ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY
WEDNESDAY, SEPTEMBER 21, 2016, 5:07 P.M.

ALBUQUERQUE BERNALILLO COUNTY GOVERNMENT CENTER ONE CIVIC PLAZA, NW ALBUQUERQUE, NM 87102

> A P P E ARANCES

COUNCILLOR TRUDY E. JONES, Chairwoman
COMMISSIONER ART DE LA CRUZ, Vice Chairman
COUNCILLOR PAT DAVIS, Member
COMMISSIONER DEBBIE O'MALLEY, Member (Excused)
COUNCILLOR KEN SANCHEZ, Member (Arrived @ 5:21 p.m.)
COMMISSIONER ART DE LA CRUZ, Member
TRUSTEE PABLO RAEL, Ex-officio Member (Excused)
MAYOR RICHARD BERRY, Member (Excused)
MR. ROB PERRY, Admin. Officer, (Alternate Member)

CHAIRWOMAN JONES: Good evening. Welcome the Albuquerque Bernalillo County Water Authority meeting for Wednesday, September 21, 2016. We'll start with a moment of silence and the Pledge of Allegiance, led by Commissioner De La Cruz.

COMMISSIONER DE LA CRUZ: Please join me in the pledge.
(Whereupon, there was a moment of silence.)
(Whereupon, the Pledge of Allegiance was led by Commissioner Art De La Cruz.) CHAIRWOMAN JONES: Thank you, everyone.

The first agenda item is very satisfying to be able to do this. These are proclamations and awards. And tonight's it's the technical customer advisory committee appreciation award. These are people who spend endless hours working to make this water authority better.

Would Mr. David Brookshire please come forward to be recognized. And I know he's here because $I$ walked down the corridor with him.

We're going to put you in the hot seat and just let you stand right there for a while, while we say things about you.

MR. BROOKSHIRE: All right. Go for it.

CHAIRWOMAN JONES: Thank you.
We would like to recognize David Brookshire for serving two terms on the technical customer advisory committee. David has lent his expertise and many hours of his time to help further the goals of the water authority and provide a direct conduit between the utility and those it serves.

During his time on the committee, he was involved in a number of major initiatives, to include the water resources management strategy, water and sewer rate structure evaluations, operating and capital budgets, goals and objectives, and customer conversation meetings.

Thank you, Mr. Brookshire.
MR. BROOKSHIRE: Thank you.
CHAIRWOMAN JONES: If you would like to say
a few words, we would love to have you do that. And then, if you'll come back up, we have a little plaque for you.

MR. BROOKSHIRE: Okay.
CHAIRWOMAN JONES: And we'd like to thank you.

MR. BROOKSHIRE: All right. Well, thank you, Madam Chair. I would start by saying one

1 always evaluates whether going to serve on a 2 committee with trepidation. You never quite know 3 what you're getting into.

I think you will find if it's distributed around the country, it will become a model in many aspects. Not that everybody will agree; that's not the issue. But it's the methodological approaches and how they went about it, the issues they took on and didn't take on and saved for later times are important.

Funny, I've been told that $I$ could say a few words about my potential replacement, professor Janie Chermack. I was department chair when we hired Janie some 22 years ago. And I was my privilege to work her over the years on many issues

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of surface and groundwater modeling. And
    especially, she lead an especially innovative study
    on consumer demands, which we're still writing
    papers on and the results are still coming out,
    which I think will contribute -- as I mentioned
    last times, I think the consumer demand area is one
thing that can be expanded when there's time. It's
not a criticism, but it could be expanded.
    And I think Janie will bring a lot of
technical expertise to the committee in a very
positive way. Thank you.
    CHAIRWOMAN JONES: Thank you. Thank you
for -- and please come on up. Thank you.
    I would like to make a motion to approve
to August 17, 2016, minutes. Is there --
    COMMISSIONER DE LA CRUZ: Second.
    CHAIRWOMAN JONES: There is a second.
There's a motion and a second. All those in favor,
say yes.
    ALL MEMBERS: Yes.
    CHAIRWOMAN JONES: Opposed, no?
        Motion carries.
        (5-0 vote. Agenda Item 3 approved.)
    CHAIRWOMAN JONES: I think next is public
comment, Mrs. Jenkins. And how many do we have
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signed up.
MS. JENKINS: I don't have an exact count. There's about 22.

CHAIRWOMAN JONES: Okay. Let's keep this at two minutes each, please, this evening. So come on down when $I$ call your name. And please queue up, when Ms. Jenkins calls your name.

We'll give a warning at one and a half minutes. And then at two minutes, we ask that you please give the next person an opportunity. And remember, you do not have to use your entire two minutes. But thank you for being here this evening.

Ms. Jenkins.
MS. JENKINS: David Campbell, followed by Carlo Lucero.

MR. CAMPBELL: Good evening, Madam Chair, Members. I'm with the U.S. Fish and Wildlife Service, New Mexico Ecological Service field office. I'm a branch chief in that office. We've had a pleasure of working with the water quality authority for quite a while. The service has confidence that the long term planning provided for 2120 can become the cornerstone for improving the environmental resilience effects on

New Mexico. The American public can use and depend and depend on 2120 to continue to seek improvements on water conservation, reuse or renewable surface water to better manage, follow up and protect water and related resources in an environmental and economically sound manner.

Thank you, Madam Chair. CHAIRWOMAN JONES: Thank you, sir.

MS. JENKINS: Carlo Lucero, followed by John Polk.

MR. LUCERO: Good evening, Madam Chair, Members of the Board. My name is Carlo Lucero. I am a vice chair of the Greater Albuquerque Chamber of Commerce. And I'm here to speak in support of the 100 -year water plan. How nice to be able to say 100 -year plan.

I think you'll find that this plan fits perfectly with the mission statement of the Greater Albuquerque Chamber. And that is to work every to make our community a place where businesses can grow and prosper and where people want to raise their families.

As the voice of business since 1917, we envision New Mexicans living in safe neighborhoods, working in rewarding careers, at thriving
businesses, while their children attend great schools and enjoy their leisure time in one of the most beautiful regions on earth.

A place becomes a world class community for many reasons. Most notably, it is because of a world class education system, vibrant small business community, a modern and efficient transportation network, a sustainable environment, a reliable source of power and water.

You can see it's a perfect fit for your mission statement. And it's very consistent with our promotion of economic development and job creation and quality of life.

