



CITY OF PRESCOTT COUNCIL SUBCOMMITTEE ON WATER ISSUES MEETING

REGULAR SUBCOMMITTEE MEETING AGENDA

TUESDAY, NOVEMBER 3, 2020, 9:30 AM

201 S. Cortez Street
Prescott, AZ 86303
Council Chambers

Councilman Steve Blair - Chairman

Mayor Pro Tem Billie Orr - Member

Councilman Steve Sischka - Member

The following Agenda will be considered by the Prescott **Council Subcommittee on Water Issues** at its **Regular Subcommittee Meeting** pursuant to the Prescott City Charter, Article II, Section 13. Notice of the meeting is given pursuant to Arizona Revised Statutes, Section 38-431.02. One or more members of the Council may be attending the meeting through the use of a technological device.

VIEWING & COMMENTING OPTIONS

This meeting may be viewed on Channel 64, and Facebook Live as well as on the City's website: [City of Prescott Live Video](#)

Or Via Zoom at [Zoom Video Link](#)

Comments from the public may be submitted through the City website: [Public Comment Card](#)

1. CALL TO ORDER

2. ROLL CALL

Chairman Steve Blair

Member Billie Orr

Member Steve Sischka

3. PUBLIC COMMENT

Public comment will be accepted following each agenda item and limited to three (3) minutes. Please complete a comment card and return it to the City Clerk, speakers will be called in the order received.

4. DISCUSSION & ACTION ITEMS

- A. Approval of the October 6, 2020 Meeting Minutes.

Recommended Action: MOVE to approve the October 6, 2020 minutes as presented.

- B. Water Requests - Approval of Water Service Application No. WSA20-007 Submitted by Chamberlain Development Prescott for APN 102-20-001G.

Recommended Action: MOVE to recommend Council approval of Water Service Application No. WSA20-007.

- C. Infrastructure Topic - Pumping vs. Recharge January to September 2020 Update

Recommended Action: This item is for discussion only. No formal action will be taken.

- D. Focus Topic – Arizona Department of Water Resources (ADWR) Management Plans Workgroup Update.

Recommended Action: This item is for discussion only. No formal action will be taken.

5. ADJOURNMENT

EXECUTIVE SESSION

Upon a public majority vote of a quorum of the City Council, the Council may hold an executive session, which will not be open to the public, regarding any item listed on the agenda but only for the following purposes:

- (1) Discussion or consideration of personnel matters (A.R.S. §38-431.03(A)(1));
- (2) Discussion or consideration of records exempt by law (A.R.S. §38-431.03(A)(2));
- (3) Discussion or consultation for legal advice with the city's attorneys (A.R.S. §38-431.03(A)(3));
- (4) Discussion or consultation with the city's attorneys regarding the city's position regarding contracts that are the subject of negotiations, in pending or contemplated litigation, or in settlement discussions conducted in order to avoid litigation (A.R.S. § 38-431.03(A)(4));
- (5) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations with employee organizations (A.R.S. §38-431.03(A)(5));
- (6) Discussion, consultation or consideration for negotiations by the city or its designated representatives with members of a tribal council, or its designated representatives, of an Indian reservation located within or adjacent to the city (A.R.S. §38-431.03(A)(6));
- (7) Discussion or consultation with designated representatives of the city to consider its position and instruct its representatives regarding negotiations for the purchase, sale or lease of real property (A.R.S. §38-431.03(A)(7)).

THE CITY OF PRESCOTT ENDEAVORS TO MAKE ALL PUBLIC MEETINGS ACCESSIBLE TO PERSONS WITH DISABILITIES. With 72 hours advanced notice, special assistance can be provided for sight and/or hearing-impaired persons at this meeting. Reasonable accommodations will be made upon request for persons with disabilities or non-English speaking residents. Please call the City Clerk (928) 777-1272 to request an accommodation to participate in this public meeting. Prescott TDD number is (928) 445-6811. Additionally, free public relay service is available from Arizona Relay Service at 1-800-367-8939 and more information at www.azrelay.org

Confidentiality

Arizona statute precludes any person receiving executive session information from disclosing that information except as allowed by law. A.R.S. §38-431.03(F). Each violation of this statute is subject to a civil penalty not to exceed \$500, plus court costs and attorneys' fees. This penalty is assessed against the person who violates this statute or who knowingly aids, agrees to aid or attempts to aid another person in violating this article. The city is precluded from expending any public monies to employ or retain legal counsel to provide legal services or representation to the public body or any of its officers in any legal action commenced for violation of the statute unless City Council takes a legal action at a properly noticed open meeting to approve of such expenditures prior to incurring any such obligation or indebtedness. A.R.S. §38-431.07(A)(B).

