



LOVELAND UTILITIES COMMISSION REGULAR MEETING

October 15, 2014 - 4:00 p.m.
Service Center Board Room
200 North Wilson Avenue



AGENDA

4:00 pm - CALL TO ORDER

4:05 pm - APPROVAL OF MINUTES - 9/17/2014 and 9/30/2014

NEW EMPLOYEE INTRODUCTION – Mike Rios and Kyle Doty

CITIZENS REPORTS

Anyone in the audience may address the LUC on any topic relevant to the commission. If the topic is an item on the Consent Agenda, please ask for that item to be removed from the Consent Agenda. Items pulled will be heard at the beginning of the Regular Agenda. Members of the public will be given an opportunity to speak to any item on the Regular Agenda during the Regular Agenda portion of the meeting before the LUC acts upon it. If the topic is an item on the Staff Report, members of the public should address the Commission during this portion of the meeting as no public comment is accepted during the Staff Report portion of the meeting.

Anyone making comment during any portion of tonight's meeting should identify himself or herself and be recognized by the LUC chairman. Please do not interrupt other speakers. Side conversations should be moved outside the Service Center Board Room. Please limit comments to no more than three minutes.

4:10 pm - CONSENT AGENDA

1. 2014 3rd Quarter Goal Updates – Steve Adams
2. Intergovernmental Agreements for Mutual Aid – Garth Silvernale

4:45 pm -

REGULAR AGENDA

3. CBT Market Price Consideration – Greg Dewey

The City of Loveland is committed to providing an equal opportunity for citizens and does not discriminate on the basis of disability, race, age, color, national origin, religion, sexual orientation or gender.

The City will make reasonable accommodations for citizens in accordance with the Americans with Disabilities Act. For more information, please contact the City's ADA Coordinator at bettie.greenberg@cityofloveland.org or 970-962-3319.

The password to the public access wireless network (colguest) is accesswifi.

**LOVELAND UTILITIES COMMISSION
REGULAR MEETING
October 15, 2014 - 4:00 p.m.**

5:15 pm - STAFF REPORT

- 4. Quarterly Financial Report Update – Jim Lees
- 5. Post Fluoride Meeting Update – Chris Matkins

6:30 pm - 6. COMMISSION / COUNCIL REPORTS

7. DIRECTOR'S REPORT

ADJOURN

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The password to the public access wireless network (colguest) is accesswifi.

Commission Members Present: Dan Herlihey, David Schneider (Vice Chair), Gary Hausman, Gene Packer (Chair), Larry Roos, John Rust Jr., Randy Williams (came in during Item 4).

Council Liaison: Troy Krenning (came in during Item 1)

City Staff Members: Allison Prokop, Bob Miller, Brieana Reed-Harmel, Chris Matkins, Darcy Hodge, Garth Silvernale, Greg Dewey, Gretchen Stanford, Jim Lees, Judy Schmidt, Kim O'Field, Larry Howard (came in during item 4), Michelle Stalker, Roger Berg, Steve Adams

CALL TO ORDER: Gene Packer called the meeting to order at 4:03 pm.

APPROVAL OF MINUTES: Gene asked for a motion to approve the minutes of the August 20, 2014 meeting.

Motion: Dan Herlihey made the motion to approve the minutes of the August 20, 2014 meeting.

Second: Dave Schneider seconded the motion. The minutes were approved unanimously.

Comments: none

Gene Packer and Steve Adams stated that John Matis resigned from the board effective immediately.

CONSENT AGENDA

Item 1 and 2 were pulled by Larry Roos from the Consent Agenda.

REGULAR AGENDA

Item 1: Approval of Contract Amendment for Ditesco for the Water Treatment Plant Expansion Project – Roger Berg This is a contract amendment to add construction phase services to Ditesco's existing contract for the Water Treatment Plant Expansion Project.

Recommendation: Adopt a motion to approve the Contract Amendment for Construction Phase services with Ditesco to increase the not-to-exceed amount to \$905,580 and authorize the City Manager to sign the contract amendment order on behalf of the City.

Comments: Larry Roos questioned whether this project is in our budget. Roger Berg informed the board that the cost associated with this project have been included in the 2014 budget. The reason this item is being brought in front of LUC is because the contract amendment amount is in accordance with Municipal Code 3.12.606B, this amendment requires LUC approval since the revised contract amount exceeds \$500,000 and since the increase exceeds 20% of the original contract.

The board inquired where Ditesco is located and staff informed them that Ditesco is located out of Fort Collins. Roos asked the board about why this project cannot be completed by Loveland Water and Power (LWP) staff. Adams mentioned that this is a very large project that LWP cannot coordinate in-house.

Chris Matkins added that the original contract went to City Council, but LUC needs to approve the modifications because of the high project costs. The board and staff discussed the cost benefit of working with Ditesco versus other contractors, as well as the strengths and value of working with Ditesco.

Motion: Dan Herlihey made the motion.

Second: John Rust Jr. seconded the motion. The motion was approved unanimously.

Item 2: Approval of Contract Amendment for CH2M Hill for the Water Treatment Plant Expansion Project – Roger Berg This is a contract amendment to add construction phase services to CH2M Hill's existing contract for the Water Treatment Plant Expansion Project.

Recommendation: Adopt a motion to approve the Contract Amendment for Construction Phase services with CH2M Hill to increase the not-to-exceed amount to \$2,308,129 and authorize the City Manager to sign the contract amendment order on behalf of the City.

Comments: Larry Roos questioned why this item is being brought in front of the LUC board, and whether it was for the same reasons addressed on item 1. Staff informed him that it is the same reason that in accordance with Municipal Code 3.12.606B, this amendment requires LUC approval since the revised contract amount exceeds \$500,000 and since the increase exceeds 20% of the original contract.

Motion: Dan Herlihey made the motion.

Second: John Rust Jr. seconded the motion. The motion was approved unanimously.

Item 3: 2015 Water & Power Schedule of Rates, Charges and Fees – Jim Lees The purpose of this item is to ask the Loveland Utilities Commission to adopt a motion recommending that City Council approve the proposed changes in the Water and Power Schedule of Rates, Charges and Fees for 2015.

Recommendation: Adopt a motion recommending that City Council approve the proposed changes in the Water and Power Schedule of Rates, Charges and Fees for 2015.

Comments: Gene Packer asked if Platte River Power Authority (PRPA) will actually increase their rates. Steve Adams added that they are looking for an adoption in October for the rate increases, but will smooth the rate increase out over a few years.

Larry Roos asked why there are rate adjustments depending on the season of year; he also asked who is in charge of making those rate changes. Jim Lees added that Mark Beauchamp, an LWP partnering consultant working on this project compiles the rate results. Lees added that there are seasonal rate changes because PRPA charges us a higher rate per kilowatt hour (KWH) in the summer due to the higher cost of gas versus the cost of coal. Dave Schneider asked Lees if he could give an estimate for what next year's rates, charges and fees will be. Lees mentioned that the plus or minus 2% will get used where the four major rates classes are within less than 3% of cost of service. Next year LWP will have to take a closer look, but the results at this point show that it will around 2.8%. Lees answered board members questions regarding rate increases for this year and next year and possible rate adjustments. Lees added that Beauchamp informed him that no utility is exactly at cost of service so LWP is in a good position. Roos added that the changes will be spread out over two years. Lees added that the increases will be more on the revenue collection for base charge and not so much KWH costs, and this will ensure a more dependable revenue stream. Adams reminded the board that LWP will be completing a cost of service study every three years to check in and make sure LWP is staying on track. The next cost of service study will be completed next year for the water and wastewater utilities. Roos asked staff how much the cost of service study cost LWP. Lees stated that last year for the power utility, it cost \$45,000 including partnering with a consulting firm. Lees added that water and wastewater costs \$55,000. Gene Packer asked about what the overall cost of power from PRPA is compared to the total cost of service. Lees stated that out of LWP's total power expenses that PRPA costs are 70-73% of the operating expenses.

Roos asked how the base charge is calculated. Lees stated that these are based from the cost of service to be hooked up on the system and he included the types of activities that it covers such as meter reading, administration overhead, etc. Board and staff discussed what other utilities do compared to LWP. Adams added that weather effects the revenue stream and the base charge helps to accommodate for unpredictable weather. Lees agreed and discussed the dispersion of costs.

Gene Packer asked about the five miles of feeder conductor and asked if it is getting replaced or fixed. Lees added that it is getting replaced and discussed how this is calculated into the fees.

Roos asked what commercial business tend to use more water. Lees stated that it was a finding in an LWP study that commercial businesses also peak with water usage when residential customers peak. Chris Matkis added that this may be due to many commercial businesses that have irrigation systems. Packer inquired about the 5 to 1 ratio on a 1 inch compared to a $\frac{3}{4}$ inch diameter water tap whether it is based on usage or physics. Lees stated that this fee is based solely on usage.

Randy Williams asked about construction costs and if that is taken into account. Lees added that it is not but the index will be in next year's rates, charges and fees to reflect what construction costs were from 2014. Roos asked about what other impact fees residents are charged. Matkis added that they are charged community expansion fees for streets, fire, library, parks, etc.

Packer added that these results are pretty remarkable. Roos asked about how many utilities charge impact fees. Lees stated that some utilities do not charge impact fees, but collect additional amounts through their rates. Roos asked if Larimer County charges these fees for people who live outside the city limits. John Rust mentioned that they do charge some, but not as much. Board members discussed how these fees are calculated in Larimer County and what is taken into consideration in this calculation. Dave Schneider added the benefit that LWP has because it has the enterprise system that helps this run smoothly and reflect costs. Roos asked if schools are involved in these impact fees. Rust added that bus transportation and other factors are added into impact fees. Rust informed Roos of how impact fees are calculated and acquired within the school district. The board discussed how these impact fees are calculated and acquired in fire departments.

Gene Packer requested that Lees' PowerPoint read "Annual Average" not "6 Year Average." He complimented Lee's knowledge on the topic as well as his informative PowerPoint. Roos asked if these numbers are typical and how they compare to others. Lees said that they vary over the years and vary over cities depending on how utilities choose to recoup revenue. Rust commented that the LWP rate structure is quite frequently compared to Colorado Springs because they are very similar. Lees added this tends to be very competitive.

Motion: Dan Herlihey made the motion.

Second: Dave Schneider seconded the motion. The motion was approved unanimously.

STAFF REPORTS

Item 4: September 30, 2014 Fluoride Meeting Overview – Chris Matkis This item is to briefly review Staff's proposed format, logistics and preliminary agenda for the special Loveland Utilities Commission meeting on Tuesday, September 30, 2014 regarding citizen opinion with respect to the addition of fluoride to the City's water supply. Staff is requesting the Commission's feedback on the proposed approach to administer this meeting.

Staff Report only. No action required.

Comments: Gene Packer informed the board that presenters will be asked to state their name and address so board members will know which are opinions of residents versus non-residents. Schneider added that LWP is taking a similar approach to the format of City Council meetings. Roos added that he thinks the LUC Chair should direct this meeting. Schneider agreed and added that he would like to limit the amount of repetitive information that is discussed and presented.

Moses Garcia will be representing the City of Loveland's Legal Department at this meeting. Adams added that LWP will also have a police officer present at this meeting. Gretchen Stanford mentioned the press release that has been sent out regarding this meeting as well as the social media posts to invite community members to attend. The board and staff discussed what LWP predicts as far as attendance for the meeting. Packer mentioned that this meeting will be strictly informational and no decision will be made at this meeting. Schneider requested that LWP staff make sure to monitor the flow of traffic for the citizen comment section in order to help comments have a smooth transition.

Roos asked if there will be any discussion in this meeting about what LWP next steps will be. Matkins stated that this information will be covered at the meeting. Rust highlighted that it is important to mention LWP's past circumstances regarding fluoride in the drinking water as well as efforts to fix past problems moving forward. Schneider highlighted the importance of addressing the next steps after this meeting. The board and staff reviewed the meeting agenda. Packer mentioned the importance of presentation time limits during this meeting. Schneider asked if we could provide them with paper and pens for taking notes during the meeting. Staff clarified that Corinne Allen-Ziser is a state representative that will presenting at the meeting.

Dan Herlihey asked if Larry Sarner will have multiple presenters from his group. Matkins added that yes they may have a few speakers within each informational item. Packer added that he would like board members to introduce themselves before the meeting. Adams requested that board members wear name tags and have name tents. Williams asked what other utilities have had similar discussions about fluoride. Matkins added that the City of Fort Collins had similar discussions and they formed a taskforce that researched and came up with policy recommendations on water fluoridation. Fort Collins is still fluoridating at 1.0 parts per million (ppm) after the decision came to a vote from the people. Williams asked if the same groups of people are advocating for their research in our community as other communities. Matkins stated that there are a variety of advocates that are attending and presenting at several meetings in our community regarding fluoride. Roos asked about what the Loveland Water Treatment Plant (WTP) is currently running. Matkins added that LWP is currently targeting 0.7 ppm of fluoride.

Board members asked whether the board member table could be rearranged for this meeting. Packer requested that board members backs are not to the audience but positioned so they can still see the presentations. Packer whether we were limiting the speakers to residents and customers. Judy Schmidt added that everyone should have a time to speak, but they need to specify if they are a Loveland utility customer. Darcy Hodge added that this might be important to inform us whether they are a water utility customer specifically. Schmidt added that she has not done specific research on this, but thinks because this is a public environment forum it should be open to all the public. Packer asked if our presenters will be having additional comments added from people in the citizen comments section. Board and staff discussed ideas on how to keep time during the meeting and the importance to having staff present and to have reserved staff section near the board table. Adams added that we will also have social media input provided to the board.

The board would like a sign in sheet when people come in so we can have a good head count of attendees. Schmidt added that people can refuse if they want, but it would be good to have for the record. Packer and staff asked that the sign in have name, phone number, email and possibly address. Schmidt added that the information gathered should be used to discuss information regarding this topic and similar topics.

Staff added that this meeting will be audio recorded. The board and staff discussed whether this should be video recorded or not and how the microphones will be placed at the board table. Rust asked who is making the request for this to be video recorded. Adams stated that Larry Sarner is making this request. Packer suggested that the first meeting be audio recorded, not video recorded. Packer and the board agreed that there is no need to video record this meeting.

Schneider asked if LWP knows the head count from the Fort Collins and Boulder meetings discussing fluoride. Staff did not know an estimate of attendance from other similar meetings. Rust added that it might be a good thing to add the outcome and next steps to our Loveland newsletter. Packer asked if City Council members will be there. Adams stated that there is not a City Council meeting that night and that they may or may not be there.

Item 5: 2013 Flood Update for the Water & Power Department – Steve Adams Staff will provide an update on the status of flood recovery efforts.

Staff Report only. No action required.

Comments about the 2013 Flood Update: Garth Silvernale stated that everything is pretty quiet in the canyon and that the rebuild is almost complete. LWP is working with CDOT to replace the overhead temporary line in Drake; the line is in the middle of being redesigned. He added that there are some crossed lines near Silverdale in the river that will be rerouted unground.

Chris Matkins added that a crossed sewer main is temporary fixed and had been bid and rebid. This river crossing damage is going out to bid soon. He added that there have been additional river crossing damage that was discovered after the flood that are nearly done with design and will be going out to bid next month. These projects will be covered by FEMA.

Larry Howard added that there are steel beams and concrete being replaced in the Big Dam. He added that there are stones being replaced in this process that are being cut to look historic. The Dillie Tunnel is not back in service. Greg Dewey stated that the Bureau of Reclamation used their available money on the Big Thompson Power Plant and which will leave the Dillie Tunnel repairs for another year. Dewey stated that LWP is still dealing with the aftermath of the Idylwilde Dam. Howard added that LWP is fortunate because the main part of the system was not used the way it was planned because the reservoirs have been full. Packer asked when the Dillie Tunnel will be repaired. Adams stated that it will be the next year.

Randy Williams added that between FEMA and CIRSA payouts, Estes Park is only out \$160,000 due to flood damages. Gretchen Stanford provided an update on the FEMA alternate project. Currently LWP is looking into five properties for solar and options of an inline turbine and a few other options. LWP is working to prepare an economic analysis to help guide the decision making process. Hopefully in November, LWP will present to City Council and the LUC board on recommendations and options.

Darcy Hodge stated that they are providing a bi-monthly report of lost revenue to CIRSA. LWP has received \$3 million from CIRSA, the federal government and the state. Hodge reviewed the breakdown of how the money is being acquired and from what division the money is being delegated. Packer asked how much more money LWP can expect. Hodge added that there will be about \$15 million more coming to LWP. Staff discussed possibly how much will be coming. Roos asked if there are any deadlines for when LWP can expect the funds. Adams informed the board of the process of reimbursement and the required reimbursement procedures. He stated that there are a few concerns being addressed regarding the length of time it has taken to receive funds especially the current review procedures employed by the Office of Emergency Management – State of Colorado. Hodge discussed different funds and how LWP is receiving reimbursement.

Grey Dewey who is part of the Big Thompson River Restoration Collation provided a brief update of current happenings. Dewey stated that the collation is really working together to help with the restoration efforts in the Big Thompson Canyon. The collation's next step is to form a 501.3.c. Non-profit with representatives from around the area. This is similar to what happened after the High Park Fire. He mentioned that there will be more information regarding this topic to come.

Comments: Adams informed the board about LWP attendance at a stakeholder meeting by CDOT regarding the repair of Highway 34. Adams reviewed highlights from this meeting. This included the 16 miles of canyon roads up the Big Thompson Canyon that were rated as most severe, the Federal Highway Administration said that they can reimburse 100% of the cost. Adams mentioned that the concern is that this will create a road that is not uniform width up the canyon, they are trying to work on funding to make sure the road is rebuilt properly. Currently, they are looking to do design in 2015 and construction in 2016, and they project completion in 2017. Adams discussed how the sweeping turns throughout the canyon took the most damage. The solution to fix future problems would be to build a straight road with more bridges. However, this is still the first steps and is still in preliminary stages. Staff will keep the board informed on any further updates.

Adams stated that the Meadows project at the Water Treatment Plant won another award for best response to a flood by staff, contractors, vendors and suppliers. He also stated that we may be receiving another award for water design.

COMMISSION/COUNCIL REPORTS

Item 6: Commission/Council Reports: Activity board members have attended since last meeting – August 20, 2014

Dan Herlihey: none

Dave Schneider: He promoted the Water of the United States and EPA discussion meeting regarding changes in the EPA language. He informed the board that they will have a guest speaker, Patty Limerick.

Gene Packer: He discussed his interests in rock formations and Rocky Mountain National Park and the erosion that takes place. He read a blurb from the Edinburgh Review.

John Rust Jr: Thinks that it's amazing how the new state water laws are being handled. Agreed that it is important for board members to attend meetings such as the State Water Plan. He expressed his opinion about the importance of participation of board members and others at this meeting to make discussions regarding recreation and other issues. He also gave an update on the rebuild of County Road 27.

Larry Roos: Larry informed the board about LED lighting that he has observed, and he thinks LWP should consider a financial incentives for LEDS or sky friendly LED's. Staff stated that this is the goal, but LWP hasn't had the staff to complete this quickly. Roos recommended the books, Big Thirst and Cadillac Desert to the board.

Randy Williams: none

Council Report: Troy Krenning – discussed items recently reviewed by City Council.

Study Session – September 9, 2014

- The City Manager and Budget Officer presented to City Council the City Manager's 2015 Recommended Budget, which includes the 2015 Recommended Capital Program approved in July of 2014. The discussion reviewed revenue projections and major changes to the budget.

Regular Meeting – September 16, 2014

- Home Supply Spillway Agreement Update: City Council pulled this item from the agenda.

1. An Amendment to the January 15, 2014, Agreement between the City and Home Supply to complete additional flood related repairs on the Home Supply's diversion structure on the Big Thompson River, including addition of a gated spillway to provide mitigation against future flood damage.
2. A Phase II Agreement with Home Supply for critical O&M work.

DIRECTOR'S REPORT

Item 7: Director's Report – Steve Adams

Comments: Howard provided the board with an update on the Colorado Water Plan meetings. Topics included supporting water projects and the growing community.

Schneider added that he would prefer that the CAMU report included information from other cities not just Loveland.

INFORMATION ITEMS

Item 8: Financial Report Update – Jim Lees This item summarizes the monthly and year-to-date financials for August 2014.

Staff Report only. No action required.

ADJOURN The meeting was adjourned at 6:29 pm. The next Special LUC Meeting will be September 30, 2014 at 4:00 pm at the Police & Courts Building at 810 E. 10th Street. The next regular meeting will be October 15, 2014 at 4:00pm.

Respectfully submitted,

Allison Prokop
Recording Secretary
Loveland Utilities Commission

LOVELAND UTILITIES COMMISSION
SPECIAL FLUORIDE MEETING
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Commission Members Present: Dan Herlihey, David Schneider (Vice Chair), Gary Hausman, Gene Packer (Chair), Jennifer Gramling, Larry Roos (left during Item 3), John Rust Jr., Randy Williams

Council Liaison: Troy Krenning

City Staff Members: Allison Prokop, Cheri Barricklow, Chris Matkins, Jim Lees, John Perrine, Kent Woodward, Kim O'Field, Larry Howard, Michelle Stalker, Moses Garcia, Nick Marusin, Roger Berg, Ruth Hecker, Shiloh Thompson, Steve Adams, Scott Dickmeyer, Tim Bohling, Tracey Hewson

Guest Attendance: Annette Mollendor, Barbara Case, Bill Moninger, Bob Rummel, Bruce Cooper, Charlene Franklin, Corinne Allen Ziser, Darrall Wright, Dave Mills, David Gilkey, Deb Rogge, Debby Myers, Deborah Foote, Donna Meaders, Dr. James Burnett, Ed Young, Edward Lacy Jr., Ethel Meininger, Greg Hill, Jean McMains, Jim Francum, Jim Welker, John Abegg, John Masslisch, John Meaders, John Weins, Judy Wright, Julie Burnett, Katie Galm, Katya Mauritson, Larry Sarner, Larry Wallace, Laura Milroy, Linda Rosa, Linda Sherrod, Logan Ferguson, Lori Borchardt, Marlene Burnett, Michael McCloud, Richard Sathre, Richard Schilling, Sandra Allen, Sherm Peale, Sherrie Peale, Steve Ballard, Steve Holloway, Theo Mioduski, Toby Derloswin, DDS, Tom Allen, William Bailey, Zack Shelley.

CALL TO ORDER: Gene Packer called the meeting to order at 4:00 pm.

Gene Packer provided an overview of the meeting framework and meeting expectations. The LUC board members provided brief introductions. Chris Matkins introduced select Loveland Water and Power Staff.

STAFF REPORTS

Item 1: City of Loveland Fluoride History – Chris Matkins

This item will provide an overview of the City of Loveland's fluoridation of its drinking water supply.

Staff Report only. No action required.

Comments: Gene Packer asked if Chris Matkins could provide more information about why Loveland Water and Power (LWP) had low fluoride levels over a period of time. Matkins explained that the facilities at the Water Treatment Plant were under construction so the fluoride was not being added to the water supply to bring the fluoride level up to 0.7 parts per million (ppm) during this construction period. He added that the red bars on the graph indicated the background levels of fluoride that were present in the water during this period of construction which ranged from about .2 to .4 ppm.

John Rust Jr. asked Matkins if there is a difference in water fluoridation levels of Big Thompson River water versus water from the Colorado Big Thompson Project (C-BT). Scott Dickmeyer stated that the water from the C-BT has about the same amount of naturally occurring fluoride as the Big Thompson River. However, water from the river tends to have more fluctuations in the naturally occurring fluoride levels.

A citizen inquired which chemical form of fluoride LWP currently adds to the water supply. LWP currently adds a powder form of fluoride called sodium fluorosilicate to the water. LWP will be moving to a liquid form of fluoride in the future because it is safer and can be dosed more accurately. Ruth Hecker added that the liquid is safer because it is more easily contained.

A citizen asked how often fluoride levels are monitored and how long it takes to get a reading on fluoride levels. Matkins stated that readings are taken up to three times per day and LWP also has a constant monitoring system set up that is being read every minute, this is called an Inline Direct System. It has an alarm monitoring system that alerts staff if there are any problems.

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A citizen inquired if the fluoride being added is a pharmaceutical grade product. Matkins added that the chemicals LWP uses are approved for use in water systems and meet purity standards.

Matkins informed the board that the costs to fluoridate Loveland's water runs on average about \$40,000 annually which includes the chemical materials and labor operations and maintenance costs. The current expansion of the Water Treatment Plant includes approximately \$250,000 in initial costs associated with the storing and dosing of the liquid form of fluoride (hydrofluosilic acid).

A citizen inquired on who decides the dosage of fluoride for LWP. Matkins stated that in 1950 City Council directed the addition of fluoride which staff has followed ever since. However, this dosage is an elective amount and not a mandated amount by the state or federal regulations.

A citizen inquired if communities ever choose to not add fluoride to the water. Matkins stated that yes some communities and water utility companies have voted and decided against the addition of fluoride in the water system.

A citizen inquired if Loveland's historical fluoridation dosing report has been available online for the public to view. Matkins stated that fluoridation levels is included in our annual water quality report. In retrospect, LWP should have made the changes in fluoride dosing clear to the public.

A citizen inquired why LWP did not communicate the decision to change fluoride dosing levels to the public. Matkins stated that LWP takes responsibility that there was poor internal communication regarding this issue.

A citizen asked for clarification on the breakdown surrounding fluoride costs. Matkins clarified that the \$250,000 is the upfront cost, to house and store this chemical as part of the Water Treatment Plant Expansion project and that this amount is not an ongoing or yearly cost.

Item 2: Overview of EPA and Health and Human Services (HHS) Center for Disease Regulations and State Standards – Katya Mauritson and Corinne Allen-Ziser

This item will provide an overview of EPA and Health and Human Services (HHS) Center of Disease regulations and state standards.

Staff Report only. No action required.

Comments: Dan Herlihey asked for clarification on the benefits of fluoride. He asked if fluoride in drinking water prevents cavities in just children or protects people of all ages. Katya Mauritson stated on average optimally fluoridated water prevents 25% of cavities across the life span of individuals. She stated that the people who grew up with fluoride in their drinking water see more benefits because they have more prevention from cavities.

INFORMATION ITEMS

Item 3: Fluoridation Presentation – Larry Sarner

This item will summarize material and provide information that supports the addition of fluoride in drinking water.

Information Item only. No action required.

Comments: Co-presenters:

- Adrienne LeBailly, Director, Larimer County Department of Health & Environment
- Bruce Cooper, Medical Director, Health District Northern Larimer County
- Craig Seager, President, Larimer County Dental Society
- William Bailey, CU School of Dental Medicine

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- Myron Allukian Jr., Past President, American Public Health Association.

Gene Packer commended Mr. Sarner for the expertise of his panel. He continued to ask what levels the taskforce in City of Fort Collins deemed appropriate. LaBaily stated that the decision was to have the level between 0.7 to 1.2 parts per million (ppm). They are currently targeting levels around 0.9 ppm. Fort Collins may still be reevaluating this data. Myron Allukian stated that because of fluoride in toothpaste in combination with all of the other fluoridated products that may cause fluorosis. Herlihey asked if the effects of fluorosis are strictly cosmetic. Baily stated that unless it is severe fluorosis the effects are strictly cosmetic. Allukian added that severe fluorosis is very rare. Baily explained the effects of severe fluorosis and the likelihood of getting this. Randy Williams asked if Larry Sarner's panel has a recommendation for Loveland's water fluoridation level. Allukian stated 0.8 to 1.0 ppm, but to target 0.9 ppm due to the average temperatures in the area. Baily stated that it is Loveland decision on what levels they would like to fluoridate the drinking water. Allukian stated that mild fluorosis can be of benefit because it can prevent tooth decay. Bill Bailey stated his recommendation of .7ppm.

John Rust asked what high levels of fluoride can do to the rest of the body. Allukian stated that this will not have any effect on the body it will go to the teeth or bones and the rest will be excreted. There are no negative effects on soft tissue. Rust asked what effect this has on bones. Allukian stated that in low doses there is no negative effect on bones. Baily mentioned there have been studies on hip fractures in women in correlation with fluoride. He said that with low levels of fluoride women are at more risk for bone fractures. Allukian highlighted the studies that have been done to compare IQ with fluoride, and that the studies showed that at the recommended fluoride level, IQ is actually improved on average by 7 points. At very high levels, considerably above the recommended range IQ drops by 7 points on average. Dave Schneider asked the panel what their thoughts are on Loveland's current fluoride levels. Allukian stated that he thinks LWP has a responsibility let the public health community know when there is no fluoride being put in the water. He stated that he would like LWP to go with what the recommendations from CDPHE and HHS when those regulations are finally released. Schneider asked how much fluoride is in bottled water. Allukian stated that all water has a little fluoride in it. Bottled water on average has a 0.1 ppm. Any food or water that has additional levels of fluoride in it, need to be approved by the Food & Drug Administration. He stated that the average child drinks twice as much soda as water and that is his primary concern. He continued to inform the board of how to keep sugar out of kids' diets. Gene Packer thanked Sarner and his panel of experts on their presentation.

Item 4: Fluoridation Presentation – John Meaders

This item will summarize material and provide information that opposes the addition of fluoride in drinking water.

Information Item only. No action required.

Comments: Dave Schneider asked about the Smile Program and what they eliminate fluoride from. Meaders stated that the Smile Program just removes fluoride from water not other products.

John Meaders added that will be providing LWP with the book Fluoride in Drinking Water: A Scientific Review of EPA's Standards. This book will be added to the Loveland Public Library collection. He also made reference to two other books that have been previously added to the Loveland Public Library collection titled; The Fluoride Deception and The Case Against Fluoride: How Hazardous Waste Ended Up in Our Drinking Water and the Bad Science and Powerful Politics That Keep It There.

CITIZEN REPORTS

Item 5: Open-Microphone for Citizen Comments (3 minute limit per citizen)

Anyone who would like to speak to the Loveland Utilities Commission board will have up to three minutes to share their thoughts regarding fluoride in the City of Loveland's drinking water.

Comments: Doctor Richard Schilling, is a Loveland Water Utility Customer. He lives at 963 Logan Court. He is a dentist who has been in practice for over 50 years. He was working in the National Institute of Health and doing clinical work in other countries, and he is the founder of Smiles without Borders. He has 50 years experience in the field. He stated that fluoride has had a positive impact from what he sees. In his early days of practice, he noticed they had just as many fillings as in the years before; he noticed that slowly and slowly this problem has started to change and decrease. He mentioned that he has seen fewer and fewer cavities over the years in his experience in locations where fluoride is being added to drinking water. He stated he was shocked to see that fluoridation in Loveland was discontinued for two years without public notice and added that this could have negative impacts in the future for residents. In his opinion, he stated that it would be disastrous to take fluoride out of the water.

Marlene Burnett lives at 1091 Norway Maple Drive in Loveland. She is a Loveland Water Utility customer. She has been a dental hygienist for 37 years, and she says she can tell how old people are by looking at their teeth and can tell if people grew up drinking fluoride in the water. She believes people need fluoride in the water for development for enamel especially in children and youth. She thinks there needs to be accountability for those in charge of not having fluoride in the water for a few years. She believes that fluoride in the water prevents having to replace cavities in the future.

John Weins lives at 754 Scotch Elm Drive in Loveland. He is not a Loveland Water Utility customer. He said he raises chickens and has for 16 years. He buys Bay chicks and raises them and they usually start laying eggs in March. He said he gave his chick's non-fluoridated water and noticed the matured chicks still laid eggs and actually laid the eggs 3 months earlier than chicks he has previously raised on fluoridated water.

Larry Wallace lives at 3256 Glendevey Drive in Loveland, and he is a Loveland Water Utility customer. He read a brief from a document that stated that fluoride did not prevent tooth decay. He read supporting evidence and documents that stated tooth decay does not correlate with fluoride in drinking water. He thinks that fluoride can be given to people in alternative methods.

Doctor James Burnett's address is P.O. Box 2531 in Loveland. He is not a Loveland Water Utility customer. He has a doctorate in physics and thinks there is a problem with the safety in manufacturing of these chemicals. He thinks there are problems with fluoridation. He believes the 1950 studies information can be dismissed because they lack statically significant evidence. Recent research states that there is research that supports DNA damage from fluoridation in drinking water. He stated that fluoridation has no measurable benefit to tooth decay or to the body itself. It can cause damage to the cells normal function which can possibly lead to cancer. He stated that fluoride can also effect people's IQ levels. He thinks fluoride is a toxic chemical and should be illegal for many reasons. He stated that it is illegal to put fluoride in water unless LWP has an overwhelming supporting of evidence to prove it is helpful. He thinks it can be distributed to people in other methods and believes that Loveland is feeding people dangerous chemicals. He added that he thinks we should hire outside scientists to prove if there is a benefit to Loveland citizen's teeth; otherwise, he recommends we use other methods.

Julie Burnett's address is P.O. Box 2531 in Loveland. She is not a Loveland Water Utility customer. She congratulated John Meaders on going against the grain. She stated that many developed countries show that tooth decay trends are decreasing. She stated that this may prove that fluoride is not of any benefit. She added that she had fluorosis and thinks there are many causes for fluorosis besides fluoridation of the water. She agreed that there is scientific evidence that supports both sides.

Greg Hill lives at 8301 E Prentice Ave in Greenwood Village Colorado. He is not a Loveland Water Utility customer. He thanked the LUC for having the meeting and stated that he is the Executive Director for the Colorado Dental Association. He is from Kansas and stated he was very impressed with the panel Sarner put together. He thinks there should be something to be said for the companies

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that support fluoridation. He added that he thinks this should be given a second look, and believes fluoride in drinking water is a safe effective method.

Debby Myers lives at 1106 SW 23th St in Loveland. She is a Loveland Water Utility customer. She is a practicing dental hygienist and advocates for the Cavity Free at 3 Program. She thinks fluoride needs to be given at optimum levels to help people in the lower socio-economic status and those who are at higher risk. She thinks it is her responsibility to see the science and she says it is there.

Deborah Foote's address is P.O. Box 1335 in Nederland. She is not a Loveland Water Utility customer. She is the Executive Director of Oral Health Colorado, and their mission is to assure oral health is available to all. She thanked the commission for their commitment to public health. She stated that Europe fluoridates a different way which is through salt and other mechanisms including milk. So, other countries are fluoridating and that is why there is a decline in tooth decay in other countries that do not fluoridate their water.

Laura Milroy works at 2996 Ginnala Drive in Loveland. She is not Loveland Water Utility customer. She works at Endodontics of the Rockies. She mentioned the importance of looking at the quality of the studies surrounding the fluoridation issue and clarified that the study Meaders referred to shows results that indicate no correlation between osteosarcoma and fluoride. She added that if we could educate every child and every family that would be ideal but says that that is not always coming to be the case. She added that it is heartbreaking to see root canals being done on children and that fluoride can help prevent that.

Ethel Meininger who lives at 2874 Chickadee in Loveland and is not a Loveland Water Utility customer. She worked with the researcher to help with the NIH Grant. She described a 1945 study in which Colorado Springs residents' oral health were compared to residents from non-fluoridating cities. She stated that the research was so strong depicting the positive benefits of fluoridated water that the non-fluoridating cities requested fluoride be added to their water supply. She said that she was associated with those developers who created the original fluoride standards. Her opinion is that that a steady amount of fluoride is actually needed and can be a community benefit.

Jim Franckum, a retired dentist who lives at 1781 Stove Prairie in Loveland, is a Loveland Water Utility customer. He stated that there is low levels of naturally occurring fluoride in the water. He talked about fluoride in high dosage can be dangerous, but in the right dosage can be a benefit.

Linda Rosa is a Loveland Water Utility customer who lives at 711 W. 9th Street in Loveland. She is a registered nurse and has seen many effects of tooth decay. She wants to encourage the LUC to put 1.0 ppm in the water supply. She thinks we owe it to children to put fluoride in the water. She stated that fluoride is an essential nutrient because of the vast variety of benefits. She added that fluoride also acts topically and helps protect the teeth inside the mouth. She mentioned that when Fort Collins was compiling their research that they requested to talk with pathologists. She concluded that using Xylitol is an expensive option and should not be considered moving forward.

Richard Sathre lives at 2004 W 15th Street. He is not a Loveland Water Utility customer. He has a local dentistry practice in Loveland. He began by thanking the board for the opportunity to discuss this important topic. He said he has seen firsthand the difference between people who have received fluoride in their water and those who have not. He stated that in his opinion that there are many benefits to providing fluoridated water for those in the low socio-economic status as preventative care. However, he feels they can get this preventative method in multiple facets.

Logan Ferguson lives at 4832 Basswood Drive in Loveland. He is a Loveland Water Utility customer. He thinks the decision should be brought for voters to decide not just the LUC. He would like the people to decide for themselves. He thinks there is an importance to fluoride in drinking water and how

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it relates to dental hygiene. His concern is the levels that people consume which he feels LWP cannot control. He is on the fence on this issue and would like to see more information on each side.

Katie Galm resides at 2895 Ariel Drive in Loveland, and she is a Loveland Water Utility customer. She is a pediatric dentist. She stated that she supports optimum levels of fluoridation in Loveland's drinking water. She stated that there are many creditable scientific sources that are pro-fluoride. She agrees that incorporating fluoride in the water helps reduce tooth decay and cavities. She thinks children need fluoride in drinking water to help with long-term oral health benefits. She also added that she is disappointed that LWP was not fluoridating for a period of time during the Water Treatment Plant construction.

Gene Packer thanked everyone in attendance for their interest in fluoride in Loveland's drinking water. He stated that LUC will be discussing the appropriate next steps regarding this issue.

ADJOURN The meeting was adjourned at 7:59 pm. The next Special LUC Meeting will be October 8, 2014 at 4:00 pm. The next regular meeting will be October 15, 2014 at 4:00pm.

Respectfully submitted,

Allison Prokop
Recording Secretary
Loveland Utilities Commission



CITY OF LOVELAND

WATER & POWER DEPARTMENT

200 North Wilson • Loveland, Colorado 80537

(970) 962-3000 • FAX (970) 962-3400 • TDD (970) 962-2620

AGENDA ITEM: 1

MEETING DATE: 10/15/2014

SUBMITTED BY: Steve Adams, Director

AP for SA

TITLE: 2014 3rd Quarter Goal Updates

DESCRIPTION:

This is a quarterly review of our progress on our 2014 utility goals.

SUMMARY:

Review 2014 utility goals and the 3rd Quarter updates.

RECOMMENDATION:

Discuss the presented information and approve the 3rd Quarter 2014 Goals and Quarterly Update Report.

REVIEWED BY DIRECTOR:

AP for SA

ATTACHMENTS:

- Attachment A: 2014 3rd Quarter Goals Update

Attachment A

2014 Goals & Quarterly Updates	Comp Plan #	Est. Completion	Actual Completion
1 Implement Priority-Based Budgeting (PBB)		May 2014	
Q3 Update: The completed PBB model based on the 2014 budget is still in the hands of Staff and the Citizen Finance Advisory Committee (CFAC). CFAC has been shown how to operate the model and has done some deliberating on recommendations. The process of reviewing low priority programs and cost recovery strategies will continue through the next year.			
2 Support the transition of the City's payroll processing to Innoprise software		April 2014	April 2014
Q3 Update: Some efficiencies to the new system have already been implemented. Report generation capabilities have been enhanced since the initial transition which has allowed for more user-friendly information being made available to managers and also has made the editing process of the inputted payroll data easier.			
3 Provide support for Coincident Peak (CP) Demand customers to maximize customer savings	11C.3.4 - Power	On-going	
Q3 Update: Staff continues to work through learning the functionality of the program before we begin training on the portal software. We are hopeful to begin training before the end of the quarter. Staff continues to work with CP customers on how to best use the rate to reduce demand during peak hours.			
4 Adopt the changes to the Requirements for Electric Service Book	11C.2.2 - Power	4th Qtr 2014	
Q3 Update: The Requirements for Electric Service Handbook is being reviewed by the City Attorney's office prior to presentation before City Council. Revisions pending upon the extent of changes the Handbook may be returned back to LUC for review are required to the interconnections standards.			
5 Adopt an updated Electric Extension Policy and amend the Water Extension Policy	11B.1.1 - Water 11C.1.1 - Power	February 2014	1st Qtr 2014
Q3 Update: Item completed			
6 Implement an LED streetlight policy	11C1.1 - Power 11C.3.1 - Power	On-going	
Q3 Update: LED trials are being conducted for ornamental streetlights used in subdivisions, such as the Lakes at Centerra. Staff has been meeting with staff at the National Park Service to explore the viability of night skies compliant requirements in the standards.			
7 Discuss the possibility of increasing renewable energy credits.	Power 11C.3.2	On-going	
Q3 Update: Staff continues to evaluate how the FEMA Alternate Project funds will be spent and how that might impact our renewable energy portfolio. Platte River Power Authority's (PRPA) request for proposal is on the streets for installing 30 megawatts of solar at Rawhide Energy Station and we will know if the PRPA Board members approve this purchase in December which will increase our renewable energy credits.			
8 Support the Planning Department's Comprehensive planning efforts in the following areas:	11B.3.2 - Water 11C.3.2 - Power 11D.3.2 - Wastewater		
a) Master Plan for Development of Highway 287 in Loveland		July 2015	
Q3 Update: Open houses were scheduled for September 28, 2014 and October 7, 2014 to discuss the proposed vision.			
b) Master Plan for Development of the Highway 402 Corridor		End of 2014	
Q3 Update: No action has been taken since the last quarter.			
c) Downtown Revitalization Efforts		On-going	
Q3 Update: LWP's participation on the Loveland Downtown Team is coming to a close. A new group of constituents will be taking over the downtown work, their title is still being discussed. Their proposal will be presented to City Council on October 14, 2014.			

2014 Goals & Quarterly Updates	Comp Plan #	Est. Completion	Actual Completion
d) Comprehensive Plan Update		End of 2014	
Q3 Update: This is currently in process and is scheduled to be completed by the end of 2014 according to Long Range Planning. Staff continues to participate in the Technical Advisory Committee workshops regarding utility interests in this project. Important topics include water conservation through land use, efficient utility service through higher density planning, coordination of Utility needs to support Downtown Redevelopment, and continued undergrounding of power in coordinated projects.			
9 Create a Strategic Plan for the Water, Wastewater and Power Utilities	11B.1.2 - Water 11C.1.2 - Power 11D.1.2 - Wastewater	2015	
Q3 Update: All Utilities: We have started the process of creating a strategic plan by updating the 10-year staffing plan, 10-year facility plan, and reviewing the 10-year list of capital improvement projects. Power Utility: We have reviewed PRPA's strategic plan to determine what elements of there plan should also be included in our plan. This item will be initiated in 2015.			
10 Continue the 2013 Flood restoration and service recovery efforts		On-going	
Q3 Update: Power: Sylvan Dale: Engineering has released the design for rerouting of the single phase primary wire that crosses the Big Thompson (BT) River along the east side of the property. The proposal is to underground the system by following CR23H from the south access to Sylvan Dale Ranch, heading east along the county road and intercepting the existing overhead lines near the location that they currently cross the BT River. Once completed this project will eliminate our exposure of having an overhead line in the flood plan. General Overview 1. For the most part, the large rebuild/restoration work in the Big Thompson Canyon (BTC) has been completed. 2. We continue to energize individual homes throughout the BTC following state inspection. 3. Engineering will be putting a plan together to reroute the lines through the Bartram Park Area. This may not happen until 2015 or later.			
Water: Meadows Transmission Main Replacement - Layne Heavy Civil is re-mobilizing to the Meadows site on Monday, October 13, 2014 to start Phase II of the project. Phase II, to be completed before the end of the year includes the installation of a vault housing valves on the existing 48" line at the downstream end of the Meadows. This valve vault will tie the two 48" waterlines together allowing greater future flexibility for maintenance and to respond to emergencies. Additionally, they will remove and replace approximately 650' of the existing 48" steel waterline that was damaged, yet remained in operation, during the September 2013 flooding. Phase II will also include additional river bank reinforcement, the completion of an all-weather road though the Meadows, and seeding of the area. 36" Steel Waterline Crossings – As of early October a design to replace damaged pipe at two 36" steel and two 20" cast iron Big Thompson River crossings is at the 75% level. The City has received bids to procure butterfly valves for the project and will received bids for the necessary steel pipe on Tuesday, October 7, 2014 (contract to be awarded to the installing contractor in the future). The team hopes to bid the construction project on November 13, 2014 and award a contract in early December. Coinciding with this is the need to acquire temporary construction easements at numerous locations. Lincoln Avenue 8" Waterline and Fire Training Grounds (Fairgrounds Park) 6" Waterlines - An existing 8" waterline along the west side of the Lincoln Avenue bridge over the Big Thompson River and a 6" waterline beneath the Big Thompson River from the Fire Training Grounds to Fairgrounds Park were destroyed during the flooding in September 2013. The replacement waterlines design is presently nearing completion and should be constructed during the winter of 2014 through the spring of 2015. These waterlines will be re-installed using directional drill methodology into the hard bedrock beneath the river bottom. Installing in this material will prevent them from being washed out in future flood events. Wastewater: Southside Lift Station 20" Sanitary Sewer Force main – This project which includes the replacement of the existing damaged 20" forcemain as well as a parallel smaller forcemain and electrical conduit, is slated to receive bids on October 9, 2014. This project was bid in March 2014, but due to area contractors being extraordinarily busy and the significant risk of doing the work so close to anticipated high river flows, there was only one bid and the City decided to postpone. Construction is to be completed by March 15, 2015.			

2014 Goals & Quarterly Updates		Comp Plan #	Est. Completion	Actual Completion
11	Further develop the Asset Management Program in the Water and Wastewater Utilities	11B.3.3 - Water 11D.2.2 - Wastewater 11D3.1 - Wastewater	On-going	
12	Develop a more robust Water Division Safety Program with increased accountability and program measurement		On-going	
13	Redefine the Key Accounts program		On-going	
14	Complete a residential and commercial customer survey to help define satisfaction and direction for Loveland Water and Power	18.2.2 - All 18.2.3 - All	August 2014	July 2014
15	Update and adopt the Sustainability Plan	11B.1.2 - Water 11C.1.2 - Power 11D.1.2 - Wastewater		
16	Work with Platte River Power Authority to complete an Integrated Resource Plan which is part of the Implementation of their Strategic Plan	11C.1.2 - Power	4th QTR 2014	
17	Seek out opportunities to acquire additional shares of CBT water at reasonable prices	11B.1.2 - Water	On-going	



CITY OF LOVELAND

WATER & POWER DEPARTMENT

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AGENDA ITEM: 2

MEETING DATE: 10/15/2014

SUBMITTED BY: Garth Silvernale, Power Operations Supervisor

TITLE: Intergovernmental Agreements for Mutual Aid – Power Operations

DESCRIPTION:

Proposed Intergovernmental Agreement (IGA) as shown in Attachment A for mutual aid assistance between the City of Loveland, the Town of Estes Park, the City of Fort Collins, the City of Longmont and Platte River Power Authority.

SUMMARY:

Loveland Water and Power along with the Town of Estes Park, Cities of Longmont and Fort Collins and Platte River Power Authority are proposing to enter into an IGA for mutual aid in the area of power operations. The staffs' from each of these organizations have worked on this for several months and all support the draft as presented so far.

Mutual aid agreements are an essential element of an electric utility's operational response plan. They enable utilities to call upon the mutual aid parties to assist with resources such as manpower, tools, equipment, stock items, etc. Establishing this agreement will provide Loveland Water and Power prior defined operational assistance to call upon when needed.

RECOMMENDATION:

Adopt a motion recommending that the City Council approve the Intergovernmental Agreement with the Town of Estes Park, the City of Fort Collins, the City of Longmont and Platte River Power Authority for power operations mutual aid.

REVIEWED BY DIRECTOR:

ATTACHMENTS:

- Attachment A: Intergovernmental Agreement for Mutual Aid – Power Operations

Attachment A

INTERGOVERNMENTAL AGREEMENT FOR MUTUAL AID – POWER OPERATIONS

THIS INTERGOVERNMENTAL AGREEMENT (“Agreement”) is made and entered into this _____ day of _____, 2014, by and between THE TOWN OF ESTES PARK, COLORADO, a municipal corporation, THE CITY OF FORT COLLINS, COLORADO, a municipal corporation, THE CITY OF LONGMONT, COLORADO, a municipal corporation, and THE CITY OF LOVELAND, COLORADO, a municipal corporation (collectively, the “Municipalities”), and PLATTE RIVER POWER AUTHORITY, a political subdivision of the State of Colorado (“Platte River”) (each a “Party,” and collectively, the “Parties”).

WITNESSETH:

WHEREAS, C.R.S. § 29-1-201 permits and encourages governments to make the most efficient and effective use of their powers and responsibilities by cooperating and contracting with other governments; and

WHEREAS, C.R.S. § 29-1-203 authorizes governments to cooperate or contract with one another to provide any function, service, or facility lawfully authorized to each; and

WHEREAS, the Municipalities own and maintain power distribution facilities whereby they supply their respective customers with power and energy; and

WHEREAS, Platte River owns and maintains power generation and transmission facilities for the benefit of the Municipalities, which are member owners of Platte River; and

WHEREAS, the Municipalities and Platte River desire to cooperate and contract with one another to provide essential services during critical periods when a Party determines additional resources are necessary to maintain the safe and efficient operation of power and energy facilities and services, not to include disaster or emergency events; and

WHEREAS, neither the Municipalities nor Platte River desire for this Agreement to interfere with or supersede the provision of mutual aid under that separate Intergovernmental Agreement for Disaster-Emergency Mutual Aid and Disaster-Emergency Funding Assistance, executed contemporaneous with this Agreement, between the Parties and other regional entities.

NOW, THEREFORE, in consideration of the mutual promises and commitments made herein, the Parties agree as follows:

1. Definitions.

- A. “Requesting Party” shall mean the Party requesting aid under this Agreement.
- B. “Aiding Party” shall mean the Party responding to a request for aid under this Agreement.
- C. “Authorized Representative” shall mean the person responsible for managing a Party’s

response and activities under this Agreement.

2. Provision of Mutual Aid. Subject to the limitations and conditions set forth in this Agreement, the Parties agree to work cooperatively and collaboratively to provide mutual aid, assistance, and support, in the form of personnel, equipment, vehicles, materials, and supplies, in order to prevent, minimize, or mitigate the impacts of any event that threatens public health, safety, or welfare.
3. Request for Aid. The Requesting Party shall make its request in writing to the Aiding Party with reasonable specificity. The Requesting Party agrees to compensate the Aiding Party as specified in this Agreement, or as may later be negotiated and agreed to by the Parties.
4. Discretionary Rendering of Aid. Rendering of aid is entirely at the discretion of the Aiding Party and shall not be contingent upon a declaration of a major disaster or emergency by the federal government or upon receiving federal funds. The Aiding Party shall determine, in its sole discretion, the level and amount of resources, including equipment and personnel, to be devoted in response to any request for aid. Neither the Aiding Party nor the Requesting Party shall in any way be liable to the other or to any person, firm, or corporation for the determination to supply or not to supply, or to limit the amount of aid supplied, upon such request following such determination.
5. Authorized Representatives. In connection with each request for aid, the Parties shall designate an Authorized Representative to manage the Party's response and cooperative activities hereunder.
6. Response to Request for Aid. The Aiding Party shall report to the Requesting Party's Authorized Representative for assignment of duties. The Requesting Party's Authorized Representative shall direct and coordinate all activities; provided, however, that the Aiding Party's Authorized Representative shall remain in direct charge of all personnel and resources assigned to him or her to assist in providing aid, and shall be responsible for ensuring that appropriate staffing, training, and supervision have been provided to those rendering assistance on behalf of the Aiding Party. The Aiding Party may refuse to perform requested acts it deems inappropriate or that it is unable to perform under the circumstances.
7. No Employment Relationship. Notwithstanding the provision of aid as set forth in this Agreement, the personnel of the Aiding Party shall not be considered the employees or agents of the Requesting Party.
8. Recall of Aid. The Aiding Party reserves the right to recall its personnel, equipment, materials, supplies, and other resources at any time. The Aiding Party will endeavor to give the Requesting Party at least twenty-four (24) hours advance notice of its intent to withdraw. If such notice is not practicable, the Aiding Party will give the Requesting Party the earliest notice it deems possible.
9. Additional Responsibilities.

- A. Compliance with all Applicable Laws. The Parties shall each comply with all laws and regulations applicable to its actions hereunder. Each Party must, upon request by any other Party, make available on a reasonable basis such information as may be required to ensure or show compliance with local, state, and federal laws, except as otherwise prohibited by law or court order.
- B. Safety Policies. The Requesting Party shall provide safety policies and procedures to the Aiding Party, and the Aiding Party must abide by them in the course of providing aid and assistance hereunder to the extent practicable.
- C. Materials Management. The Requesting Party shall be responsible for the cleanup, removal, and disposition of any substances generated, managed, or requiring disposal in the course of an event during which aid was provided to the Requesting Party.
- D. Food and Shelter. The Requesting Party shall supply reasonable food and shelter for the Aiding Party's personnel during the period of assistance. If the Requesting Party cannot provide such food and shelter, the Aiding Party is authorized to secure the resources necessary to meet the needs of its personnel. The cost for such resources must not exceed the state per diem rates for that area. The Parties' Authorized Representatives shall determine whether the Requesting Party is responsible for reimbursing the Aiding Party for all costs associated with providing food and shelter, if the Requesting Party does not provide such resources. If the Parties cannot agree on the level of reimbursement, they may agree to submit the matter to mediation at a mutually-agreed upon location; provided, however, that nothing in this section shall restrict the right of either Party to apply to a court of competent jurisdiction for a judicial resolution. The Parties shall jointly select the mediator. If a mediator cannot be agreed upon, the Parties' chosen mediators shall jointly select and designate a mediator. Each Party shall pay its own expenses associated with the mediation, and each Party shall pay one-half of the mediator's fees and costs.
- E. Nondiscrimination. No person with responsibility for providing services under this Agreement shall discriminate against persons being assisted or requesting assistance on the basis of race, color, national origin, age, sex, religion, handicap, political affiliation or beliefs, or any other unlawful basis.
- F. Public Information. All public information regarding any mutual aid incident shall be channeled through, or coordinated with, the Requesting Party's Authorized Representative.

10. Invoice to the Requesting Party. Within ninety (90) days of the recall of aid by the Aiding Party, the Aiding Party shall submit to the Requesting Party an invoice for all charges related to the aid provided pursuant to this Agreement.

11. Charges to the Requesting Party. Charges to the Requesting Party from the Aiding Party shall be as follows:

- A. Labor force. Charges for labor force shall be in accordance with the Aiding Party's standard pay practices.

- B. Equipment. Charges for equipment, such as bucket trucks, digger derricks, and other special equipment used by the Aiding Party, shall be at the reasonable and customary rates for such equipment in the Aiding Party's location.
- C. Transportation. The Aiding Party shall transport needed personnel and equipment by reasonable and customary means and shall charge reasonable and customary rates for such transportation.
- D. Food and Shelter/Miscellaneous Expenses. The reimbursable cost for food and shelter shall not exceed the state per diem rates for the area. Charges for other expenses related to the provision of aid pursuant to this Agreement shall be the reasonable and actual costs incurred by the Aiding Party.

12. Insurance. The Aiding Party shall maintain workers compensation coverage for its employees, automobile liability coverage for its vehicles and equipment, and general liability, public official's liability, and law enforcement liability insurance, as applicable. The Requesting Party agrees to maintain adequate liability insurance under state law.

13. No Liability. Each Party assumes responsibility for the actions and omissions of its employees and agents in the performance or non-performance of its obligations under this Agreement, and, to the extent permitted by law, agrees to hold harmless the other Parties for the actions or omissions of its employees and agents. Nothing herein is intended as a waiver by the Parties of the privileges and protections of the Colorado Governmental Immunity Act, C.R.S § 24-10-101 *et seq.*

14. Modification. This Agreement may be updated, modified, revised, or renegotiated at any time by written agreement signed by the Parties.

15. Notice. Whenever a notice is either required or permitted to be given under this Agreement, it shall be given in writing and delivered personally, by U.S. Postal Service, certified mail, return receipt requested, or by email to the other Party at the address indicated below or at such other address as may be designated by the Party:

If to the Town of Estes Park:

If to the City of Fort Collins:

Office of the City Manager
City of Fort Collins
300 LaPorte Avenue
P.O. Box 580
Fort Collins, CO 80522

If to the City of Longmont:

If to the City of Loveland:

Loveland Water & Power
Attn: Stephen C. Adams, Director
200 N. Wilson Avenue
Loveland, CO 80537
Steve.Adams@cityofloveland.org

If to Platte River Power Authority:

16. Governing Law. This Agreement shall be construed and enforced in accordance with and governed by the laws of the State of Colorado, without giving effect to its conflicts of law provisions.
17. No Third Party Beneficiary. The terms and conditions of this Agreement, and all rights of action relating thereto, are strictly reserved to the Parties, and nothing in this Agreement shall give or allow any claim or right or cause of action whatsoever by any other person not a party to this Agreement. Any person or entity other than the Parties receiving services or benefits under this Agreement shall be deemed an incidental beneficiary only.
18. Severability. Should any portion of this Agreement be judicially determined to be illegal or unenforceable, the remainder of the Agreement shall continue in full force and effect, and the Parties will renegotiate any terms affected by the severance.
19. Appropriation Required. All obligations of each Party hereunder are expressly contingent upon the annual appropriation of funds sufficient and intended to carry out the same by the governing body of such Party, in its sole discretion. Nothing in this Agreement constitutes a debt, a direct or indirect multiple fiscal year financial obligation, a pledge of a Party's credit, or a payment guarantee by one Party to another.
20. Counterparts. The Parties may execute this Mutual Aid Agreement in one or more counterparts, with each counterpart being deemed an original Agreement, but with all counterparts being considered one Agreement.
21. Execution. Each Party hereto has read, agreed to, and executed this Agreement on the date first written above.
22. Prior and Other Mutual Aid Agreements. This Agreement expressly supersedes and replaces the intergovernmental agreements for mutual aid executed by the Municipalities on January 24, 1983 and August 18, 1999. This Agreement does not supersede or replace the Intergovernmental Agreement for Disaster-Emergency Mutual Aid and Disaster-

Emergency Funding Assistance, executed by the Parties and other regional entities contemporaneous with this Agreement.

DRAFT

THE TOWN OF ESTES PARK, COLORADO,
A Municipal Corporation

By: _____
Mayor

ATTEST:

Town Clerk

APPROVED AS TO FORM:

Town Attorney

(Remaining signatures on the following pages.)

DRAFT

THE CITY OF FORT COLLINS, COLORADO,
A Municipal Corporation

By: _____
Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

(Remaining signatures on the following pages.)

DRAFT

THE CITY OF LONGMONT, COLORADO,
A Municipal Corporation

By: _____
Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

(Remaining signatures on the following pages.)

DRAFT

THE CITY OF LOVELAND, COLORADO,
A Municipal Corporation

By: _____
City Manager

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

(Remaining signatures on the following page.)

DRAFT

PLATTE RIVER POWER AUTHORITY,
A Political Subdivision of the State of Colorado

By: _____
General Manager

APPROVED AS TO FORM:

General Counsel

DRAFT



CITY OF LOVELAND

WATER & POWER DEPARTMENT

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AGENDA ITEM: 3

MEETING DATE: 10/15/2014

SUBMITTED BY: Greg Dewey, Civil Engineer *Greg Dewey*

TITLE: CBT Market Price Consideration

DESCRIPTION:

This item is presented to discuss and adopt a new market price of one Colorado Big Thompson Project (C BT) unit for use in calculating the City's cash-in-lieu fee. Attachment A is a draft resolution for the LUC to consider. The City's cash-in-lieu fee is based primarily on the market price of one Colorado-Big Thompson Project (C-BT) unit as recognized by resolution of the Loveland Utilities Commission (LUC). The last adjustment to the market price was on April 16, 2014, when the LUC adopted Resolution R-2-2014U, changing the City's recognized price for C-BT water to \$22,000/unit. This established the Cash-in-Lieu fee at \$23,100/ac-ft. Staff was also directed to monitor prices and keep the LUC members updated.

SUMMARY:

The City's cash-in-lieu fee is based primarily on the market price of one Colorado-Big Thompson Project (C-BT unit) as recognized by resolution of the Loveland Utilities Commission (LUC). The average prices per CBT unit for recent months in 2014 are as follows:

<u>MONTH</u>	<u># CASH UNITS</u>	<u>AVG. \$/CBT UNIT</u>
• August	192	\$24,984/unit
• July	193	\$23,368/unit
• June	222	\$23,230/unit

A significant price increase occurred between July and August, and the trend is upward. Price data from Stratecon, Inc. for the last 12 months is graphed on Attachment B "Average Monthly Price of a C-BT Unit", followed by Attachment C, the monthly data sheets which were used to calculate the average prices.

For your information and to provide historical perspective, additional information was obtained from Northern Water. Attachment D is graph is attached using data provided by Northern Water, showing the "C-BT Units Market Price Historical Trends" per unit from 1957 (\$1.50/unit) through 2013 (\$16,500/unit), calculated as the average selling price throughout each year. Attachment E are the average selling prices provided by Northern Water.

Given the trends staff is observing from this data and discussions with others, Staff recommends setting the recognized market price fully at the current market price of about \$25,000/unit. Using this price results in a cash-in-lieu price of \$26,250/ac-ft.

RECOMMENDATION:

Adopt the attached Resolution R-3-2014U increasing the City's currently recognized price for CBT water from \$22,000/unit to \$25,000/unit.

REVIEWED BY DIRECTOR:

AP for SA

ATTACHMENTS:

- Attachment A: Resolution R-3-2014U
- Attachment B: Graph: "Average Monthly Price of a C-BT Unit" (Sept. 2013-Aug. 2014)
- Attachment C: Monthly data sheets from Stratecon, Inc., for Sep. 2013-Aug. 2014
- Attachment D: Graph: "C-BT Units Market Price Historical Trends (1957-2013)
- Attachment E: Data sheet from Northern Water

Attachment A

LOVELAND UTILITIES COMMISSION

RESOLUTION #R-3-2014U

RESOLUTION RECOGNIZING THE MARKET PRICE OF ONE COLORADO-BIG THOMPSON PROJECT UNIT AS AUTHORIZED BY LOVELAND MUNICIPAL CODE SECTION 19.04.040

WHEREAS, Section 19.04.040 of the Loveland Municipal Code authorizes the Loveland Utilities Commission to recognize the market price of one Colorado-Big Thompson Project ("C-BT") unit by resolution; and

WHEREAS, the Loveland Utilities Commission has reviewed relevant C-BT market data; and

WHEREAS, following said review, the Loveland Utilities Commission is of the opinion that the market price of one C-BT unit is \$25,000.

NOW, THEREFORE, BE IT RESOLVED BY THE LOVELAND UTILITIES COMMISSION OF THE CITY OF LOVELAND, COLORADO:

Section 1. That the Loveland Utilities Commission hereby recognizes that the market price of one C-BT unit is \$25,000.

Section 2. That Resolution #R-2-2014U of the Loveland Utilities Commission is hereby repealed and superseded in all respects by this Resolution.

Section 3. That this Resolution shall be effective as of the date of its adoption.

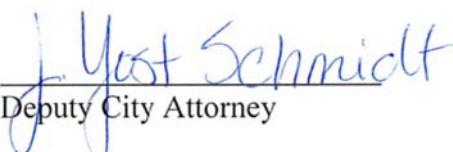
ADOPTED this 15th day of October, 2014.

Chairman, Loveland Utilities Commission

ATTEST:

Secretary, Loveland Utilities Commission

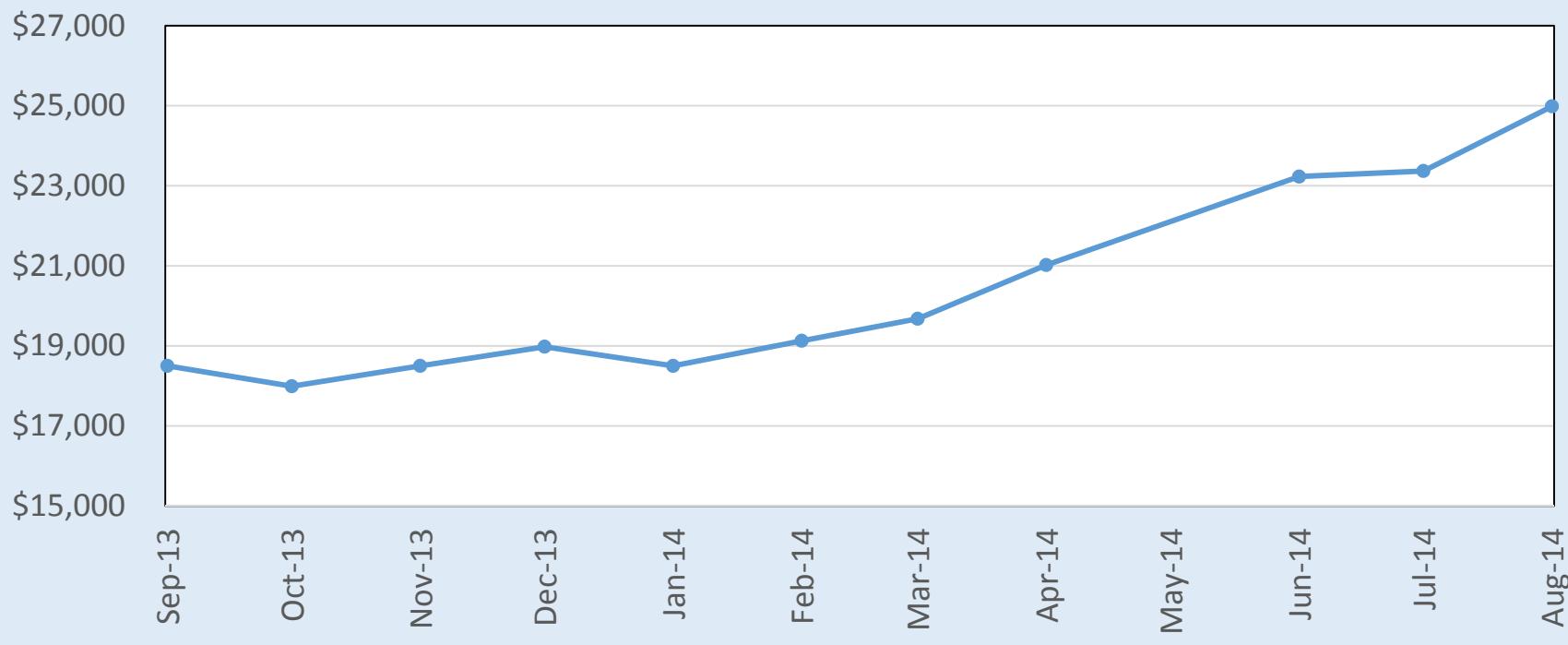
APPROVED AS TO FORM:


J. Yost Schmidt
Deputy City Attorney

Attachment B

Average Monthly Price of a C-BT Unit (Sept. 2013 - Aug. 2014)

Data provided by Stratecon, Inc.



Attachment C

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects August 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Fort Collins-Loveland WD	Platte Valley Irr. Co.	Municipal	Irrigation	150	\$25,000/unit
City of Lafayette	Irrigators	Municipal	Irrigation	4	Transfer for taps
Little Thompson WD	Irrigators	Municipal	Irrigation	2	\$23,500/unit
North Weld County WD	Prospect Mountain Water Co.	Municipal	Municipal	40	\$25,000/unit
				<u>192</u>	

92 units changed hands between private parties with prices and use information remaining undisclosed

Average price for paid units = \$24,984/unit

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects July 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Central Weld County Water District	Platte Valley Irr. Co.	Municipal	Irrigation	31	Transfer for taps
City of Lafayette	Irrigator	Municipal	Irrigation	9	Transfer for taps
City of Lafayette	Irrigator	Municipal	Irrigation	2	Transfer for taps
City of Lafayette	Irrigator	Municipal	Inactive	5	Transfer for taps
Fort Collins-Loveland Water District	Irrigator	Municipal	Irrigation	18	\$25,000/unit
Irrigator	Platte Valley Irr. Co.	Irrigation	Irrigation	30	\$21,750/unit
Irrigator	Irrigator	Irrigation	Irrigation	30	Admin transfer*
North Weld County Water District	Irrigator	Municipal	Irrigation	10	NA
North Weld County Water District	Irrigator	Municipal	Irrigation	55	NA
Tri-State Generation and Transmission	Irrigator	Industrial	Irrigation	145	\$23,500/unit
Tri-State Generation and Transmission	Irrigator	Industrial	Irrigation	20	NA
				<u>193</u>	

*While conducting its annual audit with the county assessor's office, Northern Water staff found that a portion of land to which this allotment contract is attached had changed. The units are being reallocated back to the land that meet's Northern Water's requirements

Average price = \$23,368/unit

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects June 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
City of Dacono ⁺	Irrigator	Municipal	Irrigation	36	\$19,000/unit
Irrigator ⁺	Irrigator	Irrigation	Irrigation	160	\$18,000/unit
City of Lafayette	Irrigator	Municipal	Irrigation	1	Transfer for taps
City of Lafayette	Private entity	Municipal	NA	2	Transfer for taps
North Weld County Water District*	Northern Water	Municipal	NA	26	\$23,230.33/unit
Tri-State Generation &Transmission Assn	Irrigator	Industrial	Irrigation	47	Undisclosed
Tri-State Generation &Transmission Assn	Irrigator	Industrial	Irrigation	161	Undisclosed
Tri-State Generation &Transmission Assn	Irrigator	Industrial	Irrigation	15	Undisclosed
				<u>222</u>	

⁺ This transaction was under contract for several months before the transfer was completed, so the price does not reflect the current market.

*North Weld County Water District was the successful bidder in an auction of 26 units that Northern Water had declared as forfeited in accordance with the Storage and Parking Agreement Rule.

Average price = \$18,775/unit, including the two transactions that were under contract for several months. Excluding those transfers yield a total of about \$23,230/unit.

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
May 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
City of Lafayette	Irrigator	Municipal	Irrigation	4	Transfer for taps
City of Lafayette	Private entity	Municipal	NA	18	Transfer for taps
Developer	Town of Windsor	NA	Industrial	20	Admin transfer*
City of Dacono	Irrigator	Municipal	Irrigation	5	Transfer for taps

An additional 125 units changed hands between private parties in two transactions with use and prices remaining undisclosed.

*The Town of Windsor released CBT units back to a developer who had previously dedicated them to the town, but does not need all of the water for the development project.

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects April 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
City of Lafayette	Irrigator	Municipal	Irrigation	50	Transfer for taps
Tri-State Generation and Transmission	Irrigator	Industrial	Irrigation	17	Not disclosed
Tri-State Generation and Transmission*	Private Entity	Industrial	Inactive	13	\$21,020/unit

* This transaction represents the successful bid in an auction of 13 units that had been forfeited because they were part of a parking & storage agreement

Average price for paid units = \$21,020/unit.

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects March 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
City of Dacono	Irrigator	Municipal	Irrigation	16	Transfer for taps
City of Lafayette	Irrigator	Municipal	Irrigation	65	\$19,750/unit
City of Lafayette	Irrigator	Municipal	Irrigation	5	\$19,500/unit
City of Lafayette	Private entity	Municipal	Inactive	19	Transfer for taps
City of Lafayette	Private entity	Municipal	Inactive	6	Transfer for taps
City of Lafayette	Private entity	Municipal	Inactive	2	\$19,500/unit
Little Thompson Water District	Private entity	Municipal	Inactive	3	\$18,500/unit
Spring Canyon Water & Sanitation Dt.	Private entity	Municipal	Inactive	1	Transfer for taps

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects February 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	9	\$18,500/unit
City of Lafayette	Irrigator	Municipal	Irrigation	1	\$19,500/unit
City of Lafayette	Irrigator	Municipal	Irrigation	10	\$19,500/unit
City of Lafayette	Private entity	Municipal	Inactive	4	\$19,500/unit
Spring Canyon Water & Sanitation Dist.	Private entity	Municipal	Inactive	1	Transfer for taps

The average price for paid units is \$19,125/unit

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects January 2014 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
North Carter Lake WD	Irrigator	Municipal	Irrigation	3	Transfer for taps
Town of Windsor	Irrigator	Municipal	Irrigation	3	Transfer for taps
Fort Collins-Loveland WD	Homeowners Asso.	Municipal	Municipal	1	\$18,500/unit

An additional 7 units changed hands between irrigators in two transactions with prices remaining undisclosed.

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects December 2013 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Fort Collins-Loveland Water District	Irrigator	Municipal	Irrigation	8	\$18,500/unit
Fort Collins-Loveland Water District	Lower Latham Reservoir Co.	Municipal	Irrigation	100	\$18,500/unit
Tri-State Generation and Transmission	Lower Latham Reservoir Co.	Industrial	Irrigation	54	\$19,500/unit
Tri-State Generation and Transmission	Lower Latham Reservoir Co.	Industrial	Irrigation	45	\$19,500/unit

Average price = \$18,978/unit

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects November 2013 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Fort Collins-Loveland Water District	Irrigator	Municipal	Irrigation	9	\$18,500/unit
Fort Collins-Loveland Water District	Irrigator	Municipal	Irrigation	5	\$18,500/unit
Fort Collins-Loveland Water District	Private entity	Municipal	Inactive	30	\$18,500/unit
Fort Collins-Loveland Water District	Irrigator	Municipal	Inactive	1	\$18,500/unit
Tri-State Generation and Transmission Asso., Inc.	Irrigator	Industrial	Irrigation	410	NA

Average price for paid units = \$18,500/unit

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects October 2013 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	15	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	33	\$18,500/unit
Irrigator	Irrigator	Irrigation	Irrigation	1	NA
Longs Peak WD	Irrigator	Municipal	Inactive	1	Transfer for taps
North Weld County WD	Irrigator	Municipal	Irrigation	1	Transfer for taps
Town of Ault	Irrigator	Municipal	Inactive	1	Transfer for taps
Town of Erie	Irrigator	Municipal	Irrigation	50	\$17,500/unit

53

Average price for paid units = \$17,990/unit

3

Stratecon, Inc.
Colorado-Big Thompson Units Transactions Report
Reflects September 2013 activity

Acquirer	Supplier	Purpose	Prior Use	Units	Terms
Central Weld County WD	Irrigator	Municipal	Irrigation	34	\$18,500/unit
Central Weld County WD	Irrigator	Municipal	Inactive	20	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	16	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	2	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	4	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	5	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Irrigation	1	\$18,500/unit
Fort Collins-Loveland WD	Irrigator	Municipal	Inactive	2	\$18,500/unit
Larimer & Weld Ditch Co.	Terry Lake Res. Co.	Irrigation	Irrigation	1,200	Administrative transfer
North Weld County WD	Irrigator	Industrial	Irrigation	20	\$18,500/unit
Town of Platteville	Irrigator	Municipal	Irrigation	3	\$18,500/unit
Town of Windsor	Lower Latham Res. Co.	Municipal	Irrigation	45	Transfer for taps

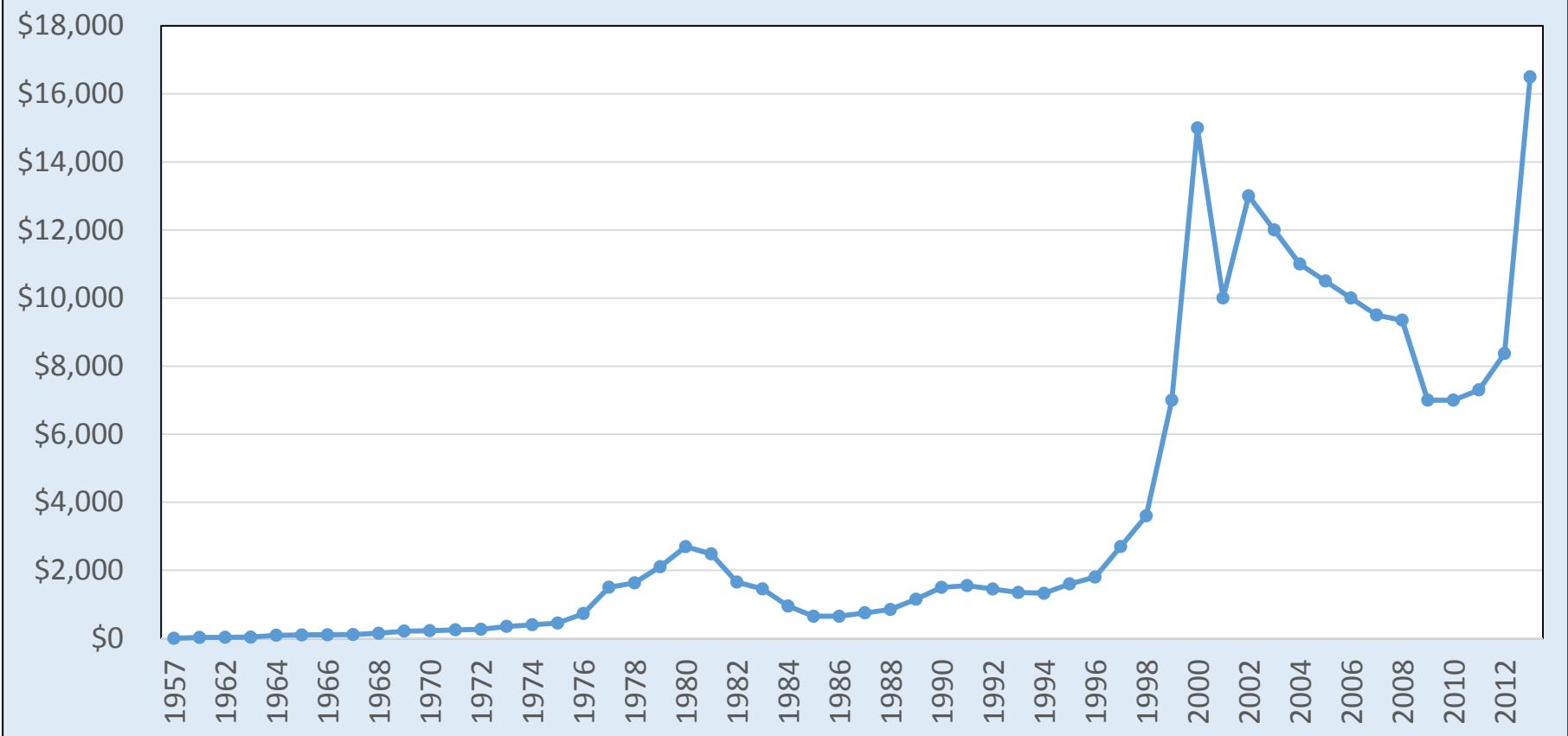
An additional 14 units changed hands between irrigators in 3 transactions with price information remaining undisclosed.

Average price for paid units = \$18,500/unit

Attachment D

C-Bt units Market Price Historical Trends (1957-2013)

Data provided by Northern Water



Attachment E

C-BT UNITS MARKET PRICE HISTORICAL TRENDS

Representative Price	
<u>DATE</u>	<u>DOLLARS</u>
1957	\$1.50
1961	\$25.00
1962	\$30.00
1963	\$35.00
1964	\$90.00
1965	\$100.00
1966	\$105.00
1967	\$112.00
1968	\$150.00
1969	\$212.00
1970	\$225.00
1971	\$250.00
1972	\$265.00
1973	\$350.00
1974	\$400.00
1975	\$450.00
1976	\$730.00
1977	\$1,502.00
1978	\$1,629.00
1979	\$2,106.00
1980	\$2,696.00
1981	\$2,481.00
1982	\$1,652.00
1983	\$1,454.00
1984	\$950.00
1985	\$650.00
1986	\$650.00
1987	\$750.00
1988	\$850.00
1989	\$1,150.00
1990	\$1,500.00
1991	\$1,550.00
1992	\$1,450.00
1993	\$1,350.00
1994	\$1,325.00
1995	\$1,600.00
1996	\$1,800.00
1997	\$2,700.00
1998	\$3,600.00

1999	\$7,000.00
2000	\$15,000.00
2001	\$10,000.00
2002	\$13,000.00
2003	\$12,000.00
2004	\$11,000.00
2005	\$10,500.00
2006	\$10,000.00
2007	\$9,500.00
2008	\$9,350.00
2009	\$7,000.00
2010	\$7,000.00
2011	\$7,300.00
2012	\$8,370.00
2013	\$16,500.00



CITY OF LOVELAND

WATER & POWER DEPARTMENT

200 North Wilson • Loveland, Colorado 80537

(970) 962-3000 • FAX (970) 962-3400 • TDD (970) 962-2620

*Hodg
Parcy
for
Jim
Lees
10/10/2014*

AGENDA ITEM: 4

MEETING DATE: 10/15/2014

SUBMITTED BY: Jim Lees, Utility Accounting Manager

TITLE: Financial Report Update

DESCRIPTION:

This item summarizes the monthly and year-to-date financials for September 2014.

SUMMARY:

The September 2014 financial reports are submitted for Commission review. The following table summarizes the sales and expense results for the month of September, and the September Year-To-Date results in comparison to the same periods from 2013. The summarized and detailed monthly financial statements that compare September Year-To-Date actuals to the 2014 budgeted figures are attached.

	September				September Year-To-Date			
	2014	2013	\$ Ovr/(Und)	% Ovr/(Und)	2014	2013	\$ Ovr/(Und)	% Ovr/(Und)
		vs. 2013	vs. 2013			vs. 2013	vs. 2013	
WATER								
Sales	\$1,249,818	\$1,267,212	(\$17,395)	-1.4%	\$8,421,454	\$7,617,975	\$803,478	10.5%
Operating Expenses	\$1,009,364	\$638,942	\$370,422	58.0%	\$7,806,512	\$5,571,201	\$2,235,311	40.1%
Capital (Unrestricted)	\$393,143	\$92,946	\$300,197	323.0%	\$3,604,386	\$2,101,175	\$1,503,211	71.5%
WASTEWATER								
Sales	\$724,899	\$701,454	\$23,445	3.3%	\$6,153,802	\$5,671,696	\$482,105	8.5%
Operating Expenses	\$588,211	\$469,602	\$118,608	25.3%	\$4,100,909	\$4,629,837	(\$528,928)	-11.4%
Capital (Unrestricted)	\$270,657	\$39,858	\$230,799	579.1%	\$1,635,955	\$578,094	\$1,057,861	183.0%
POWER								
Sales	\$5,112,773	\$5,361,084	(\$248,311)	-4.6%	\$40,121,933	\$40,009,765	\$112,168	0.3%
Operating Expenses	\$4,554,727	\$4,186,919	\$367,808	8.8%	\$38,296,351	\$37,513,707	\$782,644	2.1%
Capital (Unrestricted)	\$354,466	\$851,319	(\$496,853)	-58.4%	\$4,961,014	\$5,841,417	(\$880,403)	-15.1%

RECOMMENDATION:

Staff report only. No action required.

REVIEWED BY DIRECTOR:

AP for SA

LIST OF ATTACHMENTS:

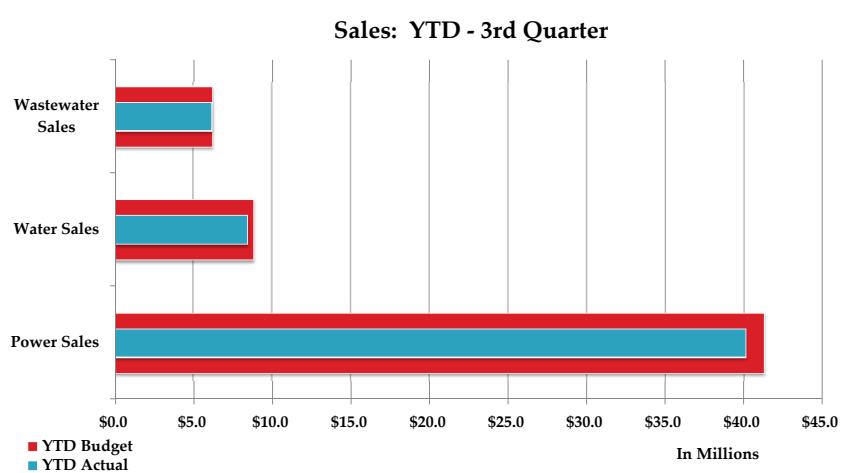
- Powerpoint Slides
- City of Loveland Financial Statement-Raw Water
- City of Loveland Financial Statement-Water
- City of Loveland Financial Statement-Wastewater
- City of Loveland Financial Statement-Power

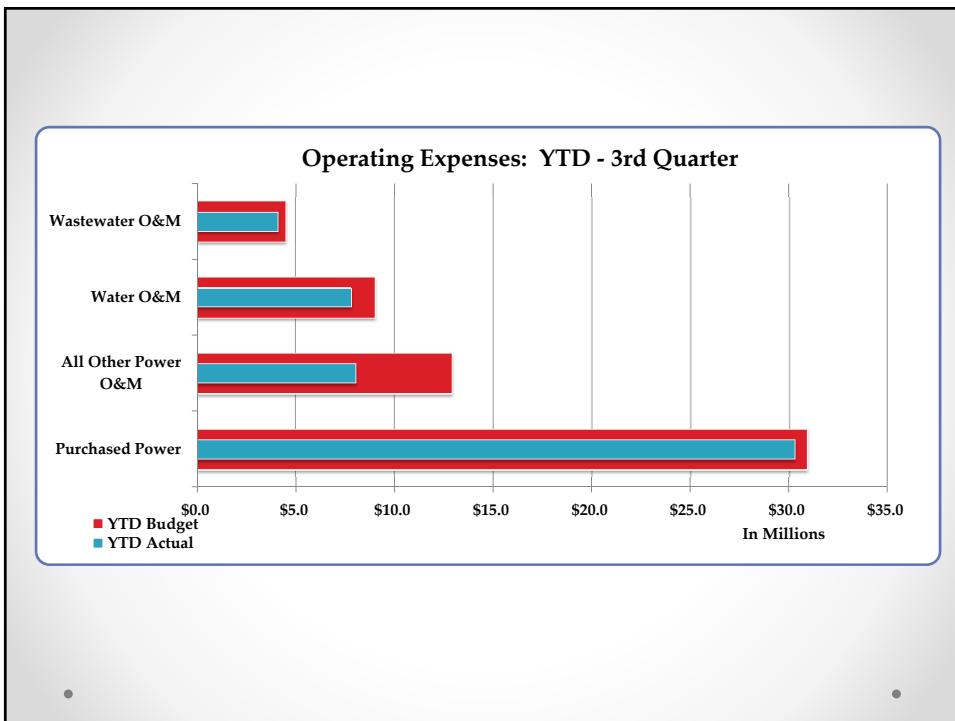
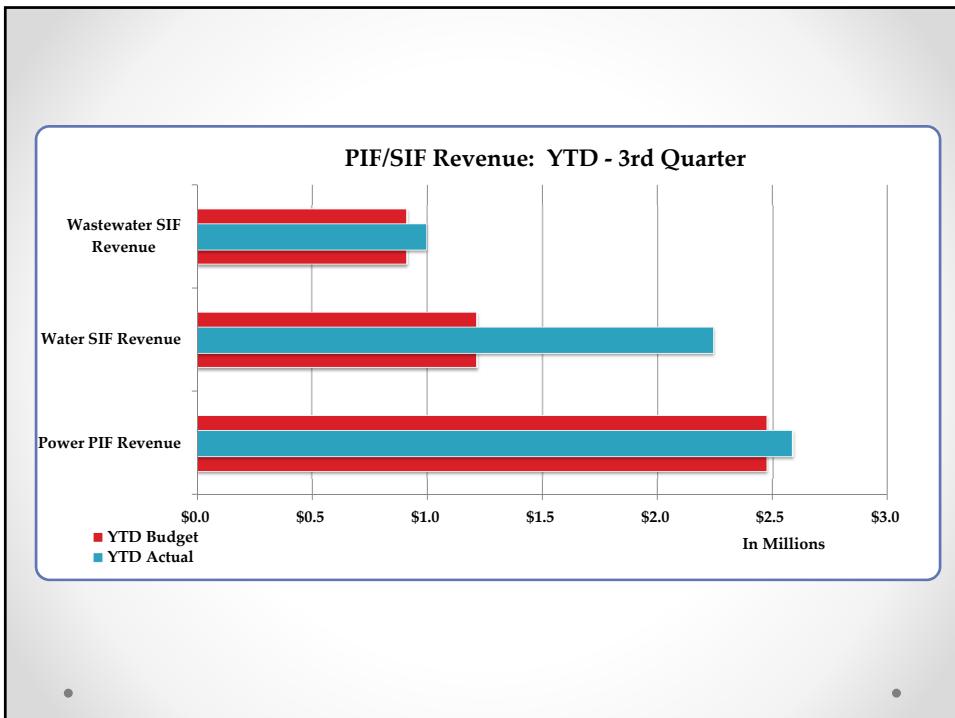


