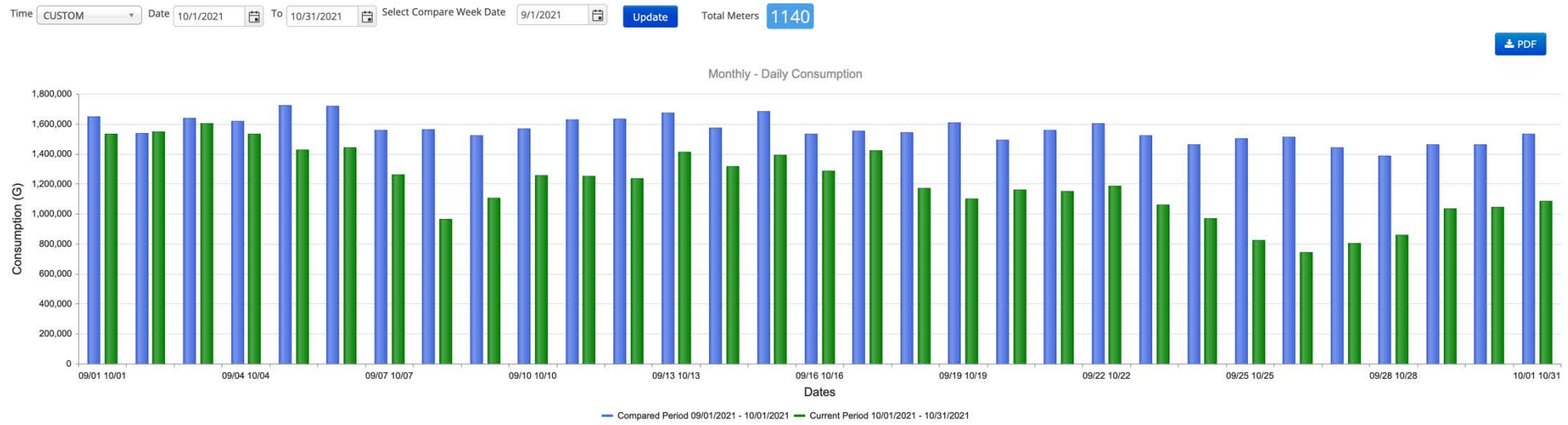


Figure 1 - Daily Consumption

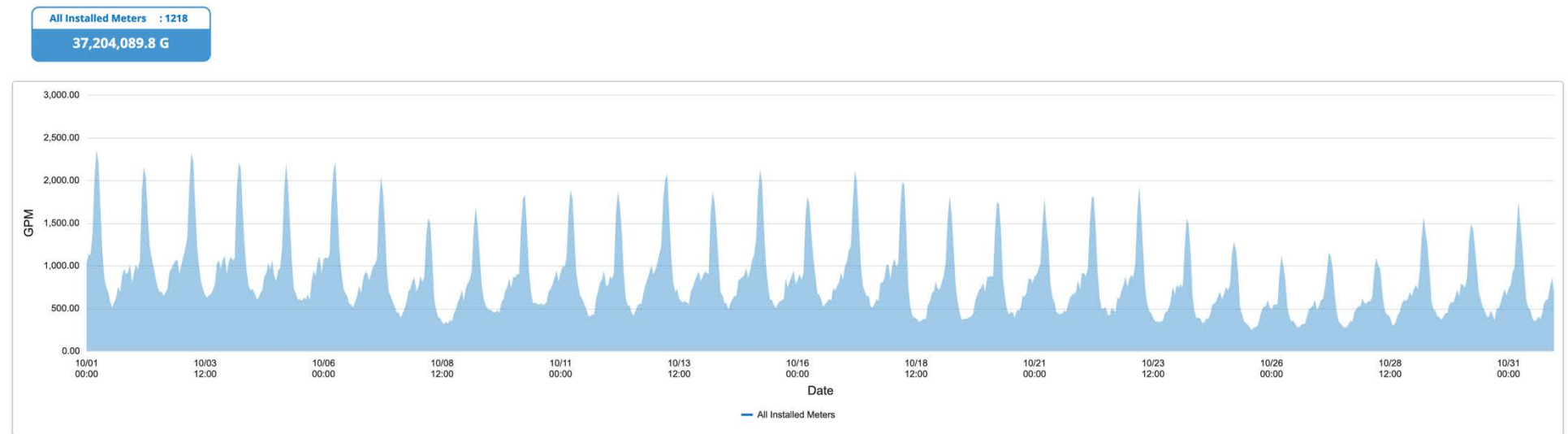


Figure 2 - Daily Usage

October 2021 Monthly Waterscope Review Data

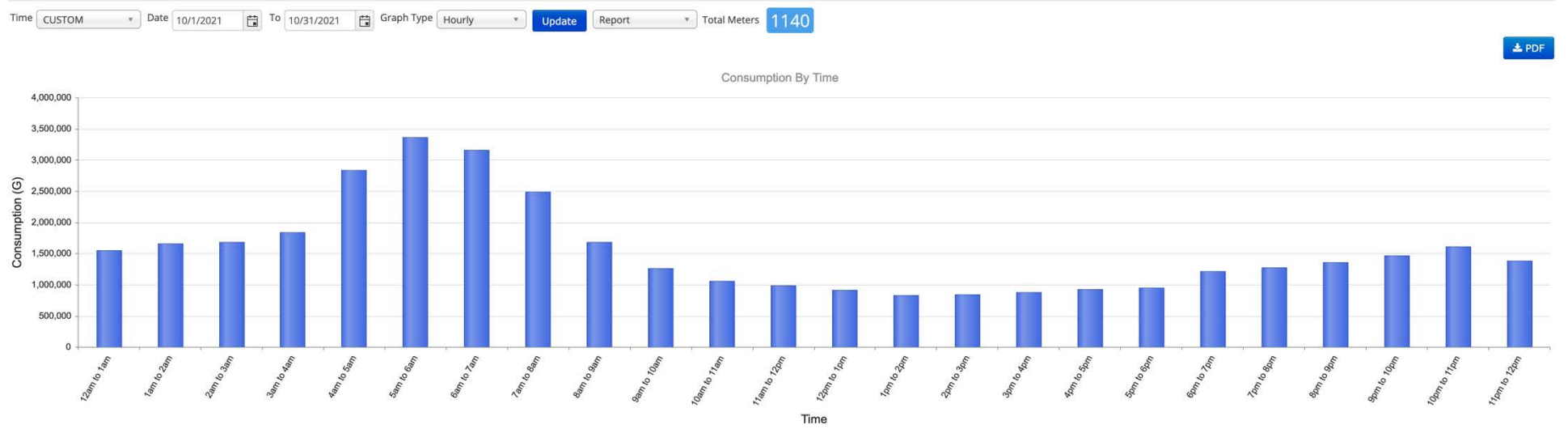


Figure 3 - Diurnal Curve

October 2021 Monthly Waterscope Review Data



Figure 4 - Leak Analysis

Leak - The condition for a leak will trigger should a meter run constantly for 24 consecutive hours. If the Water Scope program recognizes one 5-minute interval with zero consumption, a new 24-hour monitoring cycle is started.

Threshold Leak - The threshold leak condition is triggered like a normal leak but depending on meter size a threshold or minimum flow rate must be maintained over the 24-hour period. As with leaks, dropping below the threshold for 5 minutes will reset the 24-hour interval.

Intermittent Leak - This condition will identify start/stop leaks such as faulty toilet flappers. It looks at an intermittent, continuous flow between two flow rates over a specified period. The reason for the low and high thresholds is to eliminate continuous 24-hour leaks and irrigation systems from triggering the flag.

A. Water Supply through October 2021

- Annual entitlement for CY2021 is 13,000 AF
 - Cumulative yearly production was 10,025 AF
 - Cumulative yearly consumption was 9,303 AF
 - Cumulative yearly spread was 637 AF
 - Cumulative unaccounted water was 85 AF

Six Basins Production for 2021

- Annual production right is 932 AF.
- Cumulative production was 871 AF.
Production is sent to the WFA treatment facility to meet City of Ontario and MVWD entitlement.
- The Company spread a total of 116 AF.

Cucamonga Basin Production for 2021

- Annual production right is 5,938 AF.
- Cumulative production was 5,646 AF.
- The Company spread a total of 521 AF.

Chino Basin Production for 2021

- Annual production right is 1,232 AF.
- Cumulative production was 459 AF.
- The Company spread a total of 0 AF.