CERTIFICATION OF POSTING OF NOTICE

The undersigned hereby certifies that a copy of the foregoing notice was duly posted at Prescott City Hall on _____ at _____ m. in accordance with the statement filed by the Prescott City Council with the City Clerk



Sarah M. Siep, City Clerk

**COUNCIL AGENDA MEMO**

MEETING TYPE/DATE: **REGULAR SUBCOMMITTEE MEETING** **11- 3-20**

DEPARTMENT: **City Clerk**

AGENDA ITEM: Approval of the October 6, 2020 Meeting Minutes.

ITEM SUMMARY

Attached for approval are the Council Subcommittee on Water Issues minutes for the October 6, 2020 meeting.

BACKGROUND

None.

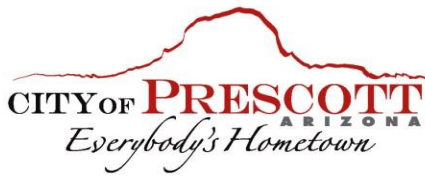
FINANCIAL IMPACT

None.

Recommended Action: MOVE to approve the October 6, 2020 minutes as presented.

ATTACHMENTS

1. [October 6, 2020 Meeting Minutes.pdf](#)



COUNCIL SUBCOMMITTEE FOR WATER ISSUES MEETING

SUBCOMMITTEE MEETING MINUTES

TUESDAY, OCTOBER 6, 2020, 9:30 AM

Council Chambers, 201 South Cortez Street
Prescott AZ 86303
(928) 777-1272

Steve Blair, Councilman
Steve Sischka, Councilman Billie Orr, Mayor Pro Tem

MINUTES OF THE CITY OF PRESCOTT COUNCIL SUBCOMMITTEE FOR WATER ISSUES HELD ON OCTOBER 6, 2020, IN THE COUNCIL CHAMBERS LOCATED AT 201 South Cortez Street, PRESCOTT, ARIZONA.

1. Call to Order

Chairman Blair called the meeting to order at 9:33 a.m.

2. Roll Call

Present:

Chairman Steve Blair

Member Billie Orr - arrived at 10:39 a.m.

Member Steve Sischka

3. Public Comment

None.

4. Approval of the September 1, 2020 Meeting Minutes

**MEMBER SICHSKA MOVED TO APPROVE ITEM 4; SECONDED BY
CHAIRMAN BLAIR: PASSED [2-0].**

5. Approval of Water Service Application No. WSA20-006 from Brandon Shoults Representing Yavapai County Facilities for Commercial Supplies on APNs 105-04-011G, 105-06-003H, and 105-06-003B.

Water Resource Project Manager Leslie Graser provided a presentation to the Subcommittee regarding WSA20-006 for water at the Yavapai County Justice Center. The County is looking at build out for property with 600 bed jail, 2 court chambers and offices on a total of 58 acres. Usage for the total facility is approximately 58 acre feet at buildout, with approximately 12.2 acre feet in Phase 1. This

has gone through the application checklist and will move forward to Council for final approval.

**MEMBER SISCHKA MOVED TO RECOMMEND WSA NO. 20-006 TO COUNCIL;
SECONDED BY CHAIRMAN BLAIR: PASSED [2-0].**

6. Infrastructure Topic - Pumping vs. Recharge January to August 2020 Update

Water Resource Project Manager Leslie Graser provided a presentation to the Subcommittee regarding the most recent recharge and pumping update. Through the months of June, and July and year to date recharge is greater than pumping, August saw a shift due to dryness but staff will continue looking at the numbers for the balance of the year.

Chairman Blair asked what these numbers can tell us about how much outdoor watering is happening.

Ms. Graser commented that you can see from the charts that outdoor water does increase during this time of year and does fluctuate throughout.

Member Sischka asked what amount is normally pumped annually by the city.

Ms. Graser commented that our numbers are typically in the high 6000s, but this summer has been dry which is why numbers are higher and above 7000 this year.

Councilman Blair asked staff what ADWR has directed that we are allowed to pump.

Ms. Graser responded that with the Big Chino we are allotted 14,000 acre feet per year and without 11,000 per year. **Please note: staff later corrected that with the Decision and Order information on file, pumping allowed with the Big Chino is 24,574.84 acre feet and 16,507.44 acre feet without.**

This item was for discussion only, no formal action was taken.

7. Conservation Topic - Updates

Water Resource Project Manager Kay Sydow provided a presentation to the Subcommittee regarding ongoing conservation outreach. Rebate cards presented to the Subcommittee at the September meeting were sent to homeowners on septic systems.

Chairman Blair asked if the distribution was focused on a particular area of the city and if it is possible to do that. He also asked if it is possible to track the responses we receive from these cards.

