



## MURRAY CITY MUNICIPAL COUNCIL COMMITTEE OF THE WHOLE

The Murray City Municipal Council met as a Committee of the Whole on Tuesday, March 4, 2014, in the Murray City Center, Conference Room #107, 5025 South State Street, Murray Utah.

### Members in Attendance:

Brett Hales	Council Chair
Dave Nicponski	Council Member
D. Blair Camp	Council Member
Jim Brass	Council Member
Diane Turner	Council Member

### Others in Attendance:

Ted Eyre	Mayor	Frank Nakamura	City Attorney
Janet M. Lopez	Council Administrator	Blaine Haacke	General Manager Power
Craig Burnett	Interim Police Chief	Doug Hill	Public Service Director
Jennifer Kennedy	Recorder	Janet Towers	Exec. Asst. to Mayor
Kim Fong	Library Director	Tim Tingey	ADS Director
Jennifer Brass	Resident	Kellie Challburg	Council Office
Georganne Weidenbach	Centurylink	Randy Williams	S.L.C.O. HD
Peri Kinder	Valley Journal	Janie Richardson	GIS
Ben Teran	GIS		

Chairman Hales called the Committee of the Whole meeting to order and welcomed those in attendance.

### Approval of Minutes

Chairman Hales asked for approval or corrections on the minutes from the Committee of the Whole on January 21, 2014. Mr. Brass moved approval. Ms. Turner seconded the motion. All were in favor.

### Business Item #1

### Board and Commission Reports

***Blaine Haacke- Utah Associated Municipal Power Systems (UAMPS) and Intermountain Power Project (IPP).***

Mr. Haacke explained that Murray has a seat on both the UAMPS and the IPA Boards. He said there are a couple of issues: one is the dairy cow vs. stray voltage issue, and the other is coal fired plants that are coming under fire from the EPA with repercussions that would affect Murray City.

The UAMPS board just passed the budget that begins April 1, 2014 – March 31, 2015. It is a balanced budget. There are some cost increases in the two coal fired plants, San Juan and Hunter. This is due to the legislation from the Federal Government in efforts to clean up the air. Prices should remain about the same for wholesale power sales in the next year, approximately \$45 per megawatt hour. As natural gas prices increase, wholesale power sales will increase, stated Mr. Haacke.

The IPA plant that is located in Delta Utah has been told that the stray voltage is harming the dairy cows. There are 18 dairy cow farms that are suing IPA, and in particular, LADWP (Los Angeles Division of Water and Power), the operator of the plant. The farmers claim that voltage is coming up from the ground and causing the dairy cows to produce less milk. The plant is 10 to 15 miles away from the dairy farms, but this issue has been going on for years. The lawsuit finally came to trial in October of last year. There was a scheduled four week trial that began and the plaintiffs tried their case and rested. The defendants argued their case, and were two days away from handing the case to the jury when a minor conversation in the hall between a juror and a bailiff occurred and caused the Judge to declare a mistrial. The case will begin again from step one. Currently, the case is in the same Judge's hands but he will determine if there should be a change in venue in April. Mr. Haacke said the mistrial was basically \$12 million down the drain. The money is being paid by LADWP and their insurers. IPA has paid \$3 million, and anything in excess of that amount would be paid by the insurance company. Mr. Haacke said the farms are asking for \$300 million, and so far only 6 of the 18 farms have joined the lawsuit. After the mistrial, IPA hired a consultant to discuss the case with the jurors. The jurors let them know the pros and cons of the case. IPA was fairly confident that they would have won the case. Mr. Haacke said the case will probably go to trial again in late 2015.

Mr. Nicponski asked if the plaintiffs have any proof of stray voltage harming the dairy cows. Mr. Haacke said that IPA has proved it is not a factor. Readings were taken when the plant was completely shut down, which proves it is not the cause. He mentioned there is always a little bit of static coming from the earth. Mr. Haacke said it is an emotional case for the dairy farmers.