Surface Water (San Antonio Creek) flow for 2021

Total flow was 1,355 AF.

Tunnel flow for 2021

San Antonio Tunnel flow was 1,690 AF.
Frankish and Stamm Tunnel flow was 0 AF.

B. Company Stock

0 share of water stock moved from dormant to active this transfer period.

C. Communication and Information Activities

“Facebook” - 179 friends liking our old FB page and 71 customers have liked our new FB page. No new communication posted 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:

- Thu, Oct 21 – GM attended lunch with City of Ontario Eng Mngr.
- Tue, Oct 26 – GM hosted lunch with CVWD GM and WECWC GM
- Tue, Oct 26 – GM attended CBWM virtual Peer Review
- Thu, Oct 28 – GM attended CBWM AP virtual Confidential Session
- Thu, Oct 28 – GM attended CBWM virtual Board Meeting
- Tue, Nov 9 – GM attended IEUA Use Efficiency Program Mtg #3 @ CVWD
- Tue, Nov 9 – GM attended City of Ontario hosted workshop regarding CBWM 2021-2022 Assessment Package
- Wed, Nov 10 – GM attended CBWM virtual AP Meeting
- Wed, Nov 10 – GM attended CBWM virtual AP Confidential Session

E. Groundwater Basin Matters

Chino Basin -

Spread Water from SAWCo

Application to spread 1,500 AF per year for years 21/22 through 25/26 was approved by WM Board in July. We have not yet spread any water in 2021.

Ag Pool Contest and Legal Expenses – In May 2017 the Agricultural Pool initiated adversarial proceedings contesting Appropriative Pool storage within the Chino Basin.

The Appropriative Pool has objected to those costs being ‘expenses’ as defined by the Peace Agreement. The courts agreed with the AP.

On July 26th the Ag Pool filed a motion for Attorney’s Fees of about half a million dollars.

~~The hearing for Ag Pool attorney’s fees was deferred at the Court’s request from Oct 8 to Nov 5.~~

At the Nov 5th hearing the judge denied Ag Pool’s motion for attorney’s fees. The Order is currently being prepared. Ag Pool will likely appeal.

The judge also announced his retirement.