Ms. Sydow said that they were not focused on a certain area specifically and that the homeowners are directed to contact her so she is keeping track of their responses and has received approximately a dozen so far.

Finance Director Mark Woodfill added that if the Subcommittee wanted things to be sorted in a specific way that could be done.

Public Works Craig Dotseth commented that the only addresses that are receiving the postcards are home that have water service but not sewer, so they are focused on those areas.

Member Sischka asked how much water is being sent to these residences cumulatively to help determine what is not being recharged.

Mr. Woodfill responded that staff is currently cleaning up their query of the unsewered accounts, and will be able to provide that information at the next meeting. Lower water users because the water is 30% more expensive if you are out of the city.

Ms. Sydow continued the presentation regarding reaching out to HOMEco about information for their newsletter and stated that she will be checking with the other HOAs to see how they want to receive the information so that can all be put together and distributed.

Mr. Woodfill took over the presentation with discussion regarding the Subcommittee's September request to have information included on customer utility bills.

City Utility Bills:

- * Water, wastewater, trash services bill
- * Additional items - street light fee, landfill closure fee, aquifer protection fee, connect and disconnect information and additional trash services
- * Staff prepares 300,000 bills annually
- * Bills are delivered - 17% email, 83% through mail (cost to print/mail is through USPS at \$115k annually)
- * Trying to get more people to an ebill
- * Bills paid through - banking website Ebox (33%), ACH - automatic payment (32%), USPS (17%), city website (10%), and counter (8%)
- * 78% of water customer are signed up and can access their account online (this is a better way to track their conservation and see what they are paying for)

Only have room on the bill to print out a portion of the information that makes up the bill. Graph at the bottom of the bill has been on it for 23 years and changes from time to time, try to keep it simple with useful information (formally had "class average" on that graph as well) - last year consumption compared to this year's consumption. Contains footnotes on the back of the bill as well. Mr. Woodfill continued with a website demo for the Utility Billing Self Service area where information could be listed to show consumption and update how their bill is received and paid, provides meter reading radio reads when we get there. Typically use the message box on the bill to encourage electronic billing.

Member Sischka commented that he feels this would be really beneficial in areas where the residents are taking a lot of vacations and said that we need to keep in mind the best ways to make the system better when it comes to conserving water.

Mr. Woodfill concurred. We also have clients that receive ebill and paper bill and 75% of our users do not mail us payments but do it digitally. Improving our reading and metering system will make a big impact in providing customers the data to help them change their behaviors by getting them online where they can see much more information. Goal would be to help people find leaks, etc.

Chairman Blair commented that he would like both the digital platform and physical bills to say “Prescott is a Water Smart Community” and contain pertinent website links.

Mr. Woodfill reiterated that there are many benefits to having customers on the electronic payment option and staff will continue pushing that.

Mr. Dotseth asked if there is a place on the login screen where messaging could be placed.

Mr. Woodfill confirmed that there is and messaging could be added at the beginning or the text can be updated throughout.

Chairman Blair stated all of these things would be beneficial to do.

Member of the public Leslie Hoy addressed the Subcommittee regarding PBS programs “Hacking your Mind” about how humans think and encouraging positive behavior changes and keeping up with the Joneses. Keeping the “class average” would be a positive thing to have on there and that stories are also very popular and communicating conservation stories could be compelling to assisting with that messaging.

This item was for discussion only, no formal action was taken.

8. Memberships Topic: Updates

Water Resources Project Manager Leslie Graser provided a presentation to the Subcommittee regarding memberships with Coalition and NAMWA.

The Coalition received a grant in the amount of \$2.7million from USDA for 5 year project beginning in 2021. Biomass in the Big Chino Area, optimization of groundwater recharge and new techniques as well as rainwater harvesting. Will have Technical Group Meeting October 7th regarding grant funding and how it will be utilized. Members include Prescott, Prescott Valley, Chino Valley, Yavapai County and the Yavapai Prescott Indian Tribe and has been in place since 2006.

Municipal Water Users Association is the collective voice for water policy in Northern Arizona (similar associations in other areas of AZ) and includes Prescott, Prescott Valley, Chino Valley, Flagstaff, Clarkdale, Cottonwood, Camp Verde and AZ Water Co of Sedona. Payson has left the group. Been watching ADWR Meetings regarding Governor’s appointed Council regarding water management plans and long term augmentation, non AMA groundwater group and desalinization. Focusing on tribal water at this time, Lake Powell pipeline. All information is available to the public. NAMWA is

looking at non-Indian water 4th priority off Colorado River that was supposed to be reallocated in phases to rural AZ; filed letter with Dept. of Water Resources to extend the reallocation of water supply to 2050 and dedicated water to storage in Lake Mead. Conference proposed for May 2021 which is intended for water managers and operators and a Board Meeting is scheduled for October 16th at 10 am in Clarkdale.