The second issue is the renewal contract. The contract allowed a fuel change for the IPA plant in 2025; the plant would operate with coal until 2027. Due to the restriction that coal energy cannot be brought into California, the plant needs to refuel to natural gas. Of the 23 Utah cities, 22 have signed to agree to that change. The one city that hasn't signed is Monroe City. It has to be unanimous, so IPA is meeting with Monroe City Council to try and get that signature. The issue that Monroe City has is they want a guarantee that there will be coal fired electricity produced until 2027. In 2025, there will be a coal fired plant and a gas plant running parallel to each other. Monroe is concerned about which product they will receive and at what price. Anaheim, Los Angeles, and the other co-ops are ready to sign the agreement. There is a concern as to whether Burbank will sign it. Burbank would like to use the wind farm from Wyoming to make electricity, send to Delta and run a pump to compress the air then use the compressed air in the caverns to run the turbines.

Mr. Haacke stated that some of the EPA legislation is requiring SCR's (Selective Catalytic Reducers) on the smokestacks. It is an executive order from the Federal Administration. The San Juan, Hunter, Price and the IPP plant are all coming under fire. Hundreds of millions of dollars have been spent to install scrubbers, bag houses, and filters on the exhaust pipes of those plants. The EPA has said that is not enough.

The big issue currently is the four corners area, where the EPA is battling the state of New Mexico. New Mexico is a big owner in the San Juan power plant, and wants to install SNCR (Selective Non Catalytic Reducers). The EPA wants SCR's on the stacks, instead of SNCR's. The price difference is substantial, about \$800 million more for SCR's. New Mexico claims that the SNCR's will filter it to 98%, and the EPA is requiring 99%. Everyone is watching to see the outcome of the battle. It will cost Murray City approximately \$100,000 to install SCR's, and about \$20,000 to install SNCR's. The EPA will make this requirement for all the other coal fired plants also.

Mr. Haacke noted that 150 coal fired plants across the county have been shut down since the Obama Administration took office. Mr. Haacke read a quote from the San Francisco Chronicle in 2008, stating Mr. Obama said "a person can build a coal powered plant, but it would bankrupt them because there will be huge fees charged for the greenhouse gases emitted." Mr. Haacke said that coal fired plants are under fire and that quote is proving true. This executive order regarding SCR's from President Obama, through the EPA will affect Murray City. Some people say that the stringent EPA requirements will cause prices to increase close to 50% in the wholesale power market. Mr. Haacke said he can see an increase of possibly 20% to 25% for Murray's customers within the next five years if the SCR's are required.

Mr. Nicponski commented that there is currently a worrisome bill that may pass. This bill would eliminate the legislative oversight and create an environmental board that has the ability to implement stricter standards than the EPA. Mr. Haacke said the current requirement for a new coal fired plant would require sequestration standards that capture the CO2 and let it ferment for several hundred years. There is no current technology for carbon sequestration, so it is not possible to build a new coal plant with the existing standards.

Mr. Nicponski asked if there was any pressure to settle the dairy cow lawsuit. Mr. Haacke replied that it is in the hands of the insurance company. There were two attorneys, one from IPA, and one representing an insurance company called Aegis. Aegis is the insurance company for IPA and stands to lose the most money. The concern is if the dairy farmers win, there is the possibility that the plant would shut down.

Mr. Brass asked if all the factors, such as barn grounding issues, feed troughs, and lights have been evaluated. Mr. Haacke replied that they had and both investigators came to the consensus that there was no stray voltage. Still, the cows are not producing as much milk as cows in neighboring towns. The cows could also be not producing as much milk, because the dairy farms aren't being managed correctly, noted Mr. Haacke. The attorneys have proven that the reduction in milk could be from hormonal chemicals or other factors. Mr. Haacke said the voltage coming from the ground remains constant, whether the plant is running or not.

### ***Doug Hill- TransJordan Cities***

Mr. Hill said there were four minor issues with TransJordan:

- The attorney for TransJordan, Craig Hall, has stepped down to serve an LDS mission, so TransJordan is looking for a new attorney.
- Sandy City is still working with Navitus to get the energy facility up and running. Navitus is working on plans and permits with the State.
- TransJordan signed a contract with Verizon to install a cell tower at the landfill, and is waiting for approval from South Jordan.
- TransJordan is now accepting antifreeze, oil paints, etc. by appointment only.