Six Basins –

A meeting was held on October 27, 2021. The Watermaster Board discussed the following:

- Draft CY 2022 Operating Safe Yield
- Draft CY 2022 Budget and Assessment

Action on these issues will be at the next meeting scheduled for November 17th. The Board decided to continue to meet virtually.

Cucamonga Basin –

The working group met virtually on November 2nd.

CVWD is still working to get Basin Model data from West Yost.

An RFQ / RFP process has been initiated by the Basin representatives for future engineering/hydrogeologic work. Based on the responses to the RFQ, three firms were shortlisted to continue with the RFP process. An addendum to the Request for Proposal was discussed and feedback was given by all the parties. No change to the current schedule was made. Proposals were received from all three consultants by the Oct 12 deadline.

Proposals were reviewed and discussed. We are working to schedule interviews.

There’s been on-going discussion regarding a possible development near the Sycamore Inn.

The next scheduled meeting is November 2nd.

Agenda Item No. 4H

Item Title: Projects and Operations Update

Purpose:

To update the Board and Shareholders on Company capital projects.

Updates:

1507 – Office Relocation

Presentation to City of Upland originally scheduled for late September has been deferred at City Manager’s request.

~~1901 – Automated Meter Reading (AMR)~~

~~All domestic meters have been installed. Field staff has verified each meter installation and is working to fix minor leaks at some meter threads.~~

~~Not unexpected, but about 80 meters are having cellular connection issues. We are working to improve reception by coordinating with cellular carrier, alternate meter antennas or switching cellular carriers.~~

Original Budget.....	\$770,000
Original Contracts.....	\$731,220
Authorized Change Orders.....	8,000
Current Contracts.....	\$739,220

1902 – Cucamonga Crosswalls Mitigation

County has retained GRB, our contractor for the crosswall work, to process spoils behind the Cucamonga Dam. The state Division of Safety of Dams has requested that the County ‘muck out’ behind the dam to regain lost storage. Staff has asked GRB to assist in site clean-up while they have the equipment in operation.

1905 – 2020 Master Plan

Computer Water Model being constructed by consultant. Staff is coordinating with consultant regarding areas of concern in the water model to improve accuracy. Revised schedule is to complete Master Plan by end of the year.

Original Budget.....	\$240,000
Original Contracts.....	\$204,085
Authorized Change Orders.....	NA
Current Contracts.....	\$204,085

2007 Well 19

Staff is working on a Request for Proposals to construct a new Well 19. RFP should be released next year for consideration by the Board.

2101 Booster 17 (V Screen) Generator

Purchase Order has been submitted. ~~Waiting on delivery.~~ Generator delivered. Installation should be completed by end of November.

Original Budget.....	\$18,000
Original Contracts.....	\$14,510
Authorized Change Orders.....	NA
Current Contracts.....	\$14,510

2102 Shaft 6 Generator

Purchase Order has been submitted. Generator delivered. Installation should be completed by end of November. ~~Waiting on delivery.~~

Original Budget..... \$8,000
Original Contracts..... \$6,436
Authorized Change Orders NA
Current Contracts \$6,436

2103 Booster 19 (Holly Drive) Generator

Purchase Order has been submitted. Generator has been delivered. Contractor is currently working on concrete pad for generator installation. Natural gas line and service is installed. Waiting for installation of concrete pad.

At the request of property owner Staff is working to hire a landscape architect with the intent to install screening landscaping.

Original Budget..... \$75,000
Original Contracts..... \$61,366
Authorized Change Orders NA
Current Contracts \$61,366

2105 Urban Water Management Plan

~~Contract was awarded at the March 2021 Board Meeting. Staff and consultant are exchanging and reviewing data. UWMP approved by Board in Sept. Water Shortage Contingency Plan up for review tonight.~~

~~Original Budget..... \$60,000
Original Contracts..... \$48,780
Authorized Change Orders..... NA
Current Contracts..... \$48,780~~

2107 Risk and Resiliency Assessment of SCADA system

Company has contracted a detailed study to find and eliminate openings in our SCADA system to reduce risk of outside attacks.

Original Budget..... \$15,000
Original Contracts..... \$12,000
Authorized Change Orders NA
Current Contracts \$12,000

2108 Demolition of abandoned booster stations 5 and 15

~~Contract with CP Construction was awarded at the May Board Meeting. City has agreed to waive permit fees in exchange for quit claim of park land.~~

~~Both facilities have been demolished. Staff to start work on quitclaim of park property to the City. Quitclaim has been submitted to city for verification prior to execution.~~

~~Original Budget..... \$100,000
Original Contracts..... \$80,000
Authorized Change Orders NA
Current Contracts \$80,000~~

2111 AWIA Emergency Response Plan

Federal Government mandated report. Contract with WSC was awarded at the July Board Meeting. Deadline to submit ERP is December 31, 2021.

Original Budget.....	\$36,000
Original Contracts.....	\$33,530
Authorized Change Orders	NA
Current Contracts	\$33,530

2112 Treatment Plant

Technical memorandum discussing the pros and cons of a company treatment plant. Contract with TKE fully executed. Scheduling pre-design meeting.

Original Budget.....	\$27,000
Original Contracts.....	\$24,500
Authorized Change Orders	NA
Current Contracts	\$24,500

Item Title: Presentation by Mr. Mark Norton, Santa Ana Watershed Project Authority

Purpose:

To discuss SAWPA's Cloud Seeding Feasibility Study and the Possibility of SAWCO Financial Contribution.

