

Minutes of the Work Session held November 17, 2014 at 6:00 p.m. in the Council Chambers.

MEMBERS PRESENT

Mayor Kenneth N. Weise and Council Members

Frank Scott, Vice Mayor
David Iwanski
Stephanie Karlin
Bryan Kilgore
Jim McDonald
Charles Vierhout

ALSO PRESENT

David Fitzhugh, City Manager
Gina Ramos Montes, Assistant City Manager
Kevin Artz, Assistant City Manager
Barbara Chappell, Water Resources Manager
Dana Chamberlin, Traffic Engineer
Andrew McGuire, City Attorney
Carmen Martinez, City Clerk

1 ROLL CALL BY THE CITY CLERK

Vice Mayor Scott called the Work Session to order at 6:02 p.m. Mayor Weise arrived at 6:06 p.m.

2 UPDATE ON THE CITY OF AVONDALE WATER RESOURCES

Barb Chappell, Water Resources Manager, stated that Arizona has been engaged in water resource planning for many years, and despite news reports to the contrary, is not about to run out of water. In 1980, Arizona adopted the Groundwater Management Act (GMA), making it the first state to regulate groundwater resources. The GMA has three main goals, to control severe water overdraft, to provide a means of allocating limited resources, and to develop renewable supplies. The GMA also led to the creation of five Active Management Areas (AMA): Pinal, Phoenix, Prescott, Tucson, and Santa Cruz. AMAs are designed to address unique challenges associated with each of the five areas.

The City of Avondale is located within the Phoenix AMA, which requires that each development verify a 100-year assured water supply prior to construction. The Phoenix AMA also aims to reach safe yield by 2025, striking a balance between the amount of water being charged versus the amount being replenished. Pursuit of this goal has led to the concept of using an underground aquifer to store water resources. When the GMA was first enacted, the state was not utilizing its entire share of Colorado River water, so the Arizona Water Banking Authority (AWBA) and the Central Arizona Groundwater Replenishment Districts (CAGRD) were established to store water underground in an effort to help developers meet assured supply rules as cities grew into their allocations.

Ms. Chappell explained that there are two main sources of surface water available to Arizona: the Salt River/Verde watersheds and the Colorado River. The Law of the Colorado River determines how seven basin states plus Mexico share that resource. It defines who gets water, how much, and in what priority. Under that law, Arizona gets to keep its in-state stream flows.

Avondale's renewable supplies include the Central Arizona Project (CAP) allocation, the Salt River Project allocation, and water reclaimed by the City's Wolf Water Resource Center. In 2013, Avondale's service area had about 77,000 people, with a water demand of approximately 14,000 acre-feet. Avondale's current supply is just over 16,000 acre-feet. Excess water goes into the long-term storage account. Avondale's population is predicted to be 123,000 by 2030, which would generate a demand of just under 28,000 acre-feet. Based on the definition of an assured water supply, Avondale can expect 32,000 acre-feet in 2030.

Ms. Chappell explained that there is a 55% chance that Lake Mead could reach the first of three drought shortage thresholds by 2017, which would trigger a requirement that Arizona reduce deliveries of Colorado River water by 320,000 acre-feet. Making up this shortage would use all of the excess water stored by the AWBA and CAGRDR, and require additional cuts to agricultural water, but Avondale would not see a reduction in that scenario because of its higher priority with subcontractors.

Ms. Chappell said that if water shortages do become severe enough to impact Avondale, the first step would be to try to reduce demand through the many existing conservation programs and the City's four-stage drought plan, which requires City Council action to implement. If those measures do not balance supply with demand, the long-term storage accounts would be tapped. Currently, Avondale has 68,000 acre-feet in its account. The City also has a groundwater allowance balance of 120,000 acre-feet. If the City becomes a recovery partner with the CAP, Avondale would be given incentives to withdraw AMA bank water in shortage years to help cities that are dependent on wet water. Those withdrawals could be recovered by pumps and wells. Avondale is also currently involved in stakeholder processes such as Enhanced Aquifer Management, CAP Wheeling Agreements, and the CAGRDR Plan of Operations.

Ms. Chappell summarized that a drought would not automatically result in a water shortage. Avondale has a diverse portfolio of water supplies, valuable partnerships, and banked resources. The City will continue to plan and participate in efforts to preserve quality of life for citizens.