### ***Kim Fong- Murray City Library***

Ms. Fong said the Library is in a RFP process for a new (ILS) Integrated Library System. This is the computer system that runs the catalog, checks materials in/out, and performs all the daily business transactions. The proposals are due on Friday and then the top contenders will present demonstrations. Ms. Fong is hopeful that the new ILS will be in place by the end of the fiscal year. The RFP process had begun when it was discovered that the Library was in a seven year contract with the existing service. With help from the attorney's office, the Library was able to end the contract, due to the fact that the attorney's office had no knowledge of the contract.

### ***Diane Turner- Legislative Policy Committee (LPC)***

Ms. Turner noted that Ms. Wells had included some notes. Ms. Turner attended the meetings with Ms. Wells, Ms. Lopez, and Mayor Eyre.

Senator Adams joined the LPC Committee to discuss his bill, SB 243, on increasing utility taxes by \$1 per month. This increase would apply to Murray Power bills, and also Questar gas bills. It could add up to a \$24 annual increase for some residents. The bill has been adjusted to give the residents the option to opt-out. Senator Adams stated that the funds could be used for changing school busses to natural gas, as one example. ULCT is opposing this bill, after the explanation was given that thus far outside entities were not allowed to use utility bills as a means for donations. Mayor Eyre commented that this bill would make it the responsibility of Murray City to collect that money and turn it over, and would also be the responsibility of the City to make residents aware of the opt-out option. Ms. Turner said that only about four or five people in the large group supported this bill.

Senator Valentine has stopped SB 190. That bill prohibits utility fees to be charged for telecommunications. This bill would be tracked through the remainder of the session. Mayor Eyre stated that he just received a call from Senator Shiozawa and he was on the floor for the debate of the bill. Mayor Eyre said there was an initial meeting with Senator Valentine and nine other Mayors. At that time, Senator Valentine stated he was opposed to taking a provision out of the bill, but agreed to do so, as long as there was a provision for the economically indigent to opt-out of that program. Senator Valentine stated he would take out the portion that restricted the use of any part of a utility bill to pay down existing debt. The following day, that part had been put back in, so another meeting with the

Mayors was held. Consequently, two of the Mayors in Senator Valentine's area gave their support to remove that portion once again. Mayor Eyre asked if all nine Mayors gave their support, could the bill be withdrawn. Senator Valentine said that would not be sufficient coverage to withdraw the bill. There have been statements made that the bill was scrapped, but it is currently being read on the Senate floor. Senator Shiozawa phoned Mayor Eyre and asked for the specific wordage that the Mayors did not want in the bill. Mayor Eyre complimented Senator Shiozawa on his great efforts.

There are two billboard bills; SB 82 and SB 223. Both bills are sponsored by industry groups that want expanded access. Mayor Eyre stated that those bills are being argued by Woodbury and Reagan. He said that it looks like industry infighting will lead to inaction on both of the bills.

The gun bill, which is HB76, sponsored by Representative Gray is not moving much, and may be dropped again this session. Mr. Nicponski asked if this was the bill that restricted law enforcement officer's right to approach a person. Ms. Turner replied that was correct.

The statewide E-911 bill, HB 155, sponsored by Representative Dee is being adjusted and may have an exception for Salt Lake County to deal with the CAD (Computer Aided Dispatch) issues. Mr. Camp said that bill was substituted for another bill. The substitute bill appears that it could involve Salt Lake County. He noted that the problem was identified in Salt Lake County, but the bill took Salt Lake County out of the plan. Mr. Camp said the substitute bill appears to have an increase in 911 fees, from the original bill.

Ms. Turner added that those bills mentioned, and other bills will be watched closely until the end of the session.

### ***Mayor Eyre- Council of Governments (COG)***

Mayor Eyre commented that it doesn't look like there will be a gas tax this year. There seems to be a consensus to wait for a solid bill, rather than just minor changes this year.

Mayor Eyre met with the Council of Governments (COG) in January. There were eight new Mayors present, so it consisted of introductions and explanations of the different committees. Mayor Eyre will be serving on four different committees: Tourist Recreation and Cultural Conventions (TRCC), the Education Board, the Regional Growth Committee (RGC), and the Human Services and Housing Committee. Ms. Turner asked who serves on the COG committee. Mayor Eyre responded that it was all Mayors within the Salt Lake County at the meeting.