Manager's Recommendation:

Receive Mr. Norton's Presentation and provide direction to staff.

Background:

On November 2nd staff was contacted by SAWPA Water Resources and Planning Manager regarding the SAWPA Cloud Seeding Feasibility Study with a request to present to SAWCO Board. Additionally, SAWPA has requested a \$5,000 funding commitment from SAWCO.

Previous Action:

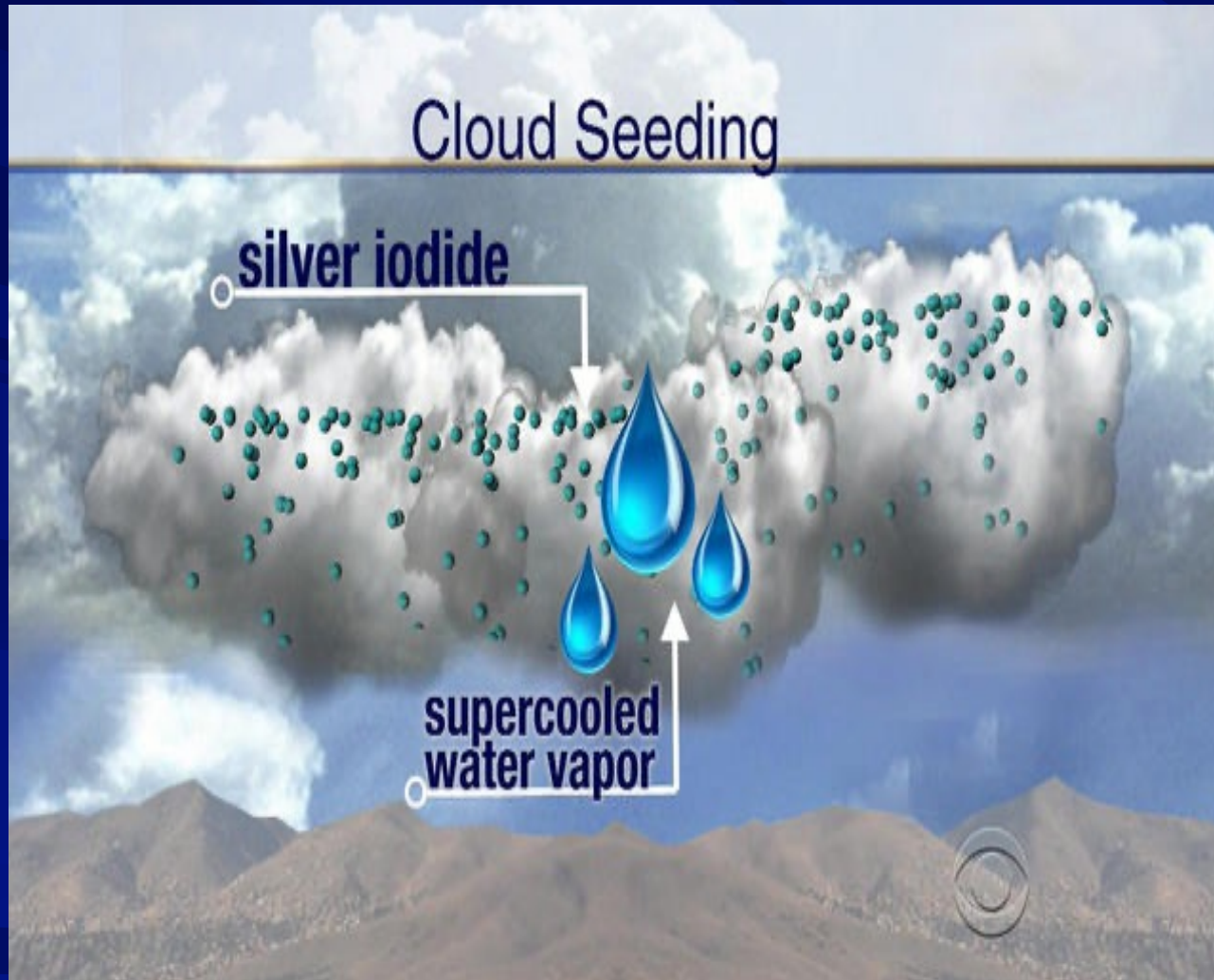
None

Impact on Budget:

No impact on current budget.