Council Member Karlin commended Avondale's active involvement in so many different water-related organizations. That effort has put the City in a good position to respond to drought situations. She inquired about water quality concerns related to Colorado River water. Ms. Chappell explained that the Yuma Desalting Plant was built to improve water quality entering Mexico and possibly even return some flow to Lake Mead. Council Member Karlin said Avondale is fortunate to have a 100-year water resources plan and to be located at the confluence of three rivers. She said federal legislators are not always aware of the concerns that people who live in the Southwest have regarding access to water, and inquired whether state leaders are doing anything to address that situation. Ms. Chappell responded that each year, Avondale works with the Arizona Municipal Water Users' Association (AMWUA) to support legislative actions related to water. Unfortunately water does not seem to be a high priority in Washington, D.C.

Council Member Vierhout inquired whether Avondale has a plan to ensure that the percentage of solids to liquids entering the wastewater treatment plant will be well managed

in a drought period, considering the increased use of low-flow devices. Ms. Chappell explained that the City is creating a Wastewater Master Plan that will address that concern, among others. Council Member Vierhout inquired about the impact of graywater use on the total water volume. Ms. Chappell explained that the City would first have to establish a permitting process for graywater retrofits. David Fitzhugh, City Manager, noted that the use of graywater would also reduce the demand for potable water.

Council Member McDonald requested a status update on leased water from the White Mountain Apache Tribe. Ms. Chappell said the initial payment has been included in Avondale's CIP budget and can be rolled over each year until the lease is approved by the federal government. Council Member McDonald inquired about credits for farmland water allocations. Ms. Chappell responded that grandfathered rights to groundwater allocation cannot be sold. The Department of Water Resources establishes credits depending on the number of acre-feet per acre each farm historically has used, up to 2025, when safe yield should be reached. That right can be extinguished and pledged to the groundwater allowance upon development.

Council Member Iwanski said the GWA is the most aggressive groundwater management act in the nation. It is a landmark piece of legislation that assures a 100-year water supply in the active management areas. Developers and venture capitalists need to be made aware of this fact. Remediated groundwater is available to Avondale at a very cost-effective rate, and should be itemized in the portfolio. The cost of moving CAP water will increase as regulations on coal plants take effect, so a more cost-effective alternative must be found. Prolonged ongoing simultaneous droughts in the Colorado River and Salt River basins would lead to a declaration of shortage in either 2015 or 2016. Avondale should look at alternative supplies and develop a cost-effective plan for other alternatives.

Mayor Weise inquired about the potential remediated water supply. Council Member Iwanski projected that the West Van Buren site could produce 30,000 acre-feet per year over the 50-year projected cleanup duration. PGA North has a 30-year cleanup timeline with about 7,000 acre-feet projected per year. Some of that remediated water would go to Goodyear.

Mayor Weise inquired about education efforts. Ms. Chappell said the City has a number of water conservation education initiatives in place. The first stage of the drought plan has only been implemented once, in 2005. There has been no shortage on the Salt River Project side since. Mayor Weise requested an update on how other cities are approaching graywater issues.

3 DYSART ROAD TRAFFIC SIGNAL TIMING

Dana Chamberlin, Traffic Engineer, reviewed traffic signal timing on the Dysart Road corridor from McDowell Road to Indian School. When optimizing signal timing, it is important to understand the primary goal and the audience, she explained. The current timing was implemented in 2012 and 2013. It is a pre-timed coordinated signal system during morning, midday, and evening peak hours. During off-peak hours, signals are traffic actuated using detection devices.

The goal of the current program is to minimize cycle delay for all users, and the signals have been timed accordingly. This approach minimizes impacts on side street traffic, which is a big source of complaints. Unfortunately, this method does not take into account the pedestrian crossing phase, and so each pedestrian signal request effectively kicks the cycle out of coordination until it can catch back up again. Repeat pedestrian requests at multiple intersections can cause a perceived lack of coordination and disrupt through traffic on Dysart.