Member Sischka asked if any of the five AMAs in the state have an official organization attached to them or a body that meets specifically to deal with issues.

Mr. Graser responded that the groundwater users advisory council appointed by the Governor does this and works with withdrawal fees in addition to issues facing AMAs.

This item was for discussion only, no formal action was taken.

9. Focus Topic - Comprehensive Agreement No. 1 Annual Report Presentation

Water Resources Project Manager Leslie Graser provided a presentation regarding the Comprehensive Agreement No. 1 Annual Report. July 1, 2019 through June 1, 2020. This report stems from many actions beginning in 1980, and was completed Sept. 30th containing information regarding water in the area. Overarching issue is the city needs to acquire additional physical water supply because of safe yield which lead to SRP litigation and then moved into Comprehensive Agreement No. 1 and working in a cooperative manner to protect headwaters of the Verde. Group has been active putting together virtual meetings and agency stakeholders meeting in July to review several contracts with USGS and ADWR for well monitoring. In a development period and all three parties will present information on websites, etc. including the positive financial summaries and progress of the ongoing Modeling project.

Member Orr asked why there is a difference in the payment from Prescott vs Prescott Valley.

Ms. Graser responded that the fees are based on the original IGA and percentage of ownership.

Chairman Blair asked if it is possible to share any information coming out of the modeling and the wells that are being monitored 24 hours a day.

Ms. Graser said that we are not there yet, the model is being built and will be looking at December 2021 for completion and at that time we would be able to put out the numbers from the modeling. This is a data intensive project and once the modeling is available decisions will need to be made regarding what they would like to do with the information. Will have framework of model and how it is collaborated to look at the targets (Technical Memo 8).

Member Sischka stated that this process will provide valuable information for drought years and will allow us to show that the aquifer and impact on the Verde is viable even with the droughts that will give us a more accurate picture.

Ms. Graser agreed and added that looking at all of these patterns over the long term will be beneficial and lead to larger discussions.

Member Orr asked if there is any concern with the crops that are being looked at around the Verde.

Ms. Graser commented that there is but that much of that chatter has died down since 2010, USGS is looking at those areas and the reports are online.

Chairman Blair asked if staff will be providing this information as a Council Study Session and added that he would like a hard copy of the information for all of Council so they can be prepared when it is time for a presentation.

Ms. Graser responded that it is a little early for that, but when we get closer to the model completion we can do that. Will provide the info on the city website and hard copies for Council as well. She reiterated that this report is an annual report and not a final report.

Chairman Blair commented that water has long been an issue in the state and Prescott has one of the best portfolios in the state and we have to keep it up.

Member of the public Leslie Hoy addressed the Subcommittee and asked if the Technical Memos are public, if the climate projects will be part of modeling and if the website reports could be updated to be listed in sequential order in one section.

Ms. Graser responded that the Technical Memos are all held in draft and are not available because modeling is not complete, precipitation variability is part of the project and is wish list to add in to the model. She added all annual reports are lumped together on the website and reviewed where those could be found.

This item was for discussion only, no formal action was taken.

10. Adjournment

There being no further business to discuss, Chairman Blair adjourned the meeting at 11:11 a.m.

STEVE BLAIR, Chairman

Respectfully Submitted by:

Sarah M. Siep, City Clerk



COUNCIL AGENDA MEMO

MEETING TYPE/DATE: **REGULAR SUBCOMMITTEE MEETING** **11- 3-20**

DEPARTMENT: **Water Resources**

AGENDA ITEM: Water Requests - Approval of Water Service Application No. WSA20-007 Submitted by Chamberlain Development Prescott for APN 102-20-001G.

ITEM SUMMARY

Water Service Application No. WSA20-007 was filed on September 1, 2020, see attachment 1. The applicant is seeking water supplies for a project named the Headquarters which will be an amenity for the Deep Well Master Planned Community. The Headquarters community facility will be phased, with Phase 1 consisting of a large, enclosed ramada (max capacity of 99 people), restroom facilities, approximately 0.22 acres of turf landscaping, and food truck parking. The overall site is 4.35 acres, see attachment 2.

BACKGROUND

City of Prescott Water Management Policy (WMP) adopted on November 19, 2019, includes a Water Connection Policy. A water demand analysis, for Phase 1 only, was performed by a civil engineer at the applicant's expense (Attachment 3) resulting in an Average Daily Usage of 4,731 gallons/day (3.96 acre-feet/year). The water demand for this project was calculated by irrigation professionals and City of Prescott General Engineering Standards.