Possible \$5,000 addition to 2022 budget

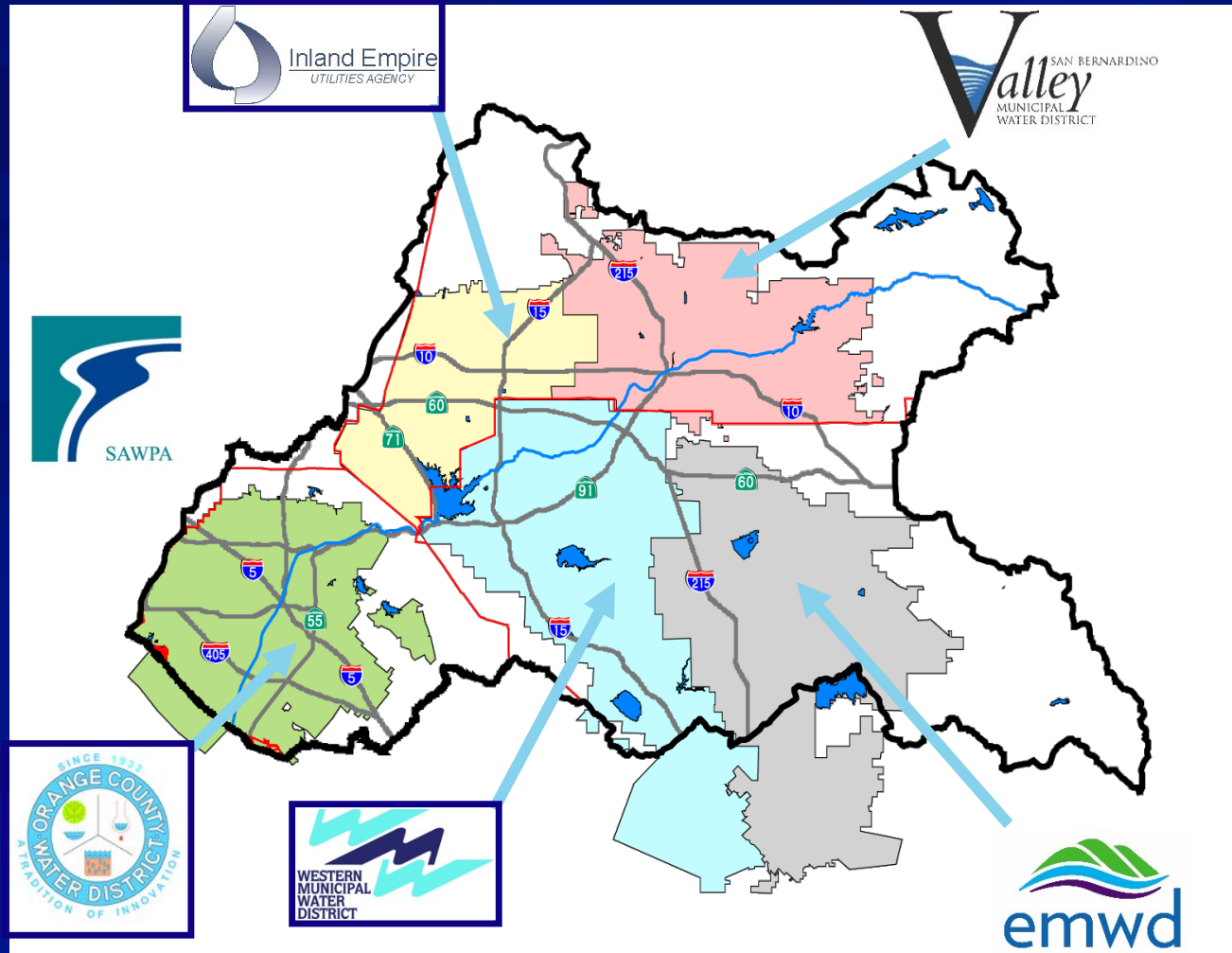
SANTA ANA RIVER WATERSHED WEATHER MODIFICATION PILOT PROGRAM



MARK NORTON, PE, WATER
RESOURCES & PLANNING MANAGER
SANTA ANA WATERSHED PROJECT
AUTHORITY

Who is SAWPA?

Santa Ana Watershed Project Authority is a joint powers authority with five Member Agencies



Other Stakeholders

97 Water-related Agencies

4 Counties

63 Cities

State water, environmental, and regulatory agencies

Federal Agencies

Other Special Districts

Special Interest Groups

How cloud seeding works

1

Silver iodide mixed with acetone is vaporized, releasing particles into the atmosphere.

2

Iodide particles rise into cold, high-altitude air, moisture in the air condenses to form ice crystals on particles.

3

As ice crystals grow they become heavy and fall back to Earth in the form of snow or, at warm temperatures, melt into rain.



Seeding generator

Wind direction

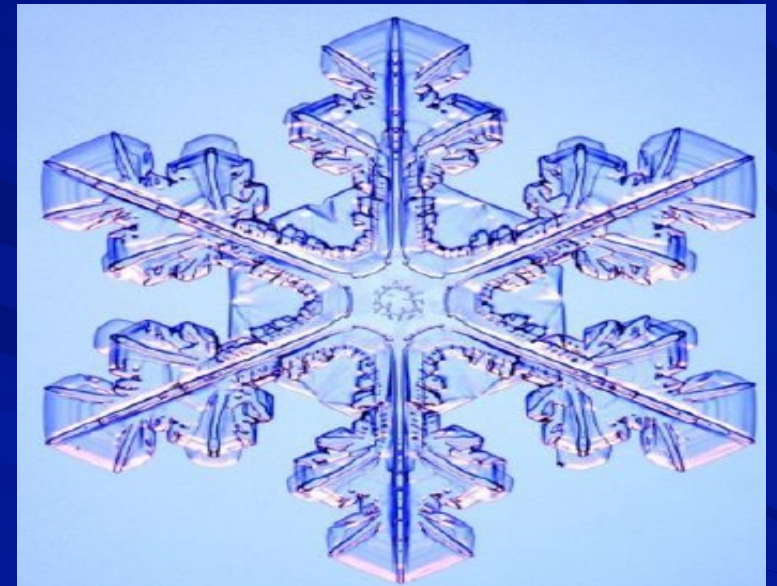
Weather Modification (Cloud Seeding) History

