



Agenda
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**PUBLIC UTILITIES COMMITTEE
MEETING
CITY COUNCIL CHAMBERS
WEDNESDAY, JULY 2, 2014
REGULAR MEETING – 5:00 P.M.**

1. CALL TO ORDER
2. ROLL CALL
3. APPROVAL OF AGENDA
4. APPROVAL OF CONSENT AGENDA
5. APPROVAL OF MINUTES FROM THE JUNE 4, 2014 PUC MEETING

INFORMATIONAL ITEMS

6. Presentation from NewGen Strategies and Solutions on Comprehensive Solid Waste Management Study for Costs of Services Study. (Lawrence Garcia) (15 min.)
7. Water Conservation in Santa Fe. (Water Conservation Committee, Grace Perez and Tim Michael) (10 min.)

CONSENT AGENDA

8. Status Report on the Environmental Services Division. (Lawrence Garcia)
9. Update on Current Water Supply Status. (Victor Archuleta)
10. Drought, Monsoon and Water Resource Management Update. (Rick Carpenter)
11. Request for approval of RFP '14/42/P for monitoring and other related environmental and engineering services for ground water monitoring for Paseo de Vista post closure regulations. (Lawrence Garcia).

Public Utilities Committee – 7/2/14
Finance Committee – 7/14/14
City Council – 7/30/14

12. Request for approval of Award of Bid # '14/42/B for FY 2014/2015 for Emergency Repair for Operations and Maintenance Contract to Alpha Southwest, Inc. for a contract period of four years with funding to be approved yearly. Initial funding to cover the remainder of FY 2014/2014 is set at a not to exceed compensation of \$175,000.00 exclusive of NMGR. (Bill Huey)

Public Utilities Committee – 7/2/14

Finance Committee – 7/14/14

City Council – 7/30/14

DISCUSSION ITEMS AND ACTION ITEMS

13. Santa Fe County request for access to Master Meter No. 4. (Nick Schiavo)

MATTERS FROM THE PUBLIC

MATTERS FROM THE CITY ATTORNEY

ITEMS FROM STAFF

MATTERS FROM THE COMMITTEE

NEXT MEETING: Wednesday, August 6, 2014 @ Buckman Regional Water Treatment Plant

ADJOURN

PERSONS WITH DISABILITIES IN NEED OF ACCOMMODATIONS, CONTACT THE CITY CLERK'S OFFICE AT 505-955-6520, FIVE (5) WORKING DAYS PRIOR TO THE MEETING DATE.

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Wednesday, July 2, 2014

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**MINUTES OF THE
CITY OF SANTA FE
PUBLIC UTILITIES COMMITTEE
Wednesday, July 2, 2014**

1. CALL TO ORDER

A meeting of the Public Utilities Committee was called to order by Councilor Christopher M. Rivera, Chair, at approximately 5:00 p.m., on Wednesday, May 2, 2014, in the Council Chambers, City Hall, Santa Fe, New Mexico.

2. ROLL CALL

MEMBERS PRESENT:

Councilor Christopher M. Rivera, Chair
Councilor Joseph M. Maestas
Councilor Peter N. Ives
Councilor Bill Dimas

MEMBERS EXCUSED:

Councilor Patti J. Bushee

OTHERS PRESENT:

Nick Schiavo, Acting Public Utilities Director
Stephanie Lopez, Public Utilities
Marcos Martinez, Assistant City Attorney
Melessia Helberg, Stenographer

There was a quorum of the membership present for conducting official business.

NOTE: All items in the Committee packet for all agenda items are incorporated herewith to these minutes by reference. The original Committee packet is on file in the Public Utilities Department.

3. APPROVAL OF AGENDA

MOTION: Councilor Dimas moved, seconded by Councilor Ives, to approve the Agenda as presented

VOTE: The motion was approved on a voice vote, with Councilor Dimas, Councilor Ives and Chair Rivera voting in favor of the motion, no one voting against and Councilor Maestas absent for the vote..

4. APPROVAL OF CONSENT AGENDA

MOTION: Councilor Ives moved, seconded by Councilor Dimas, to approve the following Consent Informational Calendar and Consent Action Calendar as presented.

VOTE: The motion was approved on a voice vote, with Councilor Dimas, Councilor Ives and Chair Rivera voting in favor of the motion, no one voting against and Councilor Maestas absent for the vote..

CONSENT AGENDA

- 8. STATUS REPORT ON THE ENVIRONMENTAL SERVICES DIVISION. (LAWRENCE GARCIA)**
- 9. UPDATE ON CURRENT WATER SUPPLY (VICTOR ARCHULETA)**
- 10. DROUGHT, MONSOON AND WATER RESOURCE MANAGEMENT UPDATE. (RICK CARPENTER)**
- 11. REQUEST FOR APPROVAL OF RFP 14/42/P FOR MONITORING AND OTHER RELATED ENVIRONMENTAL AND ENGINEERING SERVICES FOR GROUND WATER MONITORING FOR PASEO DE VISTA POST CLOSURE REGULATIONS. (LAWRENCE GARCIA) Public Utilities Committee 07/02/14; Finance Committee 07/14/14; and City Council 07/30/14.**
- 12. REQUEST FOR APPROVAL OF BID #14/42B FOR FY 2014/2015 FOR EMERGENCY REPAIR FOR OPERATIONS AND MAINTENANCE CONTRACT TO ALPHA SOUTHWEST, INC., FOR A CONTRACT PERIOD OF FOUR YEARS WITH FUNDING TO BE APPROVED YEARLY. INITIAL FUNDING TO COVER THE REMAINDER OF FY 2014/2014 IS SET AT A NOT TO EXCEED COMPENSATION OF \$175,000, EXCLUSIVE OF NMGRT. (BILL HUEY) Public Utilities Committee 07/02/14; Finance Committee 07/14/14; and City Council 07/30/14.**

5. APPROVAL OF MINUTES FROM THE JUNE 4, 2014 PUC MEETING

MOTION: Councilor Ives moved, seconded by Councilor Dimas, to approve the minutes of the meeting of June 4, 2014, as submitted.

VOTE: The motion was approved unanimously on a voice vote.

Chair Rivera said Councilor Maestas will be here shortly, and he has requested to move Item #13 under Discussion and Actions, to be heard before Informational Items.

Chair Rivera exercised the prerogative of the Chair to move Item #13 under Discussion and Action Items to be heard before the Informational Items

DISCUSSION AND ACTION ITEMS

13. SANTA FE COUNTY REQUEST FOR ACCESS TO MASTER METER NO. 4. (NICK SCHIAVO)

Nick Schiavo presented information on this matter from his Memorandum of June 25, 2014, with attachments, which is in the Committee packet. Please see this Memorandum for specifics of this presentation.