This project is on lands associated with the James Deep Well Ranches 1 and 2 contract which was amended (City Contract No. 2010-086A3) on October 13, 2020. This third amendment allows for the property owner to seek all water for any non-residential, hospitality or open space/civic development within the boundaries of the Agreement and the Deep Well Master Plan area from the City's portfolio and will not be deducted from the Deep Well Ranch water reservation.

The WMP sets forth a Water Application Procedure for Projects within City Limits requiring more than 2 AF/year. The applicant has completed the following:

Contact Community Development for instructions on how to proceed	Completed
Attend Pre-Application Conference	8/6/20

Submit all required applications	Completed
Complete the platting process, if required	N/A
Present the project to the Subcommittee for Water Issues	11/3/2020
City Council will consider the proposed project and water use	TBD

FINANCIAL IMPACT

No financial impact related to this item.

Recommended Action: MOVE to recommend Council approval of Water Service Application No. WSA20-007.

ATTACHMENTS

1. [WSA20-007 APPLICATION.pdf](#)
2. [Location Map_Headquarters.pdf](#)
3. [WSA20-007 WATER DEMAND CALCS.pdf](#)



WATER SERVICE AGREEMENT APPLICATION

Water Resource Management Division
201 S. Cortez St., Prescott, AZ 86303
(P) 928.777.1645 (F) 928.777.1255

Please complete the form and submit a legible legal description on a separate sheet of paper as well as a site plan of the subject property with proposed improvements. Submit all documents and the filing fee directly to the Community Development Department at 201 S. Cortez St, Prescott, AZ 86302.

APPLICANT INFORMATION

Applicant:	Chamberlain Dev. Prescott	Contact Person:	Vic Chapman
Address:	1050 W Washington St. Ste. 214	City/State/Zip:	Tempe AZ 85281
Phone:	602-989-2488	Email:	vchapman@sunstatebuilders.com

Property Owner:	Chamberlain Dev. Prescott	Contact Person:	Vic Chapman
Address:	1050 W Washington St. Ste. 214	City/State/Zip:	Tempe AZ 85281
Phone:	602-989-2488	Email:	vchapman@sunstatebuilders.com

PROJECT SITE

Address:	SWC of Willow Creek Road and Warrior Way		
Current Zoning:	SPC	Proposed Zoning:	N/A
Assessor's Parcel Number(s) of Existing Property:	102 - 20 - 001G		
Existing Water Service (Y/N):	Y	Existing Sewer Service (Y/N):	Y
Existing Well (Y/N):	N	If Yes, Well Registry No.:	

PROJECT DESCRIPTION

Is the project Residential or Commercial?	Park - Commercial
Please provide brief description:	The Headquarters is an amenity for the Deep Well Ranch Master Planned Community which includes a park, an enclosed Ramada, food truck court and other activities.