Background

- Started in the U.S. in the 1940s
- Overselling, minimal science
- Misconceptions remain

Advances since the 1940s

- Forecasting
- Measurement
- Computing
- Seeding methods
- Scientific long term validation studies



Weather Modification Users and Costs

150 programs in 40 countries and 11 states

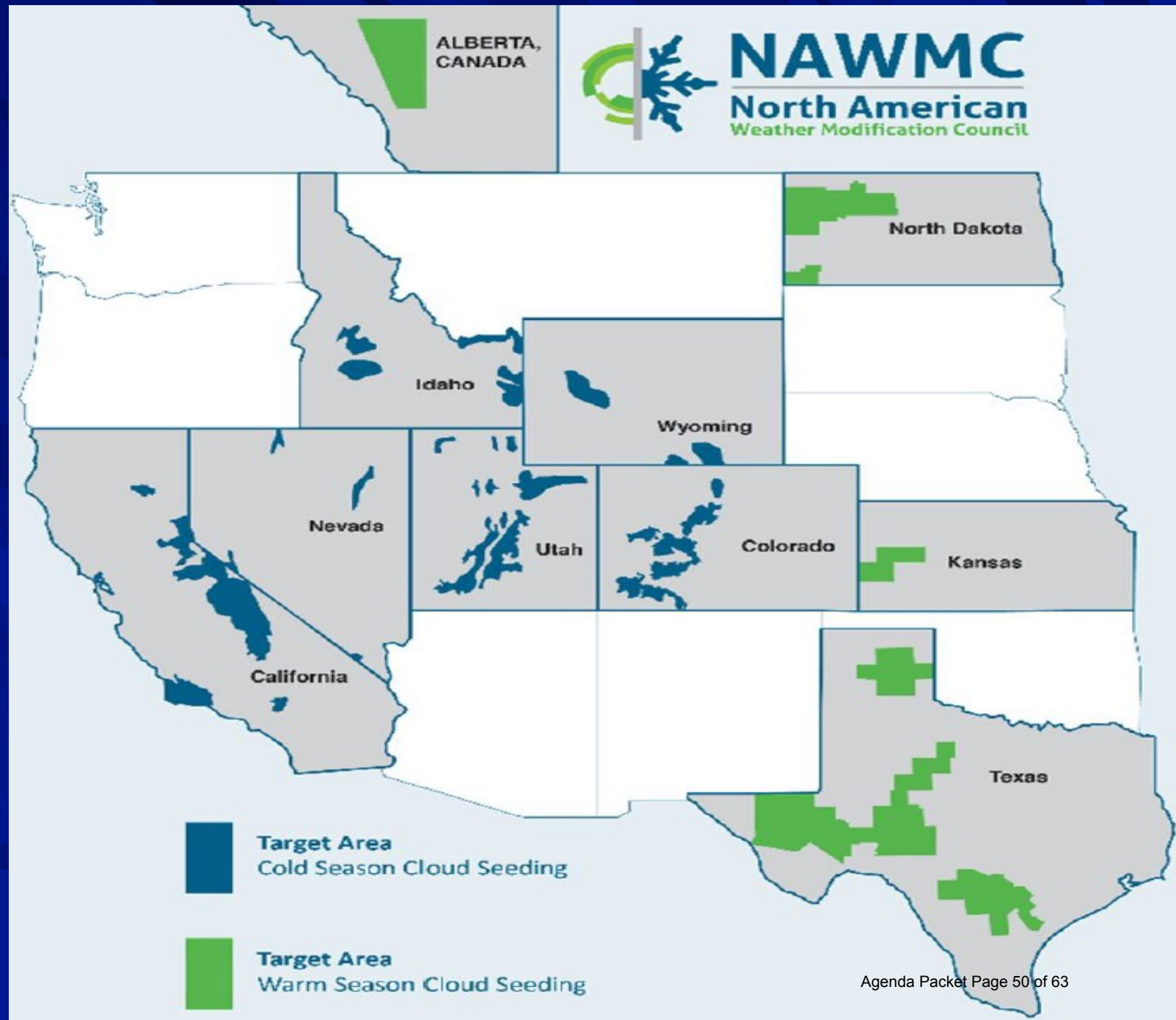
- Ski areas, Power Utilities
- Water Resource Agencies
- Conservation and irrigation districts
- Research institutes

Average Costs

- \$4-\$40/AF, including planning



North American Projects



Licensing and Permitting

- Operators are licensed and carry liability insurance
- Suspension criteria turns off program during high precip/flood conditions
- Though no CA state permit required, CEQA mitigated negative declaration will be conducted
- There have been no successful legal challenges to any operation in US for over 50 years



Potential Environmental Effects

- Silver iodide is not soluble or biologically available
- 50 years of physical, biological, aquatic, soils and vegetation studies found:
 - Subtle or indiscernible effects
 - Potentially beneficial (more runoff)
- Strong studies with credible results and regulations reflect recent research



Potential Health Effects

- Silver Iodide (Agl)
 - Not been measured above background
- Human effects
 - No effects found in 50 years
 - More silver exposure in tooth fillings
 - More iodine in table salt on food
- Concentrations
 - EPA drinking water quality 0.1 mg/L
 - U.S. Public Health Service level 0.05 mg/L
 - Seeded rainfall is 0.1 mcg/L or 1000 times less than EPA standard



Ground Based Seeding Methods

CNG's (Cloud Nuclei Generators)