In the February meeting, the Wasatch Front Regional Council (WFRC) explained the annual process of funding for three of their projects: the Statewide Transportation Plans Project, the Congestion Mitigation and Air Quality Projects and the Transportation Alternative Programs.

Another topic of discussion was VECC (Valley Emergency Communications Center) and the advantages of choosing Spillman or Versaterm. There were 2,300 misconnected calls, out of 82,000 calls, which accounts for about 3%. There has been a lot of publicity about missed calls recently. They suggested an RFP for Spillman, Versaterm or other CAD

programs. Mayor Eyre commented that it should be determined that the 2,300 missed calls were due to the use of two different agencies, and not any other reasons.

HB 155 and HB 388 were both discussed. HB 388 is the bill to add a quarter of a cent tax increase to provide additional busses for UTA (Utah Transit Authority). UTA believes the busses are necessary to get citizens to the light rail systems.

### ***Doug Hill- Utah Telecommunications Open Infrastructure Agency (UTOPIA)***

Mr. Hill said that Milestone #1 is still in process on completion for the Marquarie proposal. They are behind schedule and anticipate completion by mid-April. There are a number of tasks in Milestone #1, including talking to the ISP's (Internet Service Providers) and reviewing RFQ's (Request for Qualifications) to build the system.

It has been decided to establish focus groups within Murray City to provide feedback and advice. Council Members have been asked to submit names of individuals.

In addition to SB 190, UTOPIA is also watching HB 60. HB 60 prohibits cities with telecommunication companies (UTOPIA) from expanding service outside the boundaries.

UTOPIA is concerned with the operation subsidy, or OpEx, and has determined how long it can stay above water with the current subsidy being paid by the remaining cities. Two of the six cities, Orem and Lindon, have stopped paying the subsidy. There are only four cities currently paying the subsidy: West Valley, Layton, Midvale and Centerville. Based on the current payment, UTOPIA expects to be out of money by May or June. That would force the UTOPIA Board to either cut the expenses of UTOPIA, or default on the UIA bonds. If there is a default on the UIA bonds, then Murray City would have to pay the pledge, using the Energy Sales & Use tax. Mr. Hill said it looks like Murray City will have to end up paying that fee. He would like Mr. Zollinger to work with UTOPIA to see if expenses could be cut. Mr. Nicponski commented that revenue could be generated to offset the expenses. Mr. Hill said it is a problem because the marketing department may be the first one to be cut when evaluating expenses, but then sales won't increase.

Mr. Hill said the bond language is such that if the bond is defaulted on, all the cities are liable. He believes that might be the most likely scenario. The UTOPIA staff has stated that cuts can't be made without affecting the operation and they need the cities to pay the OpEx. He said it would probably be a threat to default that would require the cities to participate. Mr. Hales asked if the cities automatically pay with the threat of a default, or if it goes to a vote. Mr. Hill replied that it is his understanding that the cities would just pay. He added that if everyone agrees to move forward on the Marquarie proposal, there would not be enough information to make a decision until mid to late summer. There is a concern that UTOPIA may need the subsidy to keep the operation running in order to accurately evaluate the Marquarie proposal.

Marquarie, working with the Steering Committee, which is represented by Tim Tingey and Frank Nakamura, has assembled an excellent fact sheet on the proposal. It is anticipated that information would be available shortly to distribute to the media and the citizens.

Mr. Hill mentioned that it has been discussed to get the elected officials together from all the member agencies to discuss Marquarie. That group has been referred to as the

Legislative Policy Committee, and that meeting will take place after the Legislative Session. Mr. Nicponski asked if that would include the eleven cities. Mr. Hill said it would.

Mayor Eyre stated he attended a meeting last week with nine other Mayors and invited representatives from UTOPIA to the meeting. The UTOPIA representatives gave a good history of UTOPIA and gave good explanations. Laura Lewis was there to explain the financials. There were also four ISP's represented: Xmission, Veracity and two smaller ISP's. UIA representatives have scheduled a separate meeting and will be in attendance. Mr. Hales asked what the opinions of the ISP's were. Mayor Eyre responded that the ISP's are a little up in the air, because it will require capital to make the installations. They are unsure if they will recoup the installation expense with upgrades from the citizens.