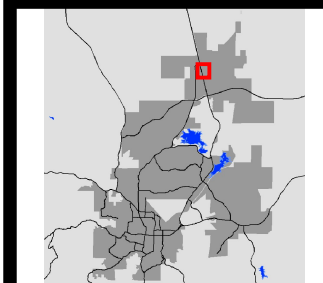
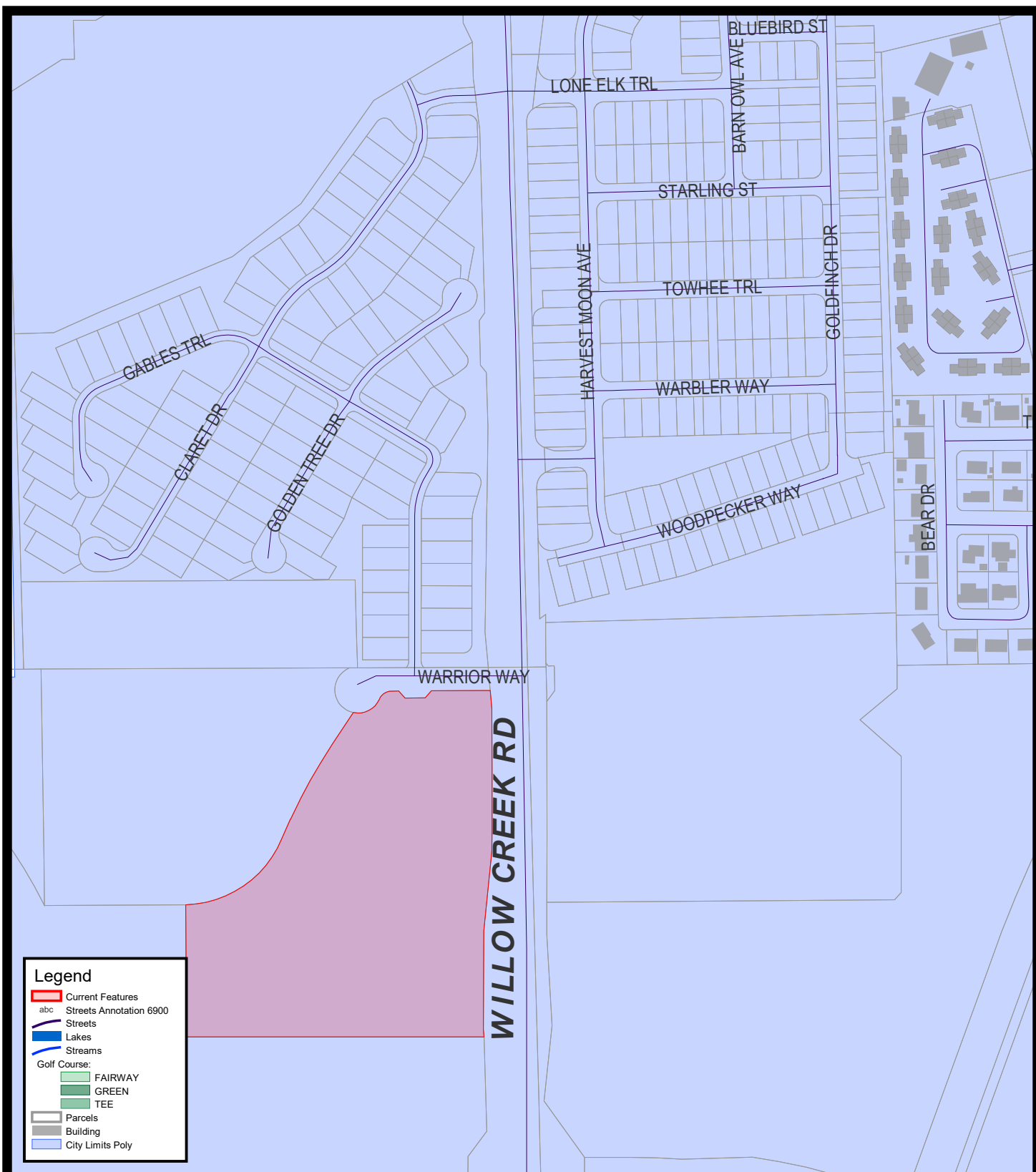
# of Proposed Units:	0	# of Proposed Lots:	0
Has a Water Demand Analysis been completed (commercial)?	yes		
Has a building permit application been submitted?	yes		
Has a Planning and Zoning Recommendation been made?	no		

Applicant Signature: [Signature]

Date: 9/1/20

OFFICE USE ONLY

DATE:	PERMIT #: WSA18-	FEE PAID:	ACCELA:	Legal Attached:
SITE PLAN:	BUILDING PERMIT:	PRELIMINARY PLAT:		



The Headquarters
at Deep Well Ranch

APN 102-20-001G

This map is a product of
The City of Prescott

**CITY OF PRESCOTT
DEEP WELL RANCH
HEADQUARTERS
WATER DEMAND CALCULATIONS**

PREPARED FOR:

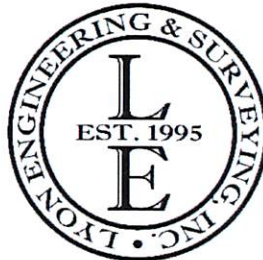
Chamberlain Development Prescott, LLC.
1050 W Washington Street, Ste 214
Tempe, AZ 85281

PROJECT CONTACT:

Vic Chapman

PREPARED BY:

Lyon Engineering and Surveying, Inc.
1650 Willow Creek Road
Prescott, AZ 86301



DESIGN: Scott A. Lyon, P.E.
DATE: August 21, 2020

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Appendix:

- Appendix A:
 - Proposed site plans and building floor plans

1. Introduction

1.1 Purpose:

This report will quantify the water usage of Headquarters at Deep Well Ranch (HQ) for the service provider, the City of Prescott. HQ contains approximately 4.35 acres, located in a portion of Section 35, township 15N, Range 2 West at the southwest corner of Warrior Way and Willow Creek Road. This water demand analysis is for Phase 1 of the community facility that will host different activities. Phase 1 will include a large ramada, restroom facility, food truck parking, dog park, picnic area, and outdoor recreation activities. The site is located within Pressure Zone 12 which is feed by the water tank located in Granite Dells Estates. Those proposed improvements include the installation of a twelve-inch water main from its north boundary through the parking lot to the southern boundary, for future development within Deep Well Ranch.

2. Water System Demands

2.1 Demands:

There will be three primary uses of water at the HQ. these uses include the proposed turf fields, the ramada area and restrooms, and the food truck service. The ramada and public restrooms include all the tables and seating proposed within HQ.