Mr. Schiavo said staff is recommending that access to Master Meter No. 4 be denied until such time as all other master meters have been installed.

The Committee commented and asked questions as follows:

- Councilor Ives asked how long it takes to put in a master meter.

Mr. Schiavo said, once designed, it could be installed within 90-120 days.

- Councilor Ives said in reviewing the annexation agreements, in the agreement regarding water, wastewater and solid waste required by the Settlement Agreement and Mutual Release of Claims, which was a fairly heavily negotiated agreement between the City and County, there is a requirement that with the transfer of billing responsibility, which included the Las Campanas area, the physical infrastructure shall be completed expeditiously thereafter. He asked if this is correct and if that was to happen effectively after July 1, 2013.

Mr. Schiavo said yes, and that is how he reads the provision. He said City staff in the Utility Billing Division handed those customers over in August-September 2013, with the understanding that the master meters would be installed by end of calendar year 2013. The bulk of the customers were turned over, and after that in the following months, other smaller pockets of customers which were shown as part of the annexation agreement, were turned over to the County.

- Councilor Ives asked the status of County's efforts to comply with that provision expeditiously, and how many meters were required.

Mr. Schiavo said staff has been working with the County over the past 10 month and identified key locations where the master meters could be put in to minimize the number of master meters. The master meters are not inexpensive, and we wanted to make sure we didn't have more than absolutely required. He said engineering met with County staff, outlined where the meters need to go, and have had several conversations with them. He said, "Some of the information we got back early on is that the meters weren't budgeted and they didn't have the funding, so they wouldn't be installing the meters right away. Most recently, his conversation with Santa Fe County indicated some of the meters had been budgeted, and they would have some funds for the matching portion.

- Responding to Councilor Ives, Mr. Schiavo said they would need to put in roughly 3 master meters to effectively isolate the area west of 599, so that would be Las Campanas, Aldea and such.
- Councilor Ives said Mr. Schiavo's memo of June 25, 2014, references, 'The Club at Las Campanas (and possibly used to irrigate the private golf course at Las Campanas.' He asked if that was to be based on the engineering done on one meter, or if it would affect all 3 that would serve that general area.

Mr. Schiavo said the County is asking for access to existing Master Meter No. 4, and to the valving within that master meter, so they could use potable water to water the golf course if it can't get raw water from the Buckman Direct Diversion.

- Councilor Ives said he recalls that issue came before us 2 years ago, and caused not insignificant consternation. And at that time there was an emergency in place based on drought conditions. He asked if there is an emergency circumstance underlying this at this point in time that necessitates any action currently, under our agreements to deliver that water.

Mr. Schiavo said, "I am happy to report that this past summer and the summer of 2013, that we have been able to provide all of the raw water from Buckman 2A, so there have not been extended issues where Las Campanas couldn't get water."

- Councilor Ives asked if there is any "suggestion that this will not continue to be the case currently."

Mr. Schiavo said the BDD is fed from the Rio Grande and there have been challenges with flow and sediment, so "I can't sit here and tell you 100% that we'll have water for them."

- Councilor Dimas asked if the County indicated when they think they can get all of the master meters completed.

Mr. Schiavo reiterated he met with the County two weeks ago, and the County has budgeted meters, they were hopeful the budget would be approved, and the intention was to install 2 or 3 of the 6 needed master meters.

- Councilor Dimas asked if the County has indicated when it can get the whole project done so we can move forward.

Mr. Schiavo said, "It's not from a lack of my asking, but no, they have not told me what the final date is to install all of them."

- Councilor Dimas asked when it was supposed to be completed.

Mr. Schiavo said the agreement calls to have all the infrastructure in place. He said, "We probably, the City, should never have turned over any of the accounts, any of the facilities until that infrastructure was built. In the interest of being a good partner, I wanted to let them get those customers and start generating revenue and then come back to build the master meters."

- Responding to the Chair, Mr. Schiavo said one acre foot of water is roughly 300,000 gallons.
- Chair Rivera said then they were using well over a million gallons at that time, and if that was all potable water.

Mr. Schiavo said this is correct, "and during that period of time it would be potable water."

Councilor Maestas arrived at the meeting

- Chair Rivera asked what Las Campanas was using before the BDD.

Mr. Schiavo said they were using a combination of reuse water from the wastewater treatment plant and some well water for the mix.

- Chair Rivera asked if there was a constructed effluent line to Las Campanas.

Mr. Schiavo said yes. He said Las Campanas constructed a tank and all of the infrastructure to run the hard piping to run the water to the pump.

- Chair Rivera asked if the line is still available in the event of emergency.

Mr. Schiavo said, "I understand that the line is still there, the tank is still there, but they removed the pumping equipment and the SCADA equipment which would allow them to remove water remotely, and the pumps to physically move the water. At this point, it would be some work for them to move reuse water to Las Campanas again."

- Chair Rivera said if they did, it would give them the ability to use treated effluent or reclaimed water instead of potable water in cases of emergency.

Mr. Schiavo said Claudia Borchert, Santa Fe County, is here, and she did work on the reuse water allocation. He said, "So there was a lengthy conversation around Las Campanas giving up the reuse water once it had a plan to take raw water from the Buckman Direct Diversion, and she may be able to provide more details."

Mr. Schiavo said, "To answer the Chair's question, it would be some work and some money, and they would have to reinstall pumps and set things back up in order to move the water."

Claudia Borchert, Santa Fe County, said, "Yes, I just wanted to reiterate some of what Nick said, which is that our budget was approved, and so we have money to build the master meters. We estimate that, with the 3 we can build, we can cover 90% of the water the County gets delivered to us, our estimate for when we can get that done is by the end of this year. We already are poised and have the scope pretty much ready to go, and now we just need to go out to bid, and then contract to build it, bid, design and then build."

Ms. Borchert continued, "I also just want to reiterate that part of this agreement falls under the 2005 Water Resources Agreement. And some of the provisions of that agreement are that the City will supply the County 500 afy in perpetuity, and 850 afy when the BDD is down. We call that emergency drought water. And then it also provides for the delivery of that water through various master meter locations. And I see my job, as the Santa Fe County Public Utility Division Director, as making sure that the water gets allocated, that water, which is very precious to us, and we really appreciated, according to the Board of County Commissioners ["BCC"] policies and values. So, in essence the BCC has directed me to ask for you to have that water delivered at one of those master meter locations according to the agreement that was signed in 2005."

- Councilor Ives asked, "Claudia, do you understand that the agreement, regarding wastewater, water and solid waste required by the Settlement Agreement and Mutual Release of Claims entered into by the City and the County, to have modified the 2005 Agreement in any of its particulars."