Ms. Chamberlin said an alternative approach would be to increase cycle lengths to fully accommodate pedestrian crossings. Pedestrian requests would not interrupt the cycle and Dysart traffic could travel at a given speed through the corridor with minimal stops. The disadvantages of this approach include increased delays to all road users, including those on Dysart Road, since the cycle lengths would have to exceed 120 seconds to accommodate pedestrian signals. This approach would also impair signal efficiency and result in pedestrian cycles occurring even when there are no pedestrians. It would cost between \$5,000 and \$10,000 to implement this system. Increased side street traffic delays could result in an even greater number of complaints.

Council Member Vierhout said City Council's decision to approve the charter school shows how one change can impact the overall system. He requested more information on the number and times when pedestrian buttons are being pushed. The northern part of the corridor has different characteristics than the southern portion. Crossings near schools create a greater than average number of pedestrian requests at specific times. He felt the afternoon peak period started too early. Ms. Chamberlin said software is available to record pedestrian requests, but the City does not have it at this time. She agreed that the southern segment has different characteristics than the northern segment. The afternoon peak was made longer to accommodate school traffic.

Council Member McDonald inquired about the time required for a pedestrian to cross a street. Ms. Chamberlin explained that pedestrian rate of speed is calculated at four feet per second, but that each intersection has a different width. Council Member McDonald questioned whether cycles would have to be increased by a full 20 seconds to accommodate pedestrian crossings. Ms. Chamberlin responded that the 20 seconds would cover not only the time necessary to cross Dysart Road, but to retime the system to ensure that a vehicle could travel at a given speed through the corridor. The system keeps track of where an interrupted cycle is supposed to be in the coordinated pattern, and it will take between two and four cycles to catch up again, depending on the width of the road.

Council Member McDonald surmised that many of the people who travel Dysart have given up complaining and just accept that it is going to be a hassle and that they will be stopped at every intersection. He felt the section between Indian School and Alameda should be timed to accommodate pedestrian crossings every time, and to streamline the traffic flow through this area. He suggested that the Estrella Mountain Community College parking lot between Sage and Thomas Road has an opening that could be used for right turn egress only, which would relieve some of the pressure on the side street and its intersection with Dysart. Ms. Chamberlin said she would look into that possibility.

Mayor Weise said people become frustrated with the number of times they have to stop on Dysart Road between McDowell and Thomas, even on weekends. Making Dysart traffic flow the priority might cause some inconvenience, but people are already being inconvenienced. He felt drivers would feel better about the corridor if they knew the ideal speed at which to travel.

Ms. Chamberlin summarized that staff would proceed with collecting more data and retiming the signals. She clarified that Rancho Santa Fe was excluded from the segment because of the lack of a right turn lane. Coordinated timing is not currently in effect on weekends, only actuated timing is. It would be difficult to recommend an ideal speed to flow through the corridor because doing so also requires a specific start time that is independent of the green light. Mayor Weise said people would feel better if they knew the City was at least trying to improve the situation, even if the attempt does not ultimately work, rather than doing nothing at all.

4 ADJOURNMENT

There being no further business before the Council, Council Member Vierhout moved to adjourn the meeting; Council Member Kilgore seconded the motion. The motion was carried unanimously.

City Council meeting adjourned at 7:04 p.m.



Mayor Weise

CERTIFICATION

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of the Work Session of the Council of the City of Avondale held on the 17th day of November. I further certify that the meeting was duly called and held and that the quorum was present.



City Clerk

Minutes of the Regular Meeting held November 17, 2014 at 7:00 p.m. in the Council Chambers.

MEMBERS PRESENT

Vice Mayor Frank Scott and Council Members

David Iwanski
Stephanie Karlin
Bryan Kilgore
Jim McDonald
Charles Vierhout

ALSO PRESENT

David Fitzhugh, City Manager
Gina Montes, Assistant City Manager
Kevin Artz, Assistant City Manager
Jennifer Fostino, Zoning Specialist
Ken Galica, Senior Planner
Andrew McGuire, City Attorney
Carmen Martinez, City Clerk

1 ROLL CALL AND STATEMENT OF PARTICIPATION BY THE CITY CLERK

Carmen Martinez, City Clerk, read a statement of participation regarding public appearances.

2 RECOGNITION ITEMS (MAYOR PRESENTATIONS)

a. AVONDALE POLICE DEPARTMENT - CITIZENS POLICE ACADEMY GRADUATES

Chief Nannenga introduced the graduates of the inaugural Citizens Police Academy, an eight-week program that sought to inform participants and provide them with an insight into the procedures of the department. Participants had the opportunity to participate in hands-on drills in all areas of the police department. Participants were recognized with a certificate.