The first demand will be the turf landscaping. The combined area of the turf is 9,800 square feet. The average daily water usage would be 2,187 gallons according to Joe McNally with Terra Sole Outdoors. Assuming the turf will not be irrigated for two month of the year due to freezing temperatures, the yearly projected consumption for the turf will be 665,210 gallons, or 462 gallons per minute.

Type of Facility	Gallons Per day	Gallons per 10 Months	GPM
Turf (10 months)	2,187	665,210	1.27

The second demand will be for the HQ facilities (ramada, restrooms, and tables). The overall site is a recreational park as previously mentioned with a dog park, playground area, the ramada and picnic area. The ramada only a has a standard sink and a mop sink for cleaning. The restroom facility is consisting of four flush toilets, two urinals and four sinks. The ramada will have a max occupancy of 99 people, and this will be limited by the eighty-one (81) parking spaces required for the facilities. The people within the ramada will have to use the same restroom as other guest, and based on the City of Prescott GES Table 4-1, Unit Design Flow for Water, list two possible categories for HQ facilities. There is Picnic with Flush Toilets or Restroom, Public. The picnic category projects 24 gallons per day for each parking space. The public restroom projects 240 gallons per day per toilet.

Assuming the facility will be utilized approximately nine (9) months of the year, the calculations are as follows:

Type of Facility	Gallons Per day	Gallons per 9 Months	GPM
Picnic w/ toilets	1,944*	532,170*	1.01*
Restroom Public	960	262,800	.50

* - High proposed use, Picnic w/ toilets will be used for the calculations.

The third demand is for the food truck parking. It is unknown at this time the time or availability these vehicles will be on site, but we assume this will be based on demand. Our projections are the food trucks will be utilized mainly on weekends when the facilities will be used by the whole neighborhood. Based on the City of Prescott GES Table 4-1, Unit Design Flow for Water, we used the classification Recreation Vehicle with water and sewer connections. This table shows one hundred and twenty gallons per day per space. We assume the vehicle will be there only on weekends, Friday through Sunday, for a total of 156 days (52 weeks*3). LE assumes this facility will be utilized year-round based on the reduced appearances and there will be five spots for the vehicles. The projected water demand for these vehicles is as follows:

Type of Facility	Gallons Per day	Gallons per Year	GPM
Recreational Vehicle w/ Wat/Sew	600	93,600	0.18

Table 1-1: Summary of proposed Average Day Water Demands

Type of Facility	Water Demand (gallons/year)	Water Demand (GPD)	Water Demand (GPM)
Turf	655,210	2,187	1.27
Picnic w/ Toilet	532,170	1,944	1.01
Food Trucks	93,600	600	0.18
Total	1,290,980	4,731	2.30
	3.96 (acre-ft per year)		

3. Conclusion & References

The water distribution and supply for the HQ will be submitted with the proposed improvement plans. Based on the final site plan and defined building usage, the water demand for the HQ site will be 3.96 acre-feet a year. The water distribution infrastructure within HQ will have excess capacity for the proposed use.

References:

- City of Prescott "General Engineering Standards" dated 2016

**COUNCIL AGENDA MEMO**

MEETING TYPE/DATE: **REGULAR SUBCOMMITTEE MEETING** **11- 3-20**

DEPARTMENT: **Water Resources**

AGENDA ITEM: Infrastructure Topic - Pumping vs. Recharge January to September 2020 Update

ITEM SUMMARY

This is a standing item for the Subcommittee agenda. Updates on the City's pumping of water supplies and the recharge thereof will be provided each month as provisional. In July 2020, the Subcommittee reviewed pumping vs recharge for the last 5-years. At this and future meetings, updates will be provided for year-to-date, with this meeting's information for January – September. Due to a dry summer and recent newspaper articles on the reservoirs, additional information on each reservoir's water level has been added to this month memo.

BACKGROUND

Every year the City collects daily information on its water and wastewater systems. This data is compiled in various formats and subsequently used to meet Annual Water Withdrawal and Use reporting requirements to the Arizona Department of Water Resources (ADWR).

For pumping vs. recharge for Calendar Year 2020 – January through September, see attachment