Ms. Borchert said, "That would probably be a better question for Marcos, Councilor. It is my understanding that it has not, but I don't know that for sure."

- Councilor Ives asked Marcos Martinez to speak to this question.

Marcos Martinez, Assistant City Attorney said, "I would say that it would be read in concert with the 2005 Water Resources Agreement. Claudia has correctly indicated that the County may ask for additional master meters under the 2005 Water Resources Agreement. I guess what I would add to that is that the 2013 Agreement for water, wastewater and solid waste agreements also indicated there would be additional meters that the City agreed would be constructed and purchased by the County in order to serve these facilities. So I think this is a more recent indication of various projects or developments the City and County agreed upon, which would be transferred to the County when the County was able to serve these developments. And I think it needs to be read together with the Water Resources Agreement. I don't think it supercedes it, but this is clearly an agreement of specific developments that the County indicated it would provide master meters to serve those developments."

- Councilor Ives said he had looked at the agreement for water, wastewater, solid waste. He said, "In Section K(1), it talked about, 'Each development requiring a master meter between the City and the County which the City agrees to add to the existing master meters serving the County under the 2006 Water Resources Agreement.' And then there a reference to a 2006 Water Resources

Agreement. I'm only familiar with the 2005 Water Resources agreement. I don't know if anybody knows if there was one in 2006. Presuming there is not, this does seem to modify directly some of the provisions potentially that are in the 2005 Agreement. Honestly, my own sense is, we're not facing an emergency, this water should be available through existing mechanisms and not necessarily be needed. We've gone through a lengthy process of trying to resolve the relationship with regards to water, in part by the County having agreed to put in meters to serve its various customers across the County."

MOTION: Councilor Ives moved, seconded by Councilor Maestas for purposes of discussion, "to postpone this at this point in time in hopes that those meters can be put in, but also simply because we don't have an emergency to worry about that in this context at this moment, so my motion is to postpone it for later consideration, with direction that it be brought back if there was any type of emergency circumstance that would come up necessitating quick action."

DISCUSSION: Councilor Maestas said, "I have some broader questions about this issue. It seems we have several agreements that may need to be reconciled. And since these agreements were crafted, circumstances have changed affecting both governments. And so, as an engineer, I always like to see some viable options. If both sides recognize that circumstances have changed, perhaps we can come to some consensus among appropriate staff in both governments. I still think that we, as decision makers, should have some options, instead of the only option to deny. I'm expecting more in the way of possible decisions in the near future."

Councilor Maestas said, "The other question I have is this City memo that was included in our packet, makes reference to required reporting to the Office of the State Engineer ["OSE"], and I'm wondering what is the urgency and the circumstances surrounding these reporting deadlines. Are we submitting estimated data, incomplete data to the OSE. And if we continue to do this, what are the consequences. So I don't see the true picture in context behind the reporting deadlines and the difficulty in meeting these deadlines because of this situation."

Councilor Maestas continued, "And the additional information that I would like to see is what is the basis for having a drought backup supply. Is there a broader water plan for Las Campanas. Is that an integral part of their water plan, or is this just a simple desire by them, as a stakeholder. If we could get some additional information on the nature and the context behind this requirement to have a drought backup supply. I would like to know if we have been warned by the OSE that we're not meeting reporting deadlines because of this circumstance."

Councilor Maestas continued, "And then I think maybe staff should look at the 2005 and the 2013 agreements, and try and reconcile any issues with those two agreements, and also consider the situation with some of the funding constraints that have been cited in some of the background information, particularly on the County side, with regard to building the additional meters. I know that's a lot. So I would like some information about some of the other issues, and if they are peripheral, that's fine, then we

can focus on the simple request to use Master Meter 4. But if the reporting issues are significant. If the backup supply needs of Las Campanas are an integral part of their water plan, at least their contingency plan, then I think we should consider all of those issues in this decision."

Chair Rivera said, as Ms. Borchert said, potable water is so precious. He asked the reason Las Campanas, in an emergency situation, doesn't want the reclaimed water line again, and asked staff to see if Las Campanas can bring it back up to speed.

Ms. Borchert said, "I can mostly just speak to my involvement when I was still with the City. I think it was in 2011 or 2012, we received a letter from Las Campanas that said they did not want to renew their option for their reclaimed wastewater option. They extended out to 2027, so it must have been in 2012, and they had to renew in 5-year increments. I also understand that the raw water is a better source of supply for their golf course. I also understand they already do use their own reclaimed wastewater to supply about 10% of their golf course's need. So maybe they have reached the conclusion that the mix of reclaimed water with raw water is about the right amount for the needs of the golf course, in terms of the nutrient load."

Chair Rivera said there are two other golf courses in the City, the Marty Sanchez and the Country Club that use treated effluent. He has a hard time understanding what makes this golf course different than the other two that are being serviced by reclaimed water.

Ms. Borchert said, "I don't know the answer to that."

Chair Rivera said, "Nick, regarding Councilor Maestas' idea about reconciling the agreements, I believe both of these agreements were made at joint meetings between the BCC and the Santa Fe City Council. Is that correct?"

Mr. Schiavo said, "I know for a fact that the 2013 agreement for annexation was definitely between both parties at a joint meeting. I'm not 100% sure how the 2005 Water Resource Agreement was adopted."

CLARIFICATION OF THE MOTION: Councilor Ives said, "I would say it is a motion to postpone until emergency circumstances occur, or we can proceed under the terms of the 2013 agreement in connection with annexation."

Councilor Dimas said he is confused as to how long the postponement is going to last and what constitutes an emergency. He agrees with what staff has proposed which is to deny this request, only because we have no idea as to when this will be done, and the meters actually will go in, as per the agreement that was made with the annexation. He asked if there is a postponement, where does that put the City at this point.

Mr. Schiavo said it is going to be difficult for staff to reconcile the volumes of water that are produced, and sold, and what could be potentially leaking. He said, "That gets into a little bit of our concern about what the Office of the State Engineer requires for us to make those calculations and do those estimates. I am hopeful that Santa Fe County is going to put the meters in, and as a suggestion, and maybe this item is

brought back up again in October-November of this year, with an update from staff, or sooner if it seems reasonable."

Councilor Maestas said in the information in the packet, it was mentioned that the cost of the meters to be installed is about \$100,000 per meter, but the County has indicated a financial capacity to build only 2 per year. He asked, "Is it possible to phase the installation of the additional meters, and meet our requirements and the needs of the County and Las Campanas. Or do we need all of them installed."