And very much consistent with this is the fact that this plan will send a message to all New Mexicans that we are serious about preparing for our future as a community and building an economy that supports growing jobs and opportunities for our citizens.

Thank you.
MS. JENKINS: John Polk, followed by Mike Hammond.

MR. POLK: Thank you very much for allowing me to address you.
I'm concerned about how the water is

1 being drained from Heron Lake. Let me show you. I 2 hope that this will show. This is what Heron looked like and normally does look like at the marina. This is what it looks like today.

We bought -- this is what it looked like in July of 2010. This is what it looked like in February of 2014. This is how it -- what it looked like last winter and how it's going to look like this winter.

The bureau of reclamation has withdrawn 200,000 acre feet of water. There is no drought problem up. There is plenty of water coming down from Colorado. Not only that, BOR is planning on withdrawing a minimum of 13,500 acre feet of water per year for the next ten years in an agreement with the U.S. wildlife and fish service.

This presents a very serious problem, because we bought and paid for this. And I'm talking about us. This reservoir and the water in it is entirely paid for by the citizens and users of water in Albuquerque. And we have -- it's being drained out of there.

I hope you remember that about 25 years ago, it almost ran out of water. And I hope that doesn't happen here in Albuquerque. Thank you.

CHAIRWOMAN JONES: Thank you.
MS. JENKINS: Mike Hammond, followed by Mike Hightower.

MR. HAMMOND: Good evening, Madam Chair, Members of the Board. My name is Mike Hammond. I'm the chief executive officer for the Middle Rio Grande Conservancy District. And I'm here to read a letter into the record that we sent to you, Madam Chair. It's regarding the presentation that the water utility authority made to the board of directors of the district.

And it says: Ms. Jones, speaking for the board of directors of the Middle Rio Grande Conservancy District, I wish to express our sincere thanks in the authority for taking the time to make a presentation to the board at our meeting on August 22 nd, 2016.

We are also gratified that the authority has made a very conscious to take into consideration other water users in the basin as you plan the next hundred years of service to your constituents, many of whom are also our constituents and employees that live within the authority's service area.

In particular the presentation included

1 two proposed policies to cease the practice of pursuing pre1907 agricultural water waters in the middle valley for transfers to the authority, as well as a commitment to work with the MRGCD to promote local agricultural, which both policies were well received by the board.

Moreover, the general scope of the preservation of the aquifer of the authority's plans focused on a living within its means strategy, as well as the preservation of the aquifer for potentially tougher times and future growth.

The MRGCD agrees this is a sound alternate strategy as we have concerns regarding both short and long term impacts the middle valley will suffer as a result of pumping and water rights are transfers.

As part of the district's concerns regarding the future of the valley in light of climate change predictions and other challenges we phase, we applied for and received a grant from the bureau owe reclamation to develop a drought contingency plan for the Middle Rio Grande basin.

Given that we both contract for a significant portion of the San Juan-Chama supplies
that appear to be impacted by predicted climate change, I invite the authority to attend the kickoff meeting planned for later this fall.

It is becoming increasingly apparent that both of our agencies need to and are thinking regionally, and by working together with other agencies to solve current/future water-related environmental challenges, we are taking a proactive responsible approach.

CHAIRWOMAN JONES: Excuse me, sir.
MR. HAMMOND: I'll just close it at that time.

CHAIRWOMAN JONES: Thank you.
MR. HAMMOND: Thank you very much, Madam Chair.

CHAIRWOMAN JONES: Thank you. And Commissioner De La Cruz has a question.

COMMISSIONER DE LA CRUZ: Welcome, Mike. Just a quick question.

Is the conservancy moving forward in some manner to change the way we utilize water for either crops or other agriculture so that it becomes more effective in terms of water use?

MR. HAMMOND: Madam Chair, Member De La Cruz, the strategy that the district is moving
forward on is comprehensive in nature. We have multiple challenges with managing for ESA issues currently being revised as a result of a pending biological opinion that is creating a need to be highly efficient with the water we divert and the water that we use for agricultural purposes.

What we are engaging upon is working closely with our farmers to look at both on-farm use of water to hopefully improve their crop years old, and also reducing diversions for that purpose. And then also trying to improve the efficiency of our system to better deliver water in a more timely way.

Since 1996, we've actually reduced
diversions by one-third, and we plan to try to do that and preserve storage up at El Vado, as well as our San Juan-Chama water for late season use, which is highly critical for preserving endangered species in the late summer.

So those are our major strategies. And I will be happy to share more detail with the utility authority board in the future.

COMMISSIONER DE LA CRUZ: I would like that. I'm only curious because some of the methods that we use now are little bit archaic and aren't
particularly efficient. I suspect that there are some things you can't change. I don't know. I'm not a farmer. But flood irrigation is -- it's something that doesn't seem particularly efficient.

MR. HAMMOND: Madam Chair, Member De La Cruz, the efficiency on farm is really kind of tied to the agricultural economy. The higher value crops tend to manage the water more efficiently. And obviously some of the smaller farms have more difficulty doing that.

But I think, working with NRCS and the local farmers, we are making strides to level fields and put in more efficient delivery systems even for flood irrigation. So I appreciate that comment.

COMMISSIONER DE LA CRUZ: Thank you.
CHAIRWOMAN JONES: Thank you, sir.
MR. HAMMOND: Thank you, Madam Chair,
Members.
MS. JENKINS: Mike Hightower, followed by Ceela McElveny.

MR. HIGHTOWER: Good afternoon. I'm Mike Hightower. I work at Sandia National Laboratories. I'm in the natural resources sustainability and security department. I work both nationally and

1 internationally with water agencies, looking at 2 long term planning and water resources management
from a national security and regional security
perspective.

I was asked to be on the technical advisory committee, and I've been on that committee for about year. I have supported technically the development of the water resources management strategy. I'm here to support that.

And the work that $I$ do across the country about foreign major tenants that we see emerging for water management, for sustainability. That includes longer term planning.

This plan has a hundred year water plan. It's kind of unique within the country. Sustainable use of groundwater and surface water conjunctively managed, this strategy goes a long way in doing that sustainably. Looking at the risks associated with climate change, the current plan proposed goes a long way in looking at those kinds of issues and planning for those uncertainties and risk.

And the last one is looking at nontraditional water supplies and water resources, storm water, brackish water. And this plan does a

1 good job in laying out a strategy for the future on how to use those kind of resources.