3 UNSCHEDULED PUBLIC APPEARANCES

Ellen Gergly of the Mosaic Art Center in Avondale demonstrated a project students have worked on while at the MAC.

4 CONSENT AGENDA

Items on the consent agenda are of a routine nature or have been previously studied by the City Council at a work session. They are intended to be acted upon in one motion. Council members may pull items from consent if they would like them considered separately.

a. APPROVAL OF MINUTES

Regular Meeting of November 3, 2014

b. 2015 COUNCIL MEETING SCHEDULE

A request to approve the Council Meeting Schedule for 2015 which includes the rescheduling of five council meetings in observance of holidays and to allow for a summer break.

c. MATERIALS PURCHASE CONTRACTS - CEM-TEC CORPORATION AND WESCO DISTRIBUTION DBA BROWN WHOLESALE

A request to approve Materials Purchase Contracts with Cem-Tec Corporation and Wesco Distribution dba Brown Wholesale for the purchase of streetlight poles, mast arms, fixtures, hardware, and related appurtenances in an amount not to exceed \$ 122,000 and \$45,000 respectively over the life of the contracts and authorize the Mayor or City Manager and City Clerk to execute the necessary documents.

d. COOPERATIVE PURCHASING AGREEMENT - METERING SERVICES, INC.

A request to approve a Cooperative Purchasing Agreement with Metering Services, Inc. to provide large water meter testing and repair services for an annual amount not to exceed \$25,000; with an option to renew for up to four (4) successive one-year terms and an aggregate amount not to exceed \$125,000; and authorize the Mayor or City Manager and City Clerk to execute the necessary documents.

e. COOPERATIVE PURCHASING AGREEMENT - PIPELINE SERVICES, INC

A request to approve a Cooperative Purchasing Agreement with Pipeline Services, Inc. to provide and install valves in live water mains for an annual amount not to exceed \$30,000; with an option to renew for up to four (4) successive one-year terms and an aggregate amount not to exceed \$150,000; and authorize the Mayor or City Manager and City Clerk to execute the necessary documents.

f. PURCHASE AND SALE AGREEMENT - REAL PROPERTY LOCATED NORTHEAST OF VAN BUREN STREET AND 127TH AVENUE

A request to approve a purchase and sale agreement for the acquisition of approximately 2.975 acres of real property generally located north of Van Buren Street and east of 127th Avenue from Coldwater Industrial Associates 3, LLC. in the amount of \$436,748.63 and authorize the Mayor or City Manager and City Clerk to execute the appropriate documents.

g. RESOLUTION 3227-1114 - CANVASS OF VOTES OF THE NOVEMBER 4, 2014 GENERAL ELECTION

A resolution canvassing the results of the November 4, 2014 General Election.

h. RESOLUTION 3228-1114 - INTERGOVERNMENTAL AGREEMENT - 1GOVERNMENT PROCUREMENT ALLIANCE

A resolution approving an Intergovernmental Agreement with 1 Government Alliance (1GPA) relating to the purchase of commodities and services through the 1GPA cooperative purchasing agreement and authorize the Mayor or City Manager and City Clerk to execute the necessary documents.

Council Member McDonald moved to approve the consent agenda as presented including Resolutions 3227-1114 and 3228-1114. Council Member Vierhout seconded the motion.

ROLL CALL VOTE AS FOLLOWS:

Council Member Vierhout	Aye
Council Member McDonald	Aye
Council Member Iwanski	Aye
Mayor Weise	Aye
Vice Mayor Scott	Aye
Council Member Karlin	Aye
Council Member Kilgore	Aye

Motion carried unanimously.

5 APPOINTMENT OF MEMBERS TO THE CITY'S BOARDS, COMMISSIONS AND COMMITTEES AND TO THE POSITIONS OF CHAIR AND VICE CHAIR OF THE BOARD OF ADJUSTMENT AND THE PLANNING COMMISSION

Consideration of the Council Subcommittee's recommendations for the appointment of members to the City's Boards, Commissions and Committees as well as the appointment of members to the positions of Chair and Vice Chair of the Board of Adjustment and the Planning Commission and designating the person holding the position of Finance and Budget Director to represent the Mayor in the Public Safety Retirement Pension Boards.