Mr. Schiavo said, "Without a doubt, the more meters we have installed, the better it is going to be for us to reconcile numbers. And any step forward would be a step in the right direction. And so I don't want to sit here and say I'm going to dig my heels in and demand all 6. Absolutely, just as we turned over the customers with the understanding they would be installed, we are willing to work with the County. As a matter of fact, we offered in the past, rather than having them pay for design, I have engineers on staff who could pretty quickly do this design. We actually have on-call contracts where we could have the pricing set up, the installation involved in a mater. So I would also offer that."

Councilor Maestas said, "I think we've worked with the County before. And if they don't have the resources up front, is there any way the City could possibly finance the installation of the 6 meters under certain terms where the County would reimburse the City. That way, we get this ultimate scenario that we envisioned years ago in place."

Mr. Schiavo said, "Councilor, I'm hesitant to offer any further line of credit to Santa Fe County."

Councilor Maestas asked, "Is their line of credit out. Are they over-extended." Mr. Schiavo said, "Councilor, in my opinion yes."

FRIENDLY AMENDMENT: Councilor Dimas would like to amend the motion to postpone consideration of this item to the meeting of October 1, 2014. Councilor Ives said this seems a perfect time, unless there is an emergency circumstance that would bring it back sooner. **THE AMENDMENT WAS FRIENDLY TO THE MAKER AND SECOND, AND THERE WERE NO OBJECTIONS BY THE OTHER MEMBERS OF THE COMMITTEE.**

VOTE: The motion, as amended, was approved unanimously on a voice vote.

INFORMATIONAL ITEMS

6. PRESENTATION FROM NEWGEN STRATEGIES AND SOLUTIONS ON COMPREHENSIVE SOLID WASTE MANAGEMENT STUDY FOR COSTS OF SERVICES STUDY. (LAWRENCE GARCIA)

A copy of a power point presentation dated June 25, 2014, prepared by NewGen Strategies & Solutions, is incorporated herewith to these minutes as Exhibit "1."

Lawrence Garcia introduced David Yanke, NewGen Strategies, who did the Comprehensive Solid Waste Management Study, and said Mr. Yanke will be presenting the cost of services piece.

David Yanke, NewGen Strategies & Solutions, presented information in this matter via power point presentation. Please see Exhibit "1" for specifics of this presentation. Mr. Yanke said not included in the presentation is their recommendation to expand the commercial recycling program.

Mr. Yanke said the final report will be issued tomorrow or Monday and staff should have it to the Committee in the next 1-2 weeks.

The Committee commented and asked questions as follows:

- Councilor Maestas asked the assumptions used for the rate of inflation, and if it was fixed in the assumption.

Mr. Yanke said there are different inflation rates in the cost of service study for different categories ranging from 2-3%, so these are modest inflation rates. He said when you get the detailed report, there are different inflation rates in the cost of service, noting this is how the financial models are built. There are different inflation assumptions for things such as health care versus fuel costs versus other components, and all of these are listed in the report.

- Councilor Maestas asked, regarding fleet maintenance, if there are any commercial systems such as the Wright system which is used by the feds for its fleet, and if this is a possible option you may have considered for tracking mileage and such.

Mr. Yanke said there are other systems out there, but "quite frankly, I think you have a system that works right now, it's just not used consistently. So I, first of all, would see if you can use the existing system." He said in the report they look at the number of bays versus the number of "vehicles that different cities operate, and mechanics to the number of vehicles." He said Santa Fe is very high in comparison. Santa Fe runs 20 vehicles per person per mechanic in a one-bay facility, versus the standard. He said this causes problems, and what happens is that preventative maintenance doesn't get done, and this is a big issue.

- Councilor Maestas said they made a number of recommendations for recycling operations. He asked Mr. Yanke if he saw anything, other than a lack of public outreach and education, for our dismal diversion rate. He said Santa Fe is a progressive, environmentally sensitive city, and this seems to "dog us." He said there is full agreement on the Governing Body that we want to raise the recycling diversion. He asked if it is market volatility, public education and awareness, should we cost/price this, incentivize/disincentivize it. He asked Mr. Yanke for a brief overview of what he thinks is the issue.

- Mr. Yanke said there are a number of things. He said the report looks at what could happen with recycling if you go to automated, noting it is typical to see a 20-40% bump in recycling in going from a manual to an automated system. He said when there is automation you typically get a bump in the set-out rate, because you make it easier for people to set out the materials. He said they modeled the standard 56% set-out rate and going to a 70-80% set-out rate. They also looked at what the City has been doing historically with cardboard, and what would happen if the City were to grow the commercial program. They think it's practical and reasonable with those programs and would get the City into the 20-24% range with these two programs.

Mr. Yanke continued saying, so you should focus on those. He said they have done the City and County pieces, and the Agency piece is next, and BuRRT is critical to that. He said there will be a section of the report which deals system-wide, which is education, and some things which need to be done, noting the education isn't consistent. He said some of the best recycling programs are close to an end market. One of the reasons they can do glass in the Dallas/Ft. Worth areas is because there is someone who takes glass there. He said Houston is a metroplex with 4 million people, and glass is a pariah there, because they have to haul it to Dallas over 200 miles away, so they say it isn't worth it. He said these things are addressed in the report – education, automated collection – and the key thing is they will address what to do with BuRRT to optimize how to get to end markets.

- Councilor Ives asked if, after we have had a chance to look at the report and the detailed findings, if staff will come back to next meeting so we can pose questions.

Mr. Schiavo said there are two presentations in the budget for this project, so we could have them to come back to this Committee, or save it for a Finance Committee or a City Council meeting.

- Councilor Ives said from his perspective City Council would be fine.
- Councilor Maestas said he sees this as an assessment/audit, noting for financial audits, the staff has the opportunity to respond to the findings and recommendations. He said, "I would like to see a point-by-point response from staff on each and every recommendation, even it is a kind of temporary yes, we will look at this. It would be great for us at some point, maybe not when the Report first comes out, but to give staff the appropriate opportunity to go through each and every recommendation and provide a response. That way, we can be well versed in terms of okay, recommendation number 2 is already in play, recommendation 3 requires these steps. So, Mr. Chairman I think it would be great to have that, maybe staff response on the report recommendations at some point."
- Chair Rivera said this a great idea and asked Mr. Schiavo if he can work that out.

Mr. Schiavo said yes. He said, "Dave has been great to work with. Everyone at NewGen has been great to work with, and I don't think that's going to be hard at all to have staff put that together."

- Chair Rivera asked Mr. Yanke if his assessment was looking at the City as a stand alone facility, or are the efficiencies from Caja del Rio built into your plan for the City.