Total pumped between January and September: 5,778.28 AF

Total recharged between January and September: 4,785.24 AF

FINANCIAL IMPACT

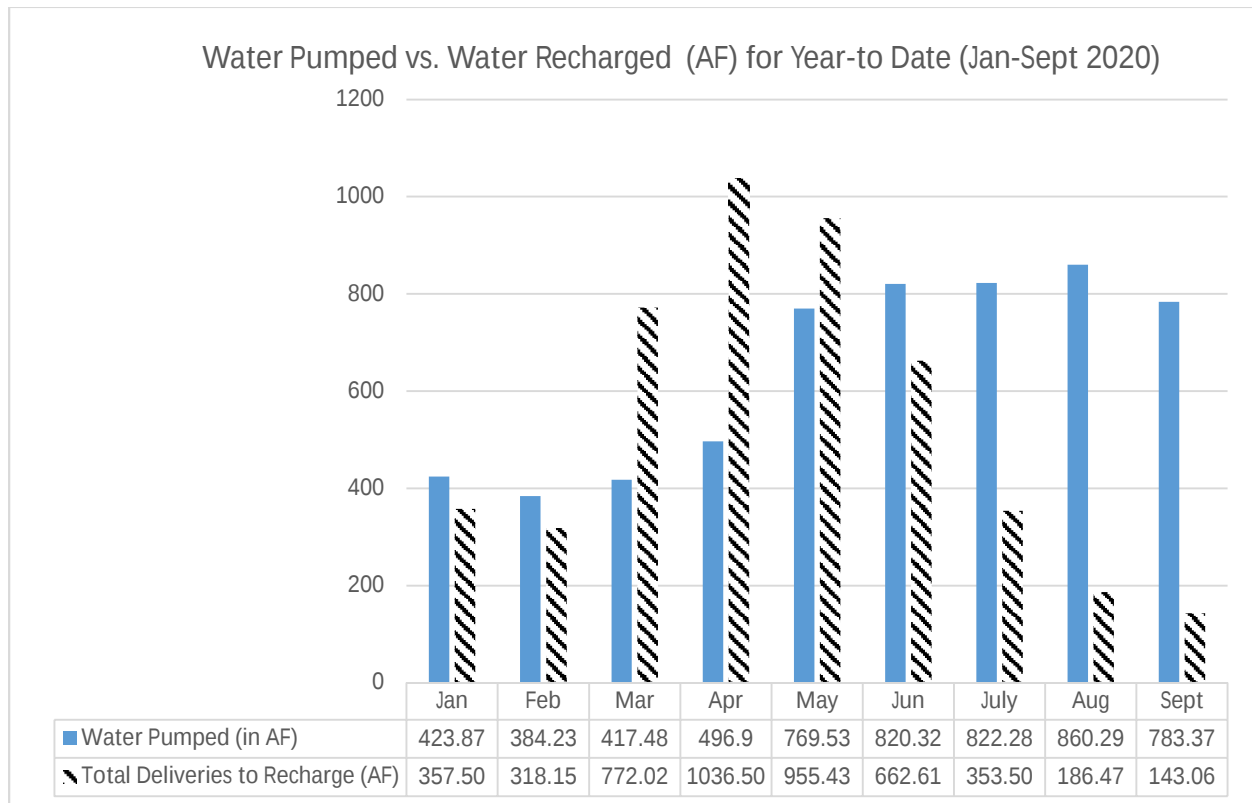
No financial impact related to this item.

Recommended Action: This item is for discussion only. No formal action will be taken.

ATTACHMENTS

1. Pumping vs. Recharge Graph

Attachment: Pumping vs. Recharge January through September 2020



Note 1: In accordance with A.R.S. §45-851.01(B), surface water supplies,

If water is stored pursuant to a water storage permit and its use is based on a decreed or appropriative water right, the approximate recoverable amount of water stored in a month shall be recovered on or before the last day of the following month or within the same calendar year, whichever is earlier, unless the water is credited to a long-term storage account as prescribed by section 45-852.01

Note 2: The City holds a non-recoverable long-term storage account for permanent recharge volumes (City Charter, Article I, Section IV).



COUNCIL AGENDA MEMO

MEETING TYPE/DATE: **REGULAR SUBCOMMITTEE MEETING** **11- 3-20**

DEPARTMENT: **Water Resources**

AGENDA ITEM: Focus Topic – Arizona Department of Water Resources (ADWR) Management Plans Workgroup Update.

ITEM SUMMARY

ADWR is working with various stakeholder groups within the regulated community as they synthesize and assess data to guide the development of the Fifth Management Plan (5MP). The compiled data is now available at <https://new.azwater.gov/ama/ama-data>. City staff will review how to access this information and discuss the information available for the Prescott AMA.

BACKGROUND

The Arizona Department of Water Resources has a 5MP focused work group called the Management Plan Work Group (MPWG). This MPWG is a stakeholder forum with a goal of working to assess existing conservation programs and to develop new management strategies for the 5th management period and beyond. The time line for the production of the 5MP:

- In 2020, MPWG completes program analysis and development
- In 2021, the 5MP document structure and content, and implementation and strategy are completed
- In 2022, the 5MP is promulgated with presentations to Groundwater User Advisory Councils and stakeholders
- In 2025, the 5MP Conservation Programs become effective on 1/1/2025

FINANCIAL IMPACT

No financial impact related to this item.

Recommended Action: This item is for discussion only. No formal action will be taken.