Mayor Eyre stated that the City's ability to pay down the debt depends on: HB 190, the citizens upgrading the service, the amount the ISP will pay for the hook-ups, and if the base utility fee can be increased. He stated that all factors are needed in a combination to pay down the debt. The most important element cannot be determined until the end of Milestone #1, and the amount of the utility fee is decided, noted Mayor Eyre.

### ***Justin Zollinger- Utah Infrastructure Agency (UIA)***

Mr. Zollinger commented that Mr. Hill did a good job covering UIA earlier. He added that he would be discouraged if a default was purposefully chosen. He said that would impact the General Fund by about \$500,000. Mr. Hales stated that the threat had been made before. Mr. Zollinger said it was disclosed earlier in the September meeting. Mr. Nicponski asked if that amount was \$350,000. Mr. Zollinger said the entities would have to pay \$350,000 if it is decided not to go with Marquarie, and Murray's portion would be 12%. He clarified that amount would be paid by the entities if an off-ramp was chosen.

Mayor Eyre noted that if the four cities stop paying the OpEx, then the money would run out at the end of May. He asked how long the money would last, if the four cities continue to pay. Mr. Hill replied that he believed it would be close to the end of June, if just those cities continue to pay. Mayor Eyre asked what would happen if all the cities pay just enough money to continue operations until a resolution can be found. Mr. Zollinger said that would be a decision made by the Council. He added that the financial statements do not look good, and will have negative cash flow soon.

Mr. Brass said there needs to be a Plan B, and determine what it would take to get Murray's portion working if the network were to go dark. He said there should be a committee to evaluate what needs to happen, who could run the network, and other factors if the network went dark. Mr. Zollinger recommended that it be a planned decision, without any surprises. Mr. Brass asked Mr. Haacke if the substations could run, if there wasn't any fiber. He replied that without fiber the City would lose control of the substations. He added that it could be re-strung, but would take 8 to 9 months. Mr. Brass added that the fiber is in the ground and the argument could be made that the utility is a necessary element to safety and welfare. Mr. Nakamura said it could be discussed at a future meeting as an agenda item.

***Blair Camp- Valley Emergency Communications Center (VECC)***

Mr. Camp said he has attended one meeting so far. At that meeting, elections were held and Kane Loader was re-elected to his second term as Chairman, and Jim Winder as the Vice-Chairman.

There is still a tug of war going on between VECC, Salt Lake County, and Salt Lake City regarding the CAD (Computer Aided Dispatch) issue. Nobody wants to change from their existing system. The RFP (Request for Proposal) has been drafted, is out for final review and would be voted on March 19<sup>th</sup>. It also depends on HB 155, noted Mr. Camp. Originally, that would require a statewide provider for CAD.

The good news is that the CAD to CAD between Versaterm and Spillman is up and running and seems to be working well. The question now is if anything needs to be fixed; everything seems to be working, commented Mr. Camp.

Budget Committee meetings are beginning shortly, and John Morgan, the Executive Director has stated that the budget would remain the same as last year. Murray has had an increase in the volume of police calls, so there may be an increased charge.

Mr. Nicponski added that VECC is one of the memberships that the cost continues to increase. Mr. Nicponski asked if there was a salary increase proposed. Mr. Camp replied that it was too early to know.

***Blair Camp- Association of Municipal Councils***

Mr. Camp said the January meeting consisted of a lot of introductions, and elections. The Chair is Dennis Tenney, and the Vice-Chair is Coralee Moser from Herriman. Barbara Thomas, the inter-governmental coordinator retired at the end of February, and Sam Klemm will take her place.

February's meeting was a briefing by Mayor Walker and Council Member Jeff Stenquist from Draper to discuss the prison relocation issue. They were really pushing for the prison to relocate and envision a mixed use, high tech commercial development in its place. They asked for support from other cities.

March 18<sup>th</sup> Senator Niederhauser will be hosting the meeting at Mimi's Restaurant in Murray and would give a legislative wrap-up.

There will be no meeting in April, due to the ULCT convention. In May, the UDOT's Region 2 Director will discuss some of the road projects. In June, Greg Hughes would discuss UTA's plans. There is no meeting in July, and August would be a discussion of air quality. In September, Mayor McAdams will discuss unincorporated county boundaries. In October, there are a couple of options, either bonding products, or a discussion of B & C road funds. The General Assembly with COG will be in November, and there will be a legislative meeting with COG in December, and all the Council will be invited.