Mr. Yanke said, "When we issue the Agency section, which we're planning on getting that piece done by mid-August, we will also have, concurrently, another section that is system-wide issues. So the report is going to be pretty thick. There's the County piece, the City piece which you will get, the Agency piece, and it will be one volume, but it will also have a system-wide section. In that section, we will address that issue of what are the potential likelihood of putting these things together that are at the County, at the City, at the Agency into one, solid waste utility. We'll talk about the potential benefits of it, and we'll also talk about, politically, is that something that is doable."

- Councilor Maestas said one of the major issues leading to this assessment, was the governance of solid waste in this region, commenting we do have a lot of entities involved. He said he didn't see anything in here on any recommendations for trying to streamline the governance of solid waste. He asked if his Report addresses that, and if he has insight of how we can do that. Or did he focus strictly on the operations side of the house and not the governance side.

Mr. Yanke said, "What we focused on... we did look at... we focused heavily on the operations, because that's what the guys and gals are doing out there. We focused also on the administrative function. That's why you'll see recommendations throughout there in various sections about information that needs to be gathered, so as managers, you can monitor what is going on with routes over time, fleet service and those things. When it comes to governance, that's a little bit of a different animal. We will be addressing that, because to me governance also means politics. And so we will address that in the system-wide section. What is the ability to do this. And there's a unique opportunity, you have the City and the County that created the Agency, so they're partners."

Chair Rivera thanked Mr. Yanke for his presentation, and said he looks forward to the full report.

Councilor Maestas departed the meeting

7. WATER CONSERVATION IN SANTA FE. (WATER CONSERVATION COMMITTEE, GRACE PEREZ AND TIM MICHAEL)

Laurie Trevizo welcomed members of the Water Conservation Committee ["WCC"] in attendance who serve on the Education and Outreach working group, and they've developed a presentation to offer throughout the City on water conservation – the rules, sources of supply – to start a dialogue with our citizens about water conservation. Ms. Trevizo introduced Grace Perez who has served on the Committee since 2005, and Tim Michael who has served on the Committee since 2012. She introduced the other members of the Water Conservation Committee members in attendance, Lisa Randall and Stephen Wiman, and thanked the other members of the Committee for their hard work. Ms. Trevizo said Councilor Ives chairs the Water Conservation Committee.

Ms. Perez provided a brief history and overview of the Water Conservation Committee. She said the presentation takes about 25 minutes, plus questions and answers, and it would be a disservice to the Committee to try to rush through the details in the presentation when they do it for the public. She said they want to provide the flow of the presentation and the major take-home points they hope every person who attends the presentation will get out of it. She said they want to make the full presentation at a future Committee meeting for the Committee "to see the full glory" of this presentation, and would like the Committee support in acknowledging this is a valuable service that WCC members can provide as an adjunct to what the staff is able to do. She said Albuquerque has done a number of presentations where they provide incentives to attendees such as small rebates off the water bills. Albuquerque now has an Efficient Landscaping two-hour course, and people attending get a free tree or shrub. They will answer questions and would welcome any feedback you have.

Councilor Ives thanked the WCC members in attendance, saying they had been trying to bring this before the Council. He said, "But because of the timeframe involved in providing the presentation, we could never get enough traction with the Clerk's office to do that. Water, I think everybody knows, is one of our most significant resources. Conserving it, is one of our prime objectives. And I will say that in my now several years of experience with the WCC and its members, I've never seen a more hard working group of volunteers doing anything across our City committees. Truly some great expertise in the people who are on the Committee. Tim [Michael] was also the co-author of a 35 page report that analyzed the City's various rebate programs over the years, that we can make available as well."

Councilor Ives continued, "But they've done some very very good work, and this was an effort to try and make sure that we were doing the outreach necessary to get the word about water and water conservation, which is a complex issue within our City given our sources of water and how we use it, to really make that available to the public in a serious way. I would echo what was being said with regard to, if you know of any group across Santa Fe that would be interested in this presentation and hearing about the City's water, how it's used, how we engage in conservation and offering to input, the WCC members stand ready to try and deliver that. So I would only encourage folks to take advantage of that."

Tim Michael presented information from the slide presentation, *Water Conservation in Santa Fe*, which is attached to the Memorandum of June 20, 2014, from Rick Carpenter, Water Resources and Conservation Manager, to the City of Santa Fe Public Utilities Committee, City of Santa Fe Water Conservation Committee and the Buckman Direct Diversion Board, which is in the Committee packet. Please see this slide presentation for specifics of this presentation.

Mr. Michael said the WCC would like this Committee's support in promoting this, your suggestions in where to give future presentations and if you could help provide the resources to make that happen.

The Committee commented and asked questions as follows:

- Councilor Dimas thanked the WCC, saying this is very valuable information. He said, "In my District and probably every District here in Santa Fe, we're always being asked questions about water, how much water we have, is it available, what are the restrictions during the summer and so

forth. This is very valuable information, I think, that the Committee has put together. And I was looking at the presentation, and I'm very impressed with the presentation as it's made. It looks like it's going to make a difference to a lot of people who have a lot of questions about water conservation here in Santa Fe. And Councilor, I commended you on doing an excellent job as the Chair of this Committee over the past several years. I think that people will be interested in hearing this, especially neighborhood associations and people like that are going to be especially interested in getting this information. So kudos to you for doing the job that you do and spending as much time as you've done doing it. I certainly appreciate it. Thank you."

- Councilor Ives said, "I was just going to say if you wanted to talk about some of the groups that you have presented to so far, because I know there have been a number, especially in the construction trades and the like. If you know what those are off the top of your head."

Ms. Perez said, "The presentation was approved toward the end of last year, so there have been a few presentations done to the AIA Architects group, homeowners associations, and that may have been the original presentation by Doug Pushard and Stephen Wiman. A couple of weeks ago, we gave presentations at the Southside Library and the Main Library. We had really low attendance. We're hoping to improve the promotion of the presentation and also to go out to specific groups. We presented to the Association of Realtors."

- Councilor Ives said the presentation also was made to the Homebuilders, commenting he attended that presentation. He said, "I like the notion of trying to stimulate participation at those sessions through some sort of mechanism. In my mind, what the presentation does in great part, is it demystifies Santa Fe's water circumstance. It's something if you haven't looked at it, and don't know where to look, it is probably hard for somebody to put together, but this really covers it from source to end use, talking across the City and also educates people on the measures the City has undertaken by way of conservation, all of which are incredibly valuable. And by giving our citizenry that knowledge, it really gives the opportunity participate more fully in that process. And there will be many more exciting things coming up as this Committee knows, through the new billing system, through new meters that will allow us to tackle those conservation efforts with even greater vigor. So it's an ongoing story, and again, thank you guys for being here. It is fabulous work.... It's a nice committee to be on, and good hard working folks, so thank you guys very much."
- Chair Rivera thanked Ms. Perez, Mr. Michael, and the members of the Water Conservation Committee for the presentation. He said the Water Conservation Committee along with City staff, has been doing a great job which is evident in a lot of the statistics comparing us to other cities. "So I think you've already done a great job."
- Chair Rivera asked Ms. Trevizo if this presentation has been given to the various City departments. He said it's easier to sell conservation to constituents if they know the City is doing everything it can to conserve water..