Mayor Weise recognized the members being appointed and reappointed tonight. He thanked them for their desire to get involved in their community.

Council Member McDonald moved to approve the subcommittee's recommendations for the appointment of members to the City's Boards, Commissions and Committees and to the positions of Chair and Vice Chair of the Planning Commission and the Board of Adjustment. Council Member Council Member Karlin seconded the motion.

ROLL CALL VOTE AS FOLLOWS:

Council Member Vierhout	Aye
Council Member McDonald	Aye
Council Member Iwanski	Aye
Mayor Weise	Aye
Vice Mayor Scott	Aye
Council Member Karlin	Aye
Council Member Kilgore	Aye

Motion carried unanimously.

6 PUBLIC HEARING - CONDITIONAL USE PERMIT FOR NI HAO AMIGOS IMMERSION PRESCHOOL, PL-14-0109

A public hearing and a request by Evangeline Diaz for a Conditional Use Permit for a childcare facility, located at the southwest corner of Hill Dr and 1st Street.

Jennifer Fostino, Zoning Specialist, reviewed the particulars of this item as more specifically described in the council report.

Council Member Iwanski asked if the parking spaces would be available to the public during off business hours. Ms. Fostino indicated that she cannot confirm but she does not expect the business owners would have a problem with that.

Mayor Weise opened the public hearing, there being no requests to speak, Mayor Weise closed the public hearing.

Council Member McDonald moved to approve a request by Evangeline Diaz for a Conditional Use Permit for a childcare facility, located at the southwest corner of Hill Dr and 1st Street. Council Member Kilgore seconded the motion.

ROLL CALL VOTE AS FOLLOWS:

Council Member Vierhout	Aye
Council Member McDonald	Aye
Council Member Iwanski	Aye
Mayor Weise	Aye
Vice Mayor Scott	Aye
Council Member Karlin	Aye
Council Member Kilgore	Aye

Motion carried unanimously.

7 SITE PLAN AMENDMENT - FRESH & EASY MARKET (PL-14-0161)

A request by Ms. Andrea Lewkowitz, Lewkowitz Law Office, to amend the 2007 Site Plan of Fresh & Easy Market located at the southwest corner of 107th Avenue and Thomas Road which limited by stipulation the hours of operation to 6:30 a.m. to 10:00 p.m. and allow the grocer to operate 24 hours a day, 7 days a week.

City Manager David Fitzhugh introduced Senior Planner Ken Galica to present this item. Mr. Galica reviewed the particulars of this item as more specifically described in the council report.

In response to a question from Vice Mayor Scott, City Attorney indicated that the approval for the new hours of operation is effective immediately.

Council Member Karlin indicated she was pleased to see that this store remains in Avondale, and is pleased to the addition of hours of operation.

Council Member Iwanski indicated that he is pleased that the extended hours do not apply to deliveries. He complimented Tracy Stevens and Ken Galica for their work on this item.

Council Member McDonald moved to approve application PL-14-0161, a request to allow Fresh & Easy Market, SWC 107th Avenue and Thomas Road, to operate 24 hours a day, 7 days a week, striking Stipulation #13 of the June 2007 Site Plan approval. Council Member Vierhout seconded the motion.

ROLL CALL VOTE AS FOLLOWS:

Council Member Vierhout	Aye
Council Member McDonald	Aye
Council Member Iwanski	Aye
Mayor Weise	Aye
Vice Mayor Scott	Aye
Council Member Karlin	Aye
Council Member Kilgore	Aye

Motion carried unanimously.

Mayor Weise recognized members of Troop 90 out of Litchfield Park who were in attendance for the council meeting.

8 ADJOURNMENT

There being no further business before the Council, Council Member Vierhout moved to adjourn the regular meeting. Council Member Kilgore seconded the motion, which carried unanimously.

City Council meeting adjourned at 7:42 p.m.



Mayor Weise



Carmen Martinez, MMC
City Clerk

CERTIFICATION

I hereby certify that the foregoing minutes are a true and correct copy of the minutes of the Regular Meeting of the Council of the City of Avondale held on the 17th day of November, 2014. I further certify that the meeting was duly called and held and that the quorum was present.



City Clerk