- Ideal for orographic lift (winds caused by land barriers)
- Create a continuous plume
- Inexpensive to install and operate

AHOGS (Automated High Output Ground Seeding) Systems



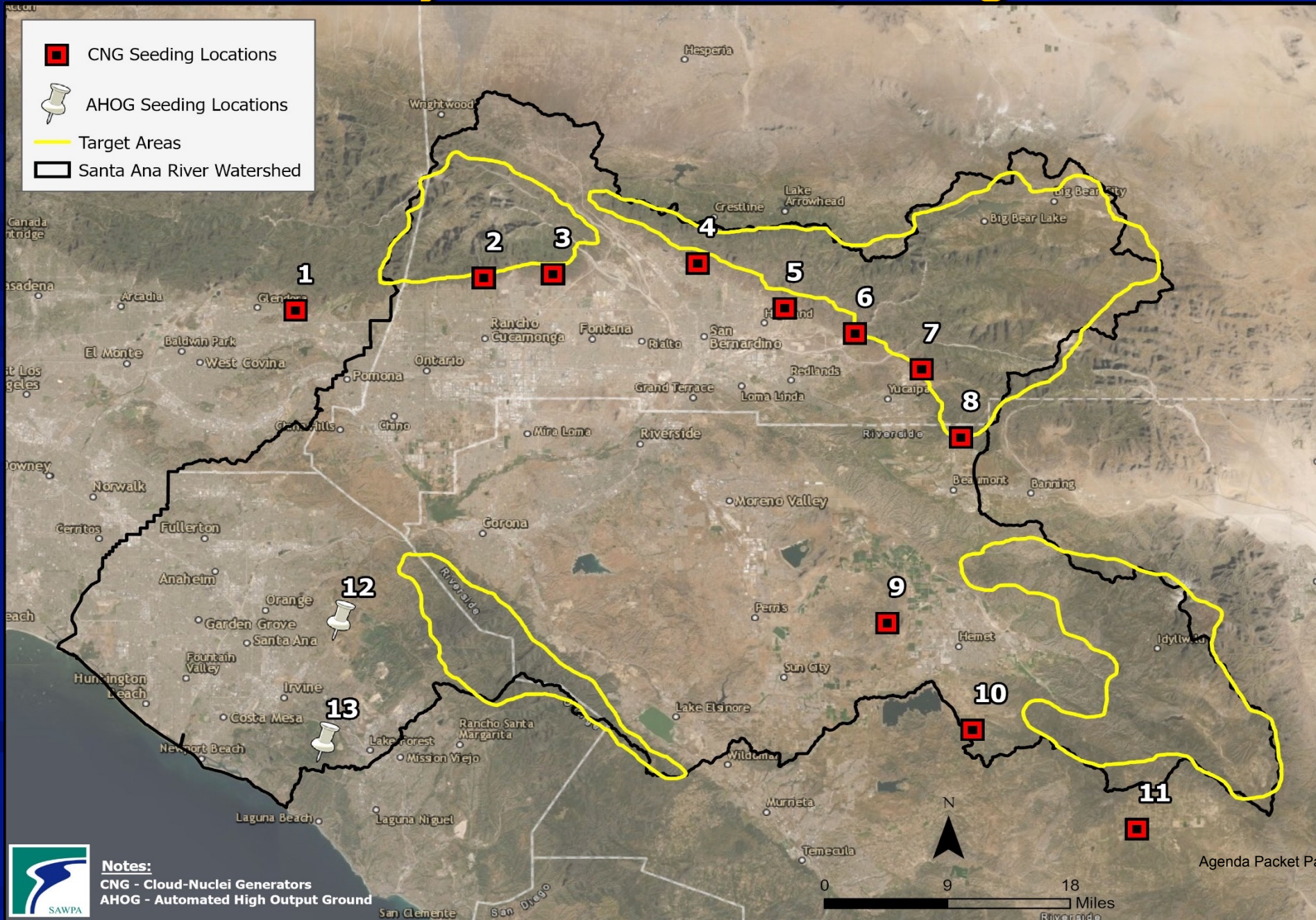
- Ideal for strong convective storm attributes (turbulence)
- Delivers higher concentration of AgL
- Operated remotely – rapid release

Why consider pilot program now?

- Drought conditions continuing – New Normal?
- Costs for 8-11% increase in precipitation and streamflow is less than 1/10th the cost of imported water
- Local water storage has been effective, but more can be done – Tree rings show historical CA 40-50 year drought periods
- Four-year pilot program with validation evaluation would ensure effectiveness in Santa Ana River Watershed



Preliminary Ground Seeding Sites



Notes:
CNG - Cloud-Nuclei Generators
AHOG - Automated High Output Ground

Total Projected Increases

Ground Only Seeding

Target Area	Seasonal Precip. Increase (inches)	Percent Increase	Avg. Natural Streamflow (AF)	Streamflow Increase (AF)	Percent Increase
NW	0.41	3.5%	25,000	2,043	8.2%
NE	0.49	4.1%	65,000	4,330	6.7%
SW	0.59	3.7%	5,000	447	9.0%
SE	0.49	4.5%	10,000	1,373	13.7%
TOTAL w/ Ground Only			105,000	8,193	7.8%