Ms. Trevizo said this is an excellent idea and, "I'm a little flabbergasted that I didn't think about it." She said they could reconvene and have a discussion with the working group about where it might be appropriate within certain staff meetings or continuing education, something of that nature. She said there are various applications where it would be really relevant, such as Land Use, Parks & Recreation, where they are constantly seeing an influx of people as well as the Parks Department itself. She said she will reach out to those departments, if the WCC is willing to make that commitment.

CONSENT DISCUSSION

No items were removed from Consent for discussion.

MATTERS FROM THE PUBLIC

A copy of *Chronology of Recent Solid Waste and Recycling Plans and Actions in Santa Fe*, entered for the record by Joseph Eigner, Secretary, Eldorado/285 Recycles, is incorporated herewith to these minutes as Exhibit "2."

Joseph Eigner, Eldorado/285 Recycles, said everything you do here affects the recycling efforts we make in the County. He provided a copy of Exhibit "2" to the members of the Committee. He said as Councilor Ives pointed out, Santa Fe leads in water conservation, rebate programs, green building codes and so many areas with one exception, and it's not for lack of trying. He said there have been dozens of studies, hundreds of meetings and thousands of citizen and staff hours devoted to try to improve the recycling rate here with very little obvious returns.

Mr. Eigner said they are excited by the current round of studies by Mr. Dave Yanke. He said they have worked with him on the County report. He said they are disappointed that the first action by the County Commission was to mess up one of the recommendations, costing the County Solid Waste Division about \$200,000 in revenue, but hopefully the BCC will take action on some of the other recommendations. He said they are hopeful that many of the recommendations by Mr. Yanke this evening will receive favorable attention and will be funded. He said they think these would make significant changes in the recycling rate. They are anxious to work with the City, the County and SWMA to make that succeed.

MATTERS FROM THE CITY ATTORNEY

There were no matters from the City Attorney.

ITEMS FROM STAFF

Nick Schiavo introduced Diana Catanach, who is the new Billing Collections Director. He said Ms. Catanach comes with 30 years of experience in billing, collections and customer service, noting she is recently retired from St. Vincent's. He said he is very happy to have her on board.

Chair Rivera welcome Ms. Catanach aboard, saying he remembers her from the hospital.

Councilor Ives welcomed Ms. Catanach as well.

MATTERS FROM THE COMMITTEE

Councilor Ives said the Gallery Association and other businesses on Canyon Road, would love to find out if there is a possibility, working with staff, to bring a more decorative type of solid waste receptacle to the area. He said Canyon Road is covered with art, sculpture, color and all sorts of things designed to attract the eye and the customer. He said some of the sense is that the roll-out trash receptacles are just a little drab. He said this came primarily from Councilor Maestas who had spoken with folks on Canyon Road to see if there was something we could do to make the receptacles a "bit more attractive and festive."

Mr. Schiavo asked if this is mainly for residential carts or did it also include commercial.

Councilor Ives said, "I would imagine it is both, but probably commercial."

NEXT MEETING: WEDNESDAY, AUGUST 6, 2014.

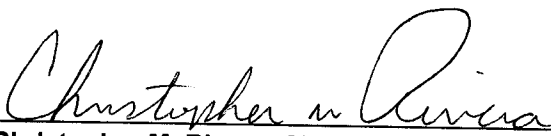
Chair Rivera reminded members that the next meeting will be at the Buckman Regional Water Treatment Plant. He said we can make arrangements for a shuttle, or people can drive their cars, noting the road is paved all the way.

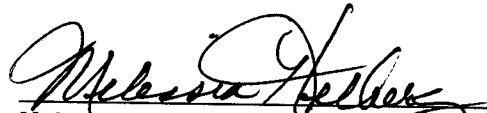
Ms. Lopez asked if the Committee would like to start the meeting earlier.


Chair Rivera said the meeting could start at 4:30 p.m, so we have time to do the tour.

ADJOURN

There was no further business to come before the Committee, and the meeting was adjourned at approximately 6:30 p.m.


Christopher M. Rivera, Chair





Melessia Helberg, Stenographer



July 2, 2014

Public Utility Commission Meeting
City of Santa Fe, New Mexico

Presented by:
David S. Yanke



ECONOMICS STRATEGY STAKEHOLDERS SUSTAINABILITY www.newgenstrategies.net

Purpose of Meeting

- Provide an update on the Solid Waste Assessment & Management Study
- City Sections

Exhibit "1"

City Scope

- Cost of Service
- Residential Refuse Collection
 - Garbage Collection
 - Large Item Collection
- Commercial Refuse Collection
 - Front Load Garbage Collection
 - Rear Load Garbage Collection
 - Roll-Off Garbage Collection
- Recycling Collection
 - Residential Recycling Collection
 - Commercial Commingled Recycling Collection
 - Commercial Cardboard Collection
- Container Maintenance
- Education and outreach
 - Keep Santa Fe Beautiful
 - Sustainable Santa Fe
 - City Activities
- Other Services
 - Fleet Maintenance
 - Administration
 - Special Events
- Disposal
 - Refuse
 - Recycling Processing Cost

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City Scope (cont'd)

- Operations Assessment
 - Residential Collection
 - Commercial Collection
- Done for both assessments:*
 - Staffing
 - Equipment
 - Collection efficiency
 - Routing
- Non-collection
 - Fleet maintenance
 - Container maintenance
 - City ordinance

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City Scope (cont'd)

- Evaluate future programs
 - Automated recycling
 - Glass recycling options
 - Green waste/food waste
 - Additional materials recycled

Cost of Service

Services provided

- Residential Refuse Collection
 - Garbage Collection
 - Large Item Collection
- Commercial Refuse Collection
 - Front Load Garbage Collection
 - Rear Load Garbage Collection
 - Roll-Off Garbage Collection
- Recycling Collection
 - Residential Recycling Collection
 - Commercial Commingled Recycling Collection
 - Commercial Cardboard Collection
- Disposal
 - Refuse
 - Recycling Processing Cost
- Education and outreach
 - Keep Santa Fe Beautiful
 - Sustainable Santa Fe
 - City Activities
- Other Services
 - Fleet Maintenance
 - Administration
 - Special Events
- Container Maintenance