So from my standpoint, this is model resource strategy. I'm happy that it's being done in New Mexico, that it's being done in the Middle Rio Grande, and I would for that wholly. Thank you.

CHAIRWOMAN JONES: Thank you.
MS. JENKINS: Ceela McElveny, followed by Geraldine Amato.

MS. MCELVENY: Good afternoon, Madam Chair and Board members. My name is Ceela McElveny, and I'm the vice president of operations for Albuquerque Economic Development.

AED is a private nonprofit organization that represents nearly 400 businesses in the Albuquerque area, and our mission is to recruit knew business to locate in the area and to help existing businesses expand and create jobs.

And we're proud to have the Albuquerque Bernalillo County Water Utility Authority as a partner in this mission.

I'm here to express AED's support for the adoption of the water resources management strategy.

In July, Mr. John Stomp, the chief operating officer of the water utility authority, presented a thorough overview of the hundred-year plan to our executive committee of the AED board of directors. And our board members were impressed with the proactive approach toward water use and the careful planning for the region's future water needs.

Our board members voted unanimously to endorse the plan. And AED is pleased to support the water utility authority in its efforts to create a stable and secure strategy for future water management. Thank you.

CHAIRWOMAN JONES: Thank you.
MS. JENKINS: Geraldine Amato, followed by Sue Umshler.

MS. AMATO: Good evening. The best of plans cannot survive under an establishment that is proven to be malevolent. Under this private commercial jurisdiction, the golden rule prevails, those who hold to gold rule. And unless we change who is at the top, nothing will change for the better.

> Water is a vital resource in a natural
economy. It is a mere commodity to be bought and

1 sold by the highest bidder in this contrived 2 economy. The people at the top of this pyramid are not good people. Good people can make all the plans and strategies at this level. They will not be implemented by good people.

What's more deplorable is the fact that people are commodities, human livestock. My family's encounter, for example with the trafficking of people, children, for nefarious enterprises is exemplary in the Second Judicial District Court.

And these courts are unlawful, but they're also criminal operations. And what $I$ don't forget is the dynamics of that damned court. My talking on public access $T V$ about the siege of my family in the second judicial court's network of high ranking thieves, child assaulters and killers kept my grandson from being seized by, but he was still taken away from my family, and sent into Texas with the predator that forced himself on my daughter at college.

And despite all the rhetoric that comes out of the district attorney's office and all these other Bar Association operatives, the dynamics of criminal activity has not changed.

The recent highly sensationalized publication of the ritual murder of a ten-year-old reeks of an inside job. Indicting, trying and convicting the accused in the press and media is exemplary of how these double agents work. And what -- and what we can do here, we can resist what's happening instead of playing along with the project.

There needs to be a spirit of resistance. There's too much compliance and too much cowardliness. We will $I$ know heart a totalitarian disaster. And the fact that --

CHAIRWOMAN JONES: Thank you, Ms. Amato.
MS. AMATO: -- the only time we get in public comment --

CHAIRWOMAN JONES: Thank you, Ms. Amato. Your time is up.

MS. AMATO: -- proves the fact that there is --

CHAIRWOMAN JONES: Thank you, Ms. Amato. Your time is up.

MS. AMATO: -- no republic, Ms. Trudy Jones.
CHAIRWOMAN JONES: Please call the next person.

Thank you, Ms. Amato.

MS. AMATO: And corruption rises to the top --

MS. JENKINS: Sue Umshler.
CHAIRWOMAN JONES: Thank you, Ms. Amato.
MS. AMATO: Not good women. Only corrupt women, like yourself.

CHAIRWOMAN JONES: Thank you for being here this evening, Ms. Amato.

MS. AMATO: Yeah, you know how to talk.
CHAIRWOMAN JONES: Thank you.
MS. AMATO: Evil person.
CHAIRWOMAN JONES: The next speaker.
MS. JENKINS: Sue Umshler, followed by Lynn Anderson.

CHAIRWOMAN JONES: Good evening.
MS. UMSHLER: Good evening, Madam Chair, Members of the Board. My name is Sue Umshler, and I'm a consultant for the business water task force. That is a coalition of business associations and water professionals who are committed to scientific-based water policy that addresses the cost and benefits for citizens and businesses in the Middle Rio Grande region.

I've been asked by the business water task to give its support for approval of $R-16-12$,
the 2016 water resource management strategy. The business water task force believes the proposed strategy allows the water authority to plan for and secure a high quality water supply for the citizens of Albuquerque and Bernalillo County for the long term future.

The business water task force applauds the forward thinking that plans for a water for the next 100 years. And we want to thank the staff, the board members, the technical customer advisory committee and everyone who has worked and put in the effort to prepare this critical strategy.

The business water task force also remains committed to engaging and implementing the alternatives as they are chosen in the board's collaborative process that they've proven during this process, and to continue to educate our citizens, our children, and to participate fully as we prepare for the future.

Thank you for the opportunity for
addressing you this evening.
CHAIRWOMAN JONES: Thank you, ma'am.
MS. JENKINS: Lynn Anderson, followed by Dale Dekker.

MS. ANDERSON: Good evening, Chair Jones and

1 Board Members. My name is Lynn Anderson. I am the president of NAIOP, the commercial real estate development association. I was hear when this bill was first introduced, when this legislation was first introduced at the request of my board after a unanimous vote in support of the hundred-year plan.

I have since had a number of my members call me who participated in a lot of the public outreach that the water authority initiated and used in the preparation of this plan and asked me to come back for the night of the vote.

Our industry is strongly in support of this hundred-year plan and urges passage of it. And when I was writing this speech or thinking about this speech, I realized that New Mexicans are really good at criticizing ourselves. You know, the joke is that we're at the top of the bad list, we're at the bottom of the good list. But in this case, we are at the top of the list.

I mean, the water authority is a gem, and they have created some amazingly good programs for us here in the Middle Rio Grande. And as the professor mentioned, these are the kind of programs that are models for the U.S. as a whole. And I think it's amazing that we are one of the few
aquifers that is actually rising in the middle of a drought. The fact that this plan is based on solid science and good public input, good outreach to the community -- I was amazed at the number of our members that participated in those round tables. And trust me, it's not something they usually do. So I urge your support, and I do thank the board, the water authority, the city, the county, the administration, for their involvement in this and creating something very special. Thank you.