### ***Jim Brass- Central Valley Water Reclamation***

Mr. Brass was elected Chairman of the Central Valley Board.

Central Valley is researching energy recovery ideas for the plant. There is a RFP to find consultants to help recover more methane. On the east side of the plant, there appears to be two white eggs, those are the digesters. The digesters take a lot of organic waste and a by-product of breaking down that waste is methane. Methane is currently used to off-set the power bill and saves the plant a lot of money. The goal is to become a net- zero facility where all of the energy is generated internally. Central Valley is considering taking in waste from other entities that pay for that service. It would generate revenue, and when electricity is generated, money would be saved on the power bill.

Water quality in the Jordan River remains an issue, and the cost to treat that is increasing. The cost of treatment will impact cities across the State. Natural sources have the largest impact on the river, and are not controllable, commented Mr. Brass. The amount of leaf matter that dumps into the Jordan River increases the nitrogen and phosphorous levels, as the leaves decay in the bottom of the river. The storm water programs and fund are there to help mitigate the amount of junk from the City that goes into the river, and that will save millions.

### ***Jim Brass- Wasatch Front Waste & Recycling District (WFWRD)***

There was a public hearing on the budget for adding a second can for green waste. People were interested in getting a second can, and there wasn't a set price for that. There wasn't anyone there to comment, so it went very quickly.

The next topic was the letter requesting Murray's intent to de-annex from WFWRD that Doug Hill had sent. It went surprisingly well. The position that Murray has always provided services for the citizens, and the desire to provide garbage collection for the entire City was understood and respected. There will be two meetings held with an educational session outlining the differences between the two providers. He believes it may not be as tough as previously thought to go down that path. Ms. Turner mentioned that County Councilman Jim Bradley proposed that WFWRD bid on garbage collection in Murray. Mr. Brass said it has been done before, and WFWRD was not competitive. Mr. Brass said the City would take a look at any bid, but the goal remains to provide services for the citizens.

### ***Tim Tingey- NeighborWorks***

Mr. Tingey serves on the NeighborWorks Salt Lake Board as a representative, and also the Murray Advisory Board. The Murray Advisory Board consists of three bankers and three Murray residents and the Board meets once a month.

One of the key issues is that NeighborWorks provides a dollar for dollar match, and Mr. Tingey tracks that. Currently, there is \$273,000 of private money that is matching the tax increment financing dollars and CDBG (Community Development Block Grants) dollars. That is in addition to the money the City provides for the projects.

The projects include four in the real estate development area: 4747 Box Elder is on the market and an offer has been accepted, 4752 Hanauer, 6521 South and 700 West with construction beginning on a new home this spring, and 6238 South and 340 East has been listed for sale.

The home ownership services includes loans for owner occupied homes, and currently there are five in process. These loans enable repairs such as roof repairs, plumbing repairs, and ADA accessibility improvements.

NeighborWorks is also in the process of trying to acquire some of the problem properties in Murray. Mr. Tingey stated that he is pleased with the progress that NeighborWorks is making and that it is a good partnership. Mr. Nicponski added that it is great that the City has a vehicle for addressing these concerns.

**Business Item #2**

**Salt Lake County Bond Proceeds to the City- Doug Hill**

Mr. Hill said that a few years ago, Salt Lake County imposed a fee on vehicle registrations. Half of that money went to a pot of funds that the County can allocate. Murray has received allocations previously for 4800 South, and also 1300 East and Vine Street.

The County would like to allocate an additional \$200,000 to Murray City to be used for street projects. Mr. Hill will present an agreement to accept those funds at Council Meeting on March 18, 2014. The plan is to use the funds where they are needed on the street projects.

Mr. Hill stated that the credit to secure those funds should go to several Murray officials, as well as lobbyist, Dave Stewart for acquiring those funds.