Table 1-2
Revenue Requirement

	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018
Revenue Requirement	\$ 12,710,218	\$ 13,090,693	\$ 13,555,210	\$ 13,863,800	\$ 14,179,826

Residential Revenue Requirement

Table 1-10
Residential Revenue Requirement

	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018
Annual Revenue Requirement¹					
Direct Allocation	\$ 3,718,461	\$ 3,804,997	\$ 3,893,866	\$ 3,965,301	\$ 4,079,378
Overhead/Indirect	\$ 1,448,454	\$ 1,485,209	\$ 1,607,747	\$ 1,646,893	\$ 1,686,652
Total Collection Costs	\$ 5,166,915	\$ 5,290,206	\$ 5,501,614	\$ 5,632,194	\$ 5,766,029
Disposal	1,071,990	1,173,682	1,196,253	1,219,278	1,242,768
Total	\$ 6,238,905	\$ 6,463,888	\$ 6,697,867	\$ 6,851,473	\$ 7,008,797
Billing Units²					
96-gallon Accounts	26,042	28,037	28,037	28,037	28,037
64-gallon Accounts	1,371	1,476	1,476	1,476	1,476
Extra Carts ³	1,371	1,476	1,476	1,476	1,476
Monthly COS					
96-gallon Accounts	\$ 18.52	\$ 17.83	\$ 18.48	\$ 18.90	\$ 19.34
64-gallon Accounts	17.46	16.75	17.39	17.79	18.20
Extra Carts	10.06	9.55	9.76	9.97	10.19

1. Any minor arithmetic deviation is due to rounding.

2. Billing units reflect growth from annexation.

3. Based on number of households with 96- and 64-gallon containers. Assumed 5% of households have extra carts, per City staff. Please note that extra carts are assumed to be 96-gallon containers.

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Residential (Large Item) Revenue Requirement

Table 1-11
Residential (Large Item) Revenue Requirement

	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018
Annual Revenue Requirement¹					
Direct Allocation					
Collection	\$ 73,843	\$ 74,790	\$ 75,765	\$ 76,768	\$ 77,801
Indirect Allocation					
Fleet Maintenance	631	649	668	688	708
Total	\$ 74,474	\$ 75,439	\$ 76,433	\$ 77,456	\$ 78,509
Billing Units					
Annual Collections	252	252	252	252	252
Average Cost per Collection	\$ 295.53	\$ 299.36	\$ 303.31	\$ 307.37	\$ 311.55

1. Any minor arithmetic deviation is due to rounding.

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Current Rate Recovery

Table 1-17
Revenue Projections Based on Current Rates

	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018
Revenue:					
Residential Operations	\$ 4,411,065	\$ 4,898,599	\$ 5,055,308	\$ 5,055,308	\$ 5,055,308
Commercial Refuse Operations	\$ 7,024,559	\$ 7,363,885	\$ 7,583,263	\$ 7,583,263	\$ 7,583,263
Commercial Recycling Operations ¹	\$ 466,258	\$ 466,258	\$ 466,258	\$ 466,258	\$ 466,258
	\$ 11,901,881	\$ 12,728,742	\$ 13,104,829	\$ 13,104,829	\$ 13,104,829
Revenue Requirement²	\$ 12,710,218	\$ 13,090,693	\$ 13,555,210	\$ 13,863,880	\$ 14,179,826
Over / (Under) Recovery					
Annual	N/A ³	(\$ 361,951)	(\$ 450,381)	(\$ 758,971)	(\$ 1,074,997)
Cumulative	N/A	(\$ 361,951)	(\$ 812,333)	(\$ 1,571,304)	(\$ 2,646,301)

1. Includes revenues from commercial cardboard and commingled recycling.

2. As developed in Section 1.5.2 of this report.

3. The over / (under) recovery for FY 2014 was excluded from this report since at the time of this writing, this fiscal year is nearly over. As a result, Leidos would not be able to recommend rates during this timeframe.

2014-2018 Revenue Projections

Proposed Residential Rates

Table 1-18
Proposed Residential Rates

	Rate per Ordinance (Includes 3.2% Adjustment)	Additional Consultant Recommended Rate Increase ¹	Total	Annual Percent Change
FY 2014	\$ 12.96	-	\$ 12.96	-
FY 2015	13.37	1.00	14.37	10.9%
FY 2016	13.90	-	14.90	3.0%
FY 2017	-	1.25	16.05	8.4%
FY 2018	-	1.25	17.30	7.8%

1. The consultant recommended rate increase is in addition to the rate increase authorized by ordinance for FY 2014 - FY 2016.

2014-2018 Proposed Residential Rates

Proposed Rate Revenue Recovery Forecast

Table 16.18
Proposed Rate Revenue Recovery Forecast

	Year 1 FY 2014	Year 2 FY 2015	Year 3 FY 2016	Year 4 FY 2017	Year 5 FY 2018
Revenue					
Residential Operations:					
Refuse	\$4,263,270	\$4,304,222	\$4,344,586	\$4,384,204	\$4,423,580
Additional Cables	640,025	1,655,222	600,410	1,600,010	1,600,010
Large Item	15,415	7,522	7,521	7,521	7,521
Hwy Drop	750	750	750	750	750
Commercial Collection:					
Refuse (Front Load)	\$1,531,595	\$1,411,595	\$1,320,458	\$1,220,458	\$1,120,458
Cables	11,711,000	11,705,000	11,691,000	11,677,000	11,663,000
Refuse (Front Load)					
New Computer	13,770,402	13,112,505	12,441,000	11,761,000	11,081,000
Computer	705,000	705,000	705,000	705,000	705,000
Recycling	1,070,000	1,070,000	1,070,000	1,070,000	1,070,000
Recycling Collection:					
Residential	Included Above	Included Above	Included Above	Included Above	Included Above
Commercial					
Cables	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000	\$1,100,000
Cable	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Total Revenue of Proposed Rates	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000
Revenue (Total) Current	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000	\$17,500,000
Gain (Loss) Recovery					
Refuse	N/A	(\$ 7,735)	(\$ 55,450)	\$630,045	\$1,053,341
Cables	N/A	(\$ 7,735)	(\$ 103,250)	(\$ 64,511)	\$1,053,341

1. All revenue sources were calculated using the appropriate rates and assumptions.
 2. Refuse revenue was calculated using the current rates and assumptions. Revenue from refuse was calculated.
 3. The revenue (loss) recovery for FY 2014 was calculated from the current rates and assumptions. Revenue from refuse was calculated.