CHAIRWOMAN JONES: It is, Ms. Anderson. MS. JENKINS: Dale Dekker, followed by Santiago Maestas.

MR. DEKKER: Great. My name is Dale Dekker. I'm an architect and planner and Dekker/Perich/Sabatini, and I was one of those people that participated in the roundtable meetings, and they're very professionally run. Also, I'm on the executive committee for the chamber of commerce, as well as the executive committee for AED.

But I'd just like to say that this is a forward-looking plan and something that everybody should be proud of. I think in the years to come,

1 they're going to look back at this plan and think 2 that a really bunch of smart people put their heads together in a way that looked at solving our problems in a collaborative way and moving our community forward into the future.

And water is life. I think we all know that. And I think it's important to point out that we have very good people in our community, well-meaning, earnest, hard workers. And this plan reflects it.

I'd also like to point out that one part of this plan that I'm particularly fond of is the watershed management portion of the strategy that looks at how we better manage our watersheds that really provide that water for years to come.

They've done it in light of climate change and looked at what that's going to do, and the Rio Grande Water Fund, put together by the nature conservancy, a unique public/private partnership that's working earnestly to achieve those goals with the water authority.

But again, my kudos and my compliment to the people that put their heart and soul into this plan. And I think it's something that we should all be very proud of. So I urge your support of

1 this. Thank you.

CHAIRWOMAN JONES: Thank you, Mr. Dekker.
MS. JENKINS: Santiago Maestas, followed by Taddeus Niemyjski.

MR. MAESTAS: Madam Chairman, my name is Santiago Maestas. I'm president of the South Valley Regional Association of Acequias. I'm a commissioner on the Pajarito Acequia, and a mayordomo on the Acequia de Donde Vida Andrade.

Although the 100 -- or the 100 -year management plan will no longer want to purchase pre-1907 water rights, we're still concerned with the cumulative effects of developments oh the west side.

According to the 2014 USGS investigation, increased to the aquifer levels are not uniform. Although there were increases on the east side of the Rio Grande, the pumping on the west side increased and the water level decreased. The west bluff side had the most substantial water level decline rate of minus 3.7 feet per year.

If this was to continue on for the next 100 years, it would of course exceed 30070 acre feet, and that was way beyond even your plan with this management strategy.

The investigation also noted that groundwater pumping has a lesser effect on the water table elevations near the Rio Grande. Seepage from the Rio Grande riverside drains, irrigation within the inner valley recharge the upper parts of the Santa Fe group aquifer system, there by mitigating some of the effects of pumping on groundwater levels on the water table.

However, we're still in the fifth year of drought. Things don't look any better. The river will continue to have less and less water, as predicted by the USGS, and we're concerned that the continued pumping and expansion of the Estrella, Westland Development and Santolina will exceed and affect negatively our community.

CHAIRWOMAN JONES: Thank you, sir.
MR. MAESTAS: Thank you, Madam.
CHAIRWOMAN JONES: Just a minute.
COMMISSIONER DE LA CRUZ: Thank you, Madam Chair.

Mr. Maestas. You said there was an investigation. When was that again?

MR. MAESTAS: 2014 United States Geological Service, Education. It's titled: Simulated and Measured Water Levels and Estimated Water Level

1 Changes in the Albuquerque Area, Central
2 New Mexico, 1950 to 2012, by Steven Rice, Gretchen the Middle Rio Grande, and it is not uniform because the aquifer itself is not uniform. And the levels at which the water table sits is not uniform. So of course it's not going to uniformly. But in general, it is rising.

COMMISSIONER DE LA CRUZ: And roughly, what

1 was the geographic call lines of demarcation in the area that you described related to Rio Rancho?

MR. STOMP: Well, Madam Chair and Commissioner De La Cruz, it's basically the Sandoval County/Bernalillo County line a where a lot of the Rio Rancho pumping exists. Their heavy pumping is their Lincoln well field, which is affected by this west bluff monitoring well. So it's southern Sandoval County mainly is where their heavy pumping occurs. COMMISSIONER DE LA CRUZ: Okay. And lastly, in relation to the future and the plan that we're going to vote on this evening, have you taken into account future growth? Because I don't think we're going to be able to tell people to stop having children and people can't move here anymore. So how have you taken into account growth?

MR. STOMP: Madam Chairman and Commissioner De La Cruz, as you know, we looked at three different ranges of demands. We didn't specific call it growth. We were looking at increases in demand.

So demand could be a population growth or it could be a new industry that comes into town.

1 And we looked at a wide range of different demands 2 that include potential population increases in Albuquerque service area. We're not calling out where that development occurs. That development occurs where other people make decisions about. But we are planning for growth, and we are required by the State of New Mexico to plan for growth.

So that's what the plan includes the growth in the future. What that growth actually looks like or where it actually occurs, a lot of those decisions will be made by others. But you're be part of that, of course, with respect to the water supply.

COMMISSIONER DE LA CRUZ: Thank you,
Mr. Stomp.
Thank you, Madam Chair.
MS. JENKINS: Tad Niemyjski, followed by Deborah Dixon.

MR. NIEMYJSKI: My name Tad Niemyjski. I'm going to pick on something differently. Last summer, last year summer, I stopped by and pulled into a Circle $K$ at Lomas and Broadway. Walk into, passing one SUV, I noticed foreign different countries, stickers, and then I approached from behind, looking and license plates, here is a

Russian lettering. Well, interesting.
So a few minutes later, young couple walk out and knowing me looking at their SUV, and so we got -- started conversation, start conversation. And I asked one thing to another.

I asked them, "So what do you think about Putin?"
"Well, he's (unintelligible) from
Moscow."
So I asked them, "How would you think of Putin?"
"Well, whoever is close to Putin, they're doing very well."

What I'm coming here, we have right here one of the councillor on this board, well, he's doing business with the -- with the water authority he's supposed to oversee. That cannot -- Sanchez doing business contract with water utility authority. Our property is (unintelligible). Is that a conflict of interest? Yes, it is conflict of interest. That is -- whoever is closer here to government, they doing well. And that's not right.

MS. JENKINS: Deborah Dixon, followed by Martin Haines.

MS. DIXON: Madam Chair, Members of the

1 Board, I am Deborah Dixon, the director of the 2 interstate stream commission, and the New Mexico Interstate Stream Commission is the state agency who is responsible for investigating, protecting, conserving, and developing New Mexico's waters, including both the interstate and intrastate streams. We management our eight interstate stream compacts and share compliance of both the entitlements and our deliveries for the state.

Our eight members represent the entire regions across the State of New Mexico and our 9th member is the state engineer. He serves as secretary of the commission.

Last month, Mr. John Stomp, your chief operating officer attended our meeting on August 18 and presented the State water plan and -- to the commission. Subsequently, our commissioners officially voted unanimously in support of the water utility's planning effort associated with the hundred-year plan.

On behalf of the interstate stream commission, I'm here to reiterate our support to recognize the utility authority's conservation efforts that are associated with the water 2120 plan.

Specifically, I commend the utility authority on their effort to reduce the gallons per capita per day use to improve groundwater management. I commend them for aquifer storage and recovery plans, for increasing their water reuse, and coordinating in the future with the interstate stream commission and various water operation aspects of the plan.

In the past three years, the office of state engineer and the interstate stream have been in the process of facilitating and updating our 16 regional water plans, and we particularly appreciate the care and time given by the authority to get input from all of the stakeholders in the community. And we know that that is a challenging task, to conduct all of these meetings.

So thank you for your contribution. We continue to look forward to work together.

CHAIRWOMAN JONES: Thank you.
MS. JENKINS: Martin Haines, followed by Laura McCarthy.

MR. HAINES: Madam Chair, Members of the Board, my name is Martin Haines. I'm just here as a regular old ratepayer. And I'm not going to repeat some of the thing that some of the very --

1 the experts, such as Ms. Dixon, that just sat down, 2 or Mike Hightower just brought up in relation to 3 the value of this plan.

But it is an example of future planning that will help this community and make us at the top of the list, as Lynn Anderson, in one item instead of always being at the bottom.

I ask for your support and -- to pass this ordinance and appreciate your time.

MS. JENKINS: Laura McCarthy, followed by Santiago Montoya.

MS. MCCARTHY: Madam Chair and Members of the board, I'm Laura McCarthy with the nature conservancy, a statewide environmental conservation organization, and sponsors of a project called Rio Grande Water Fund. I'm also a member of the technical citizen advisory committee. And I'm here to offer the support of the nature conservancy for the water plan.

I want to echo the comments about this being an exemplary plan in terms of the public outreach process, as well as the comments about this being a visionary plan. In particular, the conclusion of watershed management and considering where our water comes from, as well as the threats
to those very important water sources.
It's critical to ensure water for future generations, and it appears that this plan does that for us. Thank you.

MS. JENKINS: Santiago Montoya, followed by Amy Ewing.

MR. MONTOYA: Madam Chair, Members of the Board, the reason I'm here is because I needed to bring it up to members' attention.

I have brought up a number of times upstairs the complaint --

CHAIRWOMAN JONES: Sir, if I may. If you're stand back a little bit from microphone, we'll be able to understand you better.

MR. MONTOYA: Okay.
CHAIRWOMAN JONES: Thank you.
MR. MONTOYA: Anyway, I brought up issues that TLC consortium company is going a very lousy job when it comes to clearing up cuts that contractors who are doing business (unintelligible) when they cut the waterlines -- I mean, they cut the street to install waterlines. TLC is not doing a compaction before they fill out that piece of asphalt.

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I've brought it up to the water
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department a number of times about these complaints and they have not done anything about it. It needs to be addressed by the water authority, especially the inspectors that are supposed to be monitoring these cuts. Because when the cut is made, it's supposed to be compacted and it's supposed to meet compaction before asphalt is put on to cover up the cut, and it's -- there's a lot of cuts all over the city that are -- that have a hump on them. And it's not supposed to have a pump. It's supposed to be level. So I thought I'd brought it up to you members of the water -- call it to your attention. This thing needs to be addressed. Thank you. CHAIRWOMAN JONES: Thank you. COUNCILLOR SANCHEZ: Madam Chair. CHAIRWOMAN JONES: Councillor. COUNCILLOR SANCHEZ: I have a question for staff. I know TLC is doing some work along the Central corridor preliminary to the art project. Who is doing the inspections and the work once TLC has completed their work?

MR. STOMP: Madam Chair and Councillor Sanchez, well, there's two parts of the information. One is, everything that's in the city right-of-way is inspected by the city inspector.

So as the previous speaker spoke about the compaction requirements are in the city ordinance, so there's testing that needs to occur. So the city inspects it, and then we have our own inspectors that go out and check the work out before they close the hole and as they close the hole. So there's really actually two inspection mechanisms.

COUNCILLOR SANCHEZ: So the compaction work is being done by TLC; is that correct?

MR. STOMP: Madam Chair and Commissioner Sanchez -- I'm sorry, Councillor Sanchez, I can't speak to every single excavation that TLC does. But they are required to do it, and as far as I know, they are meeting that requirement. And the city is very diligent in making sure that the water authority does their work in the city right-of-way.

So I can't vouch for every single TLC hole, but I would say, from the ones that I'm aware of, yes, they are.

COUNCILLOR SANCHEZ: Thank you.
CHAIRWOMAN JONES: Thank you, Mr. Stomp.
MS. JENKINS: Amy Ewing, followed by Elaine Hebbard.

MS. EWING: Madam Chair, Members of the

1 Board, my name is Amy Ewing and I work as a 2 hydrogeologist. I'm also a member of the TCAC 3 committee. I spoke in support of the water 2120 at 4 the last board meeting, so it won't take much of 5 your time. I just wanted to reiterate my support 6 of that plan. Thank you very much.

CHAIRWOMAN JONES: Thank you.
MS. JENKINS: Elaine Hebbard.
MS. HEBBARD: Hi. My name is Elaine
Hebbard, long-time attendee of these meetings, since 2007, I think, or so. And I'm a retired attorney and a regional water planner.

I try to provide some alternative
perspectives to the board which might otherwise not be raised. And especially with regard to the current water policies that are being proposed, there are a number of concerns which are on this page which you may not be able to read.

But they change the emphasis from balancing demand with renewable supply, which is in your -- also in your guiding principles. They unable more pumping by changing some definitions, lowering the threshold from 250 feet, which the OSE uses, to 300; changing drought reserve to working reserve. It's based on so long as the river water

1 is available, which we know will change. It's -2 the old water is 90 percent more than 12,000 year 3 old which we will be pumping and continuing to put 4 into the water -- into the river. the 90 percent more

So there is a number of concerns. To adequately protect these resources, policies should retain balanced demand with renewable supply; volume groundwater as something for the future rather than as infrastructure, based on 2.4 percent, and target peak demand in some of these other metrics that are being changed.

To address the idea that linking land use with water resources, please keep Policy L7, address climate change by adapting -- including and adapting management plan. And finally, put in the goals and objectives that are required probably under adaptive management before proceeding to include the -- or approve these policies. Because the goals and objectives will obviously influence those policies. Thank you.

CHAIRWOMAN JONES: Thank you, Ms. Hebbard. We have announcements and communications next. And Ms. Hebbard, I think you're going to give us a brief on that.
MS. HEBBARD: I would just like to announce

1 that the Middle Rio Grande Regional Water Assembly will be holding a conference on October 22 from 9:00 to 3:00. It will be at Dane Smith Hall at UNM. It's called: Managing the River to Failure; is There a Better Way.

In the morning, we have speakers who are addressing a lot of the issues which you've heard some of about. In the afternoon, we've asked the public to help us really identify some out of the box strategies to help us move forward.

So October 22. Hope to see you there.
CHAIRWOMAN JONES: Thank you, ma'am.
Are there any other announcements?
Therefore, the next scheduled meeting is October 19, 2016, at 5:00 p.m. in the Vincent E. Griego Chambers.

There are no first readings or introductions of legislation, so we'll go directly to the consent agenda.

COMMISSIONER DE LA CRUZ: Move approval.
MR. PERRY: Second.
CHAIRWOMAN JONES: There's a motion and a second to approve the consent agenda. All those in favor, say yes.

ALL MEMBERS: Yes.

CHAIRWOMAN JONES: Opposed, no?
Motion carries unanimously.
(6-0 vote. Agenda Item 8 approved.)
CHAIRWOMAN JONES: Next is approvals. The
first approval is R-16-10, authorizing an agreement with Alta Vista enterprises limited for the Mikay Lanna Vistas for water and sewer service.

Good evening.
MR. CADENA: Good evening, Madam Chair, Members of the Board, I'm presenting a development agreement for a subdivision entitled Mikay Lanna Vistas. It's located on Gun Club and Lisa, just west of Carroll Street.

The project consists of 16 individual
lots, and the development is to be served from the $0-W$ pressure zone in the Atrisco trunk.

The developer is going to connect to existing waterline adjacent to the property, and there will be some experiences of the sanitary sewer line to serve the development as well.

The development will be responsible or in charge -- charged to pay UECs and water supply charges. And there's no fiscal impact to the water authority.

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    CHAIRWOMAN JONES: Any questions.
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COMMISSIONER DE LA CRUZ: Move approval.
MR. PERRY: Second.
CHAIRWOMAN JONES: There's a motion and a second for approval of $R-16-10$. All those in favor, say yes.

ALL MEMBERS: Yes.
CHAIRWOMAN JONES: Opposed?
Motion carries unanimously.
(6-0 vote. Agenda Item 9A approved.) CHAIRWOMAN JONES: Next I believe you're aboard on this one, $R-16-11$, authorizing agreement with -- I'm going to let you just read this. You have to do it anyway. Thank you, sir, Mr. Cadena. MR. CADENA: Hello, again.

So presenting a development agreement for
a project entitled Ceja Vista, Phase 1. This project is located on the south side of Dennis Chavez, just east of 118th Street. It's in the 2WR pressure zone and 1W pressure zone of the Pajarito trunk.

So this project consists of 403
single-family units, with some commercial development that may also include multi-family. And essentially, the project will extend public waterlines and public sewer lines to serve this
site and will be also responsible for paying utility expansion charges and water supply charges, as well.

CHAIRWOMAN JONES: Thank you.
Are there any questions?
COMMISSIONER DE LA CRUZ: Move approval. CHAIRWOMAN JONES: There's a motion and a second for approval. All those in favor, say yes.

ALL MEMBERS: Yes.
CHAIRWOMAN JONES: Opposed?
Motion carries unanimously. Thank you.
(6-0 vote. Agenda Item 9B approved.) CHAIRWOMAN JONES: Mr. Stomp, R-16-12.

MR. STOMP: Madam Chair, Members of the Board, tonight we thank you all for our patience for the last year's worth of work together with us going through each one of these -- or I should say, plodding through each one of these presentations with us.

Tonight we're going to summarize the plan. I'm going to try to make it as short as possible and give you time to answer questions.

We believe the question elements of the plan really are focusing on continuing the use of existing resources that we have, use and follow the

1 same policies that we had in '97 and 2007, 2 implement additional conservation, additional 3 reuse.

We have a data-driven plan, which we're going to continue to adapt and modify over time, looking at climate change and other things that may affect our water supply in the future.

There was an extensive P.O. Box process that we went around and met with our stakeholder, met with the public. And we believe that there's no rate increases that would be necessary as a result of this plan. There are rate increases planned, as you know, for our infrastructure needs, but we believe that this plan will not increase our rates over time.

In terms of our stakeholder rapport, you've been very patient listening to all the people coming to the barred, and we really appreciate their support, but we appreciate the opportunity to present this plan to you and all those people that have come to this board to support the plan. We believe it's a sound plan, a balanced plan that provides for the future.

It includes looking at our demand in the future, sags Commissioner De La Cruz brought up,

1 and also our supply and the impacts of climate 2 change associated with those supplies. And we're 3 also looking at watershed restoration to protect 4 the supplies that we have.

23 dry conditions. We could fill that gap, and we
We looked at the gaps that would be created as a result of those comparisons of our three different alternatives for supply and the three different alternatives for demand. And we're able to fill that gap for that medium supply and medium demand, including using our existing supplies, additional conservation that is going down from 130 gallons per capita per day -- I'm sorry, for 135 gallons per capita per day to 110 gallons per capita per day, additional reuse, storm water capture, the potential for indirect potable reuse for the future, watershed management, and, again, using the existing supplies we own.

This graph here shows that we did fill the gap. The one on the left shows the dotted lines. That was the gap that we had prior to the implementation of Portfolio Number 1. We do still have a gap for the future, considering our hot and have a number of alternatives that could do that. But because it's so far out to the future, we feel

1 like we really should monitor that over the period 2 of the next ten years and so on to see where that 3 gap really is and the size of that gap before we 4 start to invest in infrastructure for the future 5 and call out the potential for infrastructure that 6 we might not need.

And finally, the portfolio supplies that 8 I talked you about before really are over the long 9 period of time. Starting in the decade of the 102020 s, we talk -- do additional aquifer storage and 11 recovery. 2035, we do additional reuse and so on, a very quick picture of what that model looks like. There's a number of alternatives that can be simulated on this, but he's not going to do -- only a couple of them.

So just to sort of brag about what our
goal in education and what we think is going to happen, and we're going to use this model to come to you as part of the monitoring effort that's in policy number A, or Letter A.

MR. GATES: Good evening, Madam Chair, Members. I will try to keep this relatively brief. What you're looking at on the screen is essentially a life demo of this educational tool that's been developed that basically portends to strategy, to some extent.

It includes a little bit of information about the water authority. I know that's a little bit difficult to read at this level. I'll blow it up a little bit. But it's basically information that's from your website, available for who might be using this, whether that's schools or individuals or what have you.

Likewise, it includes a user's guide, so it's set up so that it gives instructions on the various components of the model. And it's set up so that it's simple for folks to print out and hold next to the computer, if they want to utilize it.

Then the model, itself, as John pointed out, this examines those nine future scenarios, essentially, of supply and demand. So the low

1 supply, high demand, those various combination. It
2 allows you to change what demands you're looking

3 at. So in this case, this is a demand input screen.

The one that you're looking at here shows a medium population growth under your current gallons per capita day goal. If you go over this drop-down box, you can change that to some other growth, demand. So in this case, then you're looking at low population growth. And I'll change that back to medium for demonstration purposes here.

When you make changes to these, it updates the graph, graphics within the model. So you get a picture of actually what's going on in terms of which population growth scenario you're looking at, as well as which demand scenario you're looking at.

There's a similar input screen for supply. This includes information about climate change. So this has low, medium and high supply scenarios, three of your supply scenarios. The graphics that are here include the actual data that go into those. So when you change from, say, a medium supply scenario to low, so the hot, dry,

1 you'll see that the graphics all update so that 2 you're actually looking at the real information for that particular scenario.

And there's also the ability to change which portfolio we're looking at. In this case, it's set up to run the baseline, which is sexually no alternatives in place. It has information that was part -- is part of the public meeting. This graphic that shows various alternatives gives information about them so you can actually zoom in and get more information on the text within the model so that the public can actually get a better feel for what these alternatives do, whether that's how much water they might provide or what their effect on the environment might be. So you get a general feel for that, as well as some text around them.

With that, I'll do back to the main page and actually do a real quick simulation here. So as you're doing this, it's running through time, looking at the various bits of data. It's showing the aquifer status, as well as the supply sources being used to meet demand.

As you can see from this plot, particular plot on the right, there is a gap in this

1 particular one. This is a baseline of medium 2 demand and medium supply. So we -- without any new this case you can look at the aquifer levels in
more detail, so you can see how the management level under this portfolio is performing.

That was quick, and $I$ was talking fast, so if you have questions or you need more, certainly let me know. But $I$ certainly value your time and wanted to make it quick, so...

CHAIRWOMAN JONES: Thank you. Thank you there any --

COMMISSIONER DE LA CRUZ: Move approval, Madam Chair.

CHAIRWOMAN JONES: Do you have a question?
COUNCILLOR SANCHEZ: Second.
CHAIRWOMAN JONES: There's a motion and a second to approve the plan $R-16-12$. Is there any discussion?

MR. PERRY: Madam Chair.
CHAIRWOMAN JONES: Yes.
COUNCILLOR DAVIS: Did you say that's available online for the public, or is that something they can do as they contact our office?

MR. GATES: Well, Madam Chair and Councillor Davis, it will be online. We wanted to present it to the board tonight first. So you're the first to see it. And it will be online very soon.

CHAIRWOMAN JONES: Mr. Perry.

MR. PERRY: Madam Chair, I just want to express my appreciation to the staff and all the committees and the volunteers and everybody that put this plan together. I know that we can't do it justice tonight, quite honestly, in an hour and a half or two hour meeting, because so much work went into it over a long period of time. And I think that the folks that made contributions to it should be very proud of the work they've done.

The impact of this type of plan is about the sustainability of the Mid Rio Grande Valley. You can historically look at water management dating back to 900 to 1130 at Chaco Canyon, Pueblo Bonito and the movements of the indigenous people and even developments of the pueblos here along the Mid Rio Grande in the 1540 s and those periods of time. And, you know, I guess we didn't have the tools and the knowledge that we had back then -- I should say, we that now that we didn't have back then. But this is big.
I'm going to a water -- the mayor's --
U.S. Conference of Mayors Summit on Water in Napa in November, and I've looked at some of the presentations, and their water management plans are like 25, 30 years. And $I$ just think the authority

1 has done a great job, a great job. And I fully support the plan. Thank you.

CHAIRWOMAN JONES: Thank you, Mr. Perry. Councillor Sanchez.

COUNCILLOR SANCHEZ: Thank you, Madam Chairman.

I would also like to compliment the staff for their work. Also the technical customer advisory committee put a lot of work into this, the outreach to our community.

When I first heard of the hundred-year plan, I was very skeptical because of technology changing to rapidly. And when I started to read through the plan, the work that was put this plan was remarkable. I know that John stop used the word "plodding." There was no plodding done at all. It was just a tremendous amount of hard work by a lot of good people and professionals that took the time to do it right.

And as one of the speakers stated publicly, we are ranked 47 th and 48 th in the country on many initiatives. But I think we are going to lead the country. And when other cities and municipalities look at this plan, they will be adopted a 100-year plan. Because I think this plan
was done very well and very strategically. This, I think, will be a plan that's going to be used for many municipalities across America, because I think this is what cities are looking at, long, long term planning.

We will not be around in 100 years, but the decisions I think that we are making here tonight will be decisions that will impact our communities across our country in a favorable way.

And, again, thank you to all our staff for your work.

CHAIRWOMAN JONES: Commissioner Hart Stebbins.

COMMISSIONER HART STEBBINS: Thank you, Madam Chair.

And I just want to echo all the compliments of the staff that have already been made by fellow board members.

One thing I want to just highlight and thank you for your attention to the watershed management component of this plan. The recognition of that as a long term strategy gentlemen is something that clearly not in the last and may not have been considered in the past. But I think it's a very progressive and far-reaching strategy and

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    recognition of it's importance to our water supplies. So I just wanted to highlight that and thank you for that.
Thank you, Madam Chair.
CHAIRWOMAN JONES: Thank you.
Councillor Davis.
COUNCILLOR DAVIS: I think we're all taking
``` a turn here and saying that -- as the newest member of this board, I have to say, walking in on the tail end of this, I shared some of Councillor Sanchez's skepticism. But an incredible amount of work.

I'm actually impressed at the number of e-mails and comments that \(I\) got from the public who had really did you go into some of the details on this and offered up questions.

But I have to say, as somebody -- it is incredibly impressive. I went to Pittsburgh earlier this summer for a conference of progressive legislators, local legislators from around the country, and they all were talking about sort of environmental and climate change work. And I said, "Well, we're passing a 100-year plan to save water in the desert, and we don't need any water rights." And they said, "No, that's not possible.

We don't do that."
And so it really is a model. It's something that we should be really proud of. And it just goes to show you that when we set a high bar, folks in Albuquerque and Bernalillo County and the folks that serve us can make that happen.

And so I really do appreciate all the work everybody did and the extra time they took to walk us all through all those pieces. I can't wait to see this online, portal online, so that people can play with those numbers themselves and see sort of the catches that are in there, if this level gets too low, how we adjust that long term down the plan.

I won't be here 100 years from now either. I might be here a minute longer than you will, so I look forward to seeing -- being able to have fresh water for my house for quite some time. So thank you.

CHAIRWOMAN JONES: Thank you. And obviously I need to take my turn.

I found this fascinating. And one of the most interesting things is the number of people that have been involved. And we've not mentioned all of them. Our consultants, sitting in the front

1 row, and the people who put together the meetings 2 with the citizens.

The citizen involvement was amazing. I attended a few of those meetings, and to see them gather at separate tables and have their hands-on participation in how this was done and what the results would be and how it would work was -- I've never seen anything like this, in anything the city or the water authority has ever done before.

The interest that was shown by all of the citizens, and you can tell it's real, true interest because they actually came out and participated. They just didn't sit back and wonder what we were doing or complain about what we were doing. So it was an amazing, amazing process.

And I also have to say, I have a few friends who live in different parts of the country, I know that's amazing for you to know. But I've sent this plan, 100-year plan to especially a friend -- an old friend who does a lot of work with the water issues in the Central part of the United States, most especially the Ogallala Aquifer, and he and his group, the Nebraska Water Commission, basically, were absolutely amazed and dumbfounded that we could put something like this together for

100 years. And I think they're probably going to plagiarize. And I know they're going to come out and met with some of our staff in a few months and talk about this.

So thank you, all. We've pontificated enough. Let's take a vote. There's a motion and a second. Are there any comments?

Thank you, all. There's a motion and a second for \(R-16-12\), a do-pass. All those in favor, say yes.

ALL MEMBERS: Yes.
CHAIRWOMAN JONES: Opposed?
Motion carries unanimously.
(6-0 vote. Agenda Item 9C approved.)
CHAIRWOMAN JONES: Next on the agenda is C-16-24. The appointment to the technical customer advisory committee.

Mr. Roth.
MR. ROTH: Madam Chair, Members of the Commission, David Brookshire did a wonderful job talking about the appointment for confirmation. I have nothing really to add to what he said, other than she's just exceptional in her work nor terms of water resources or resource economics and she is highly qualified and certified in her field of work
and would make a great addition to the committee. COMMISSIONER DE LA CRUZ: Move approval. COUNCILLOR SANCHEZ: Second.

CHAIRWOMAN JONES: We have a motion and a second for approval. Any comments, discussion?
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All those in favor, say yes.

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ALL MEMBERS: Yes.
CHAIRWOMAN JONES: Opposed?
Motion carries unanimously.
(6-0 vote. Agenda Item 9D approved.)
CHAIRWOMAN JONES: Mr. Roth, you're next and last on the agenda.

MR. ROTH: Thank you, Madam Chair.
Members of the Commission, Board, this quarterly performance indicator score card provides a snapshot of how the utility is operating in these key areas. Let me just zoom in here.

These are meant to be intuitive to our stakeholders. This report in front of you is a fiscal year in-to-date performance as measured against our targets. And of the and for Fiscal Year 2016, we met the targets of 20 of the 22 indicators, which is three more than the previous two years.

So I'll just run quickly through some of

1 the indicators. In the customer service category, we met four of the five targets. In this category, with the call responsive time, the only one that we didn't meet the target, which was 69, our target was 90 percent.

Moving to the operation and maintenance category, we met all our targets in this category. Most of these deal with plan maintenance targets, where we want to increase our plan maintenance activities. In fact, our staff not only met our targets but they exceeded their targets in terms of plan maintenance hours, which is really important in reducing the amount of work and time, effort, going towards corrective maintenance.

In the environment category, we met all three targets in this category.

In the compliance, we met two of the three targets. The number of permanent excursions, we had six, and the target was five. But we're on target to achieve what we -- in terms of achieving the civil award, which is recognized through the National Association of Clean Water Agencies.

In the finance category, we met all of targets for our operating and capital budgets. And lastly, in the safety category, we met the target
of injury time. This chart shows reduction of injury time over the last ten years. It's a 90 percent drop decrease in injury hours. And this is what we've been benchmarking with our utilities, and we've just done a tremendous job at reducing our injury hours and making sure our employees are at work, safe and doing their job and getting the work done.

I'll answer any questions.
CHAIRWOMAN JONES: Are there any questions?
MR. PERRY: Mr. Chair, receipt be noted.
CHAIRWOMAN JONES: Second. There's a motion and a second for receipt be noted.

COUNCILLOR SANCHEZ: Madam Chair, real
quickly.
CHAIRWOMAN JONES: Yes.
COUNCILLOR SANCHEZ: Right now, we are 20 of 22, which is a little bit over 90 percent. When will we obtain 100 percent?

MR. ROTH: I think we're on target of reaching 100 percent for this fiscal year.

COUNCILLOR SANCHEZ: Okay.
CHAIRWOMAN JONES: Thank you for that question, Councillor Sanchez.

There's a motion and a second for receipt
be noted. All those in favor, say yes.
ALL MEMBERS: Yes.
CHAIRWOMAN JONES: Opposed?
Motion carries.
(6-0 vote. Receipt noted of Item 9E.)
(Proceedings adjourned.)

STATE OF NEW MEXICO COUNTY OF BERNALILLO

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