With Aerial Support in the NE Target

Target Area	Seasonal Precip. Increase (inches)	Percent Increase	Avg. Natural Streamflow (AF)	Streamflow Increase (AF)	Percent Increase
NW	0.41	3.5%	25,000	2,043	8.2%
NE	0.89	7.3%	65,000	7,772	12%
SW	0.59	3.7%	5,000	447	9.0%
SE	0.49	4.5%	10,000	1,373	13.7%
TOTAL			105,000	11,635	11.1%

Estimate for Pilot – Ground Based

	Rate	Frequency	
Annual Operations			
Set Up	\$ 33,500	1	\$ 33,500
Take Down	\$ 24,000	1	\$ 24,000
Reporting	\$ 10,000	1	\$ 10,000
Monthly Operations			
Fixed Services	\$ 24,500	5	\$ 122,500
Variable Items (timed expenses are billed on a per hour basis)			
Ground Flares	\$ 110	60	\$ 6,600
Generator Run Time	\$ 19.50	600	\$ 11,700
Flight Time	\$ 375	N/A	-
Aerial Flares	\$ 110	N/A	-
TOTAL			\$ 208,300
COST PER ACRE-FOOT			\$ 25.42
Benefit to Cost			10.03

Cost per acre-foot (AF) =
Total Program Cost / Estimated AF produced

$$\$208,300 / 8,193 \text{ AF} = \$25.42 \text{ per AF}$$

Benefit to Cost Ratio =
Cost of Untreated Imported Water per AF / Cost of Cloud Seeding per AF

$$\$255 \text{ per AF} / \$25.42 = 10.03$$

Pilot Program Schedule

Program Element	2020	2021	2022	2023	2024	2025	2026
Feasibility Study	Active	Completed	Completed	Completed	Completed	Completed	Completed
Outreach for Local Funding Commitments	Completed	Active	Completed	Completed	Completed	Completed	Completed
Ground Seeding Site Analysis	Completed	Active	Completed	Completed	Completed	Completed	Completed
CEQA	Completed	Completed	Active	Completed	Completed	Completed	Completed
Grant Application	Completed	Completed	Active	Completed	Completed	Completed	Completed
Commence 4 Year Pilot Program	Completed	Completed	Completed	Active	Active	Active	Active
Outreach and Public Engagement	Completed	Active	Active	Active	Active	Active	Active

Next Steps

- Continue briefings to interested governing bodies and agencies in watershed
- SAWPA Commission authorized the following:
 - Study of Ground Based Seeding Unit Sites and Access
 - CEQA Mitigated Negative Declaration
 - Seek DWR grant to cover 50% of pilot program
- Potential cost share partner agencies and companies who may benefit are being approached by SAWPA



Questions?

Item Title: Buy Back Policy for Vacation Leave

Purpose:

To clarify the previously approved Vacation Buyback Policy.

Issue:

Should Administrative Leave and Personal Holidays be included when calculating time off during the past year?

Manager's Recommendation:

Include Administrative Leave and Personal Holidays when calculating time off used during the past year.

Background:

In April of 2021 the Board approved a Vacation Buyback policy that allows employees to cash in unused vacation once a year, during the month of December. The stipulations are that the employee must leave a minimum 40 hours of vacation on the books and that only ½ of the vacation used during the past year can be cashed-out. The intent of the buyback policy was to encourage employees to use their vacation hours for the intended rest and relaxation while also recognizing that scheduling time off can be problematic in a small company environment where all hands are regularly needed.

Accumulation of time-off can bump up against accrual caps, creating a situation where an employee may lose future benefits (accrual stops) because company workload inhibits the desired time-off.

When originally developing the buyback program staff unintentionally overlooked Personal Holidays or Administrative Leave, even though those time-off benefits have similar definitions and expectations as Vacation time off.

From the Employee Handbook,

"Vacation:

The Company grants regular full-time and regular part-time employees paid vacation to provide you with time to rest and relax away from work or to address other personal needs....

...The maximum number of Vacation hours you may accrue is 300. When you reach the maximum allowable vacation accrual, no further leave will accrue until your balance is reduced below the maximum allowed....

...Upon separation of employment from the Company, you will be paid for all unused accrued vacation time."

"Personal Holidays:

The Company grants 32 hours of personal holiday paid time off on January 1 of each calendar year to regular, full-time employees....

... Personal holiday time off may be used for any purpose, including special occasions, such as a birthday, anniversary or religious holiday, or to extend your normal holiday or vacation...

...If you have a remaining balance of personal holiday time off on December 31, you will only be awarded on January 1 of the next calendar year the number of additional hours that will bring you to a total of 32 hours...

...Employees who terminate employment during the calendar year will be paid for any unused personal holiday hours.”

“Administrative Leave:

The Company understands that management and other exempt employees are expected to work the necessary hours to successfully accomplish assigned work responsibilities, even when this exceeds the normal workweek. In recognition of this requirement, the Company provides management and other exempt employees with administrative leave which may be used for any purpose including vacation, sick leave and other personal time off requirements...

... Management and exempt employees covered by this policy are awarded 40 hours of paid administrative leave on January 1 of each calendar year...

... If you have a remaining balance of administrative leave time on December 31, you will only be awarded on January 1 of the next calendar year the number of additional hours that will bring you to a total of 40 hours...

... Employees who terminate employment during the calendar year will be paid for any unused administrative leave time.”

Impact on the Budget:

Vacation buy-back - \$0 – \$10,000

Previous Actions: Vacation Buyback Policy approved in April 2021