Residential Collection Operations

- **Evaluated Collection Efficiency**
 - Refuse
 - Recyclables
- **Set-out Rate for Recycling**
 - At 56%; need to increase to 70-80%
- **Large Item Collection Efficiency**
 - Monitor C&D
 - Split into zones (2)
 - Each zone once per month

Residential Collection Operations (cont'd)

- Automated Recycling
 - Outlay new trucks & containers (\$2.5 million)
 - Annual cost savings \$500,000-\$750,000
- Glass Collection
 - Drop-offs (\$80,000-\$100,000)
 - Subscription (\$12/mo/hh; \$16/mo/business)
- Organics (food, seasonal brush)

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Commercial Collection Operations

- Front load and rear load refuse collection observations:
 - Picking up "air"
 - Some overlapping of routes
 - Need better route data (universal issue)
 - Increase front load lifts to 100-110 per route
- Roll-off observations:
 - Attempt to increase pulls
 - Balance customer needs with "levelized pulls per day"
 - "Grandfathered" compactors – eliminate (or "surcharge")

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Commercial Collection Operations (cont'd)

- Commercial cardboard and commingled route observations:
 - Need better route data (cardboard vs. commingled, number of customers, container size, type of materials)
 - Move to front load collection (where feasible)
 - Offer more than 1X/week collection for cardboard
 - Need better marketing of services/sales tracking

Recommendations Residential and Commercial

1. Measure recycling program success and refocus efforts on recycling public outreach and education.
2. Evaluate distribution of drivers and workers for refuse and recycling operations.
3. Eliminate additional back-up vehicles.
4. Monitor the dependability and annual maintenance cost of vehicles over their useful life.
5. Transition current recycling operation to automated collection.
6. Remove glass from current recycling operation and transition to a glass drop-off program.
7. Evaluate residential and commercial customer interest in glass subscription program.
8. Invest in industry software and data management.

Fleet Maintenance

1. Upgrade the fleet management facility to match the work effort and equipment being operated.
(See picture)
2. Provide training to staff to work on equipment, particularly CNG vehicles.
3. Implement use of data tracking systems to monitor and manage performance of the fleet.



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Fleet Maintenance (cont'd)

4. Enforce use of fuel key system to assure mileage and miles per gallon can be tracked.
5. Develop written operating procedures including written PM practices in accordance with manufacturers' specifications.
6. Investigate reducing back-up equipment.
7. Review staffing levels to assure they are commensurate with work levels.
8. Review the practice of mobilizing two mechanics to field repairs.
9. Investigate increased integration of solid waste fleet maintenance operations with the City's other fleet maintenance activities.

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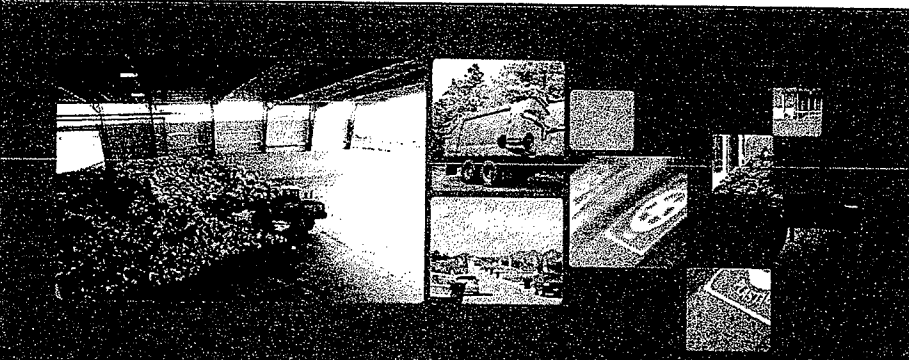
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Container Maintenance

- All containers should have a bar code
- Drivers must report damaged containers
- All containers should be reviewed on a periodic basis
- Track when containers are brought in for repair
- Typical container maintenance shop layout
- Cart maintenance is equally important

Next Steps

- Finish Draft Report
- Incorporate Comments
- Issue Final Report by end of July



Questions or Comments?

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Chronology of Recent Solid Waste and Recycling Plans and Actions in Santa Fe:

SWMA:

- 12/10/2010 Za Engineering submits "Comprehensive Solid Waste Management Plan for City, County, & SWMA".
- 12/15/2010 SWMA adopts the Plan.
- 01/26/2011 City Council adopts the Plan.
- 02/22/2011 BCC adopts the Plan (Resolution 2011-16).
- 8/11-12/12 Solid Waste Advisory Committee (SWAC) Meetings #5 to #9.
- 02/06/2013 SWAC final meeting, #10.
- 07/??/2014 Consultant submits "Solid Waste Assessment & Management Study - SWMA Section".

County:

- 06/08/2010 BCC passes Ordinance 2010-5 prohibiting disposal of recyclable items at transfer stations.
- 10/12/2010 Matt Hughes, Inc. submits "Priorities Survey", SW transfer stations: high priority service for 59% of respondents; should be considered for funding cuts by 28%, not for cuts by 67%.
- 04/10/2012 BCC Resolution 2012-52 establishes Solid Waste Task Force (SWTF) to examine adequacy of SW permits and fees, opportunities for SW program to be self-sufficient, and to evaluate and suggest improvements in the program.
- 7/12- 1/13 SWTF holds monthly meetings.
- 02/12/2013 SWTF presents initial findings to the BCC, including recommendation to fund County SW study.
- Spring 2013 Leidos Engineering contracted to carry out the study.
- Jan. 2014 Leidos Engineering submits "Solid Waste Assessment & Management Study - County Section".
- 03/10/2014 Public Works presents final SWTF recommendations to BCC.
- 03/25/2014 BCC requests two public hearings on extending validity of SW permits for FY 2015 and beyond.
- 03/27/2014 SWTF & staff present draft ordinance as above to BCC.
- 04/29/2014 1st public hearing on above.
- 05/27/2014 2nd hearing, BCC passes Ordinance 2014-6 extending permit validity retroactively to FY 2014.

City:

- ??/??/2008 Council considers, but does not pass Resolution 2008-49 "Disposable Bag Use Reduction".
- 10/29/2008 Council adopts "Sustainable Santa Fe Community Plan".
- May 2012 CBQL Committee forms Grocery Bag Task Force.
- 08/27/2013 Council passes Ordinance 2013-29, Plastic Bag Ban, effective date 02/27/2014.
- 02/26/2014 Council passes Ordinance 2014-13, eliminating 10 cent paper bag fee.
- 02/27/2014 Plastic Bag Ban begins.
- 06/03/2014 "Mayor Gonzales Transition Team Report" submitted to City Council and public, "Tab. 8.0 Public Utilities/Environmental Services Division" deals with SW and recycling.
- 07/??/2014 Consultant submits "Solid Waste Assessment & Management Study - City Section".
- 02/26/2015 Sustainable Santa Fe Commission to present Council with study of the Plastic Bag Ban.