**Business Item #3**

**Park Center Fees for U.S. Military Veterans- Mayor Eyre**

Mayor Eyre stated that he is aware of many special groups out there and hopes this isn't too controversial. He proposed that U.S. Military Veterans be eligible for the same discount as City employees at the Park Center, that is a 30% reduction in standard fees, and one half of the day rate. He would like the Military Veterans and their families to be honored in this way. Mr. Hales clarified that immediate families of military would be eligible also. Mayor Eyre replied that was correct.

Ms. Turner asked if the Veterans needed to be Murray residents. Mayor Eyre replied that the discount would be the same on either the resident or non-resident fees. Mr. Hill stated that the ordinance is written that any veteran would receive the Murray City employee rate, regardless of whether they live in the City or not.

Mr. Hales asked if everyone would like to move forward with this proposal. Mr. Nicponski said he thought it was an excellent idea. Mr. Brass said to put it on the agenda.

**Business Item #4**

**GIS Applications Designed for Utility Usage- Tim Tingey**

Mr. Tingey introduced Ben Teran and Janie Richardson from the GIS (Government Information Systems) Department. Mr. Tingey explained that GIS is not just mapping, it is data utilization. GIS utilizes data to enhance operations and improve efficiency in many of the different City departments. Mr. Tingey wanted to show the Council some of the creative projects that the GIS department is working on. Staff recently attended "Maps on the Hill", and showed the legislature some of the things that are happening in Murray.

Ms. Richardson complimented Mr. Teran on his creation of some awesome web applications. Several of the utility departments are using the applications on a daily basis.

Mr. Teran showed an impressive movie with custom trailers. The first one showed the main application and from there the different layers; such as power, which shows all the homes affected by a certain power outage. The next presentation was the water map, showing water, sewer and storm water system data all together in one map.

Mr. Nicponski and others complimented GIS staff on a very clever presentation.

Mr. Teran stated that there are three applications for employees to use:

- The Base Map- This is the home page, for City employees to use. It shows such things as owner information, traffic cameras, etc. The UDOT traffic cameras are updated every three minutes, and dispatchers will use it to look at the City, especially in the winter time. There are also road projects shown on the map. If you zoom in, you can see the footprint of the parcel, as well as a street view that shows the house, with contact information. The map has a layer showing garbage and recycling collection days. There is another layer that shows Council Districts. He noted that if you type in 'maps' on the browser, it would take you to the home page on the City network.
- The Power Map- This map shows calls regarding power outages, street light outages, etc. The dispatchers take the information over the phone, enter it into a form and the information is sent to the Operations Manager. If it is an outage, the information is automatically sent to the on- call journeyman. The map would show the outage or problem; once the ticket has been addressed, the symbol falls off the map. There is also a maintenance record for the arborists. Data has been collected on over 4000 trees during the last year. If you click on a tree, it should show you the type of tree, when it was last maintained, and who worked on it.
- The Water Map- This map shows water, sewer and storm water data.

There are tools available to create a custom map, or contact the GIS Department for help in creating it.

Mr. Teran said staff created the first application about a year ago. Usage has increased over time, as employees become more aware of it. There has been over 370 visits to the base map page. GIS hosts different websites, such as the Murray Power intranet site, the Arboretum site, and the Street Signs department, which helps them to track reflectivity of the signs and prioritize them for replacement.

Ms. Richardson mentioned that the Arboretum website is a public website, available to anybody. It points out all the trees in the Arboretum, specifies what type, and shows a picture of the tree.

Mr. Camp asked if the map could be accessed outside of the City network. Mr. Teran replied that those employees in the field use a VPN (Virtual Private Network) network, and he believes the Council could get that same access to have it added to the Council IPAD's.

Ms. Richardson said they are working on public interfacing applications that don't disclose sensitive data, but just basic City information.

Mr. Teran added that they are working on a fire map also. It is an interactive PDF that allows you to click on an apartment complex, for example, and it would give a quicker response to the best access, and the closest fire hydrant, etc. Mr. Teran said they compiled all the 911 data that they received from VECC and created heat maps that show the highest concentration of calls for fire and police. The crimes on the police map are weighted by the severity of the crime.

Mr. Hales thanked Mr. Teran and Ms. Richardson for the great presentation. Mr. Haacke complimented Mr. Teran on his efforts and said the maps have been a huge help for the Power Department.

Mr. Hales adjourned the meeting.

Kellie Challburg  
Council Office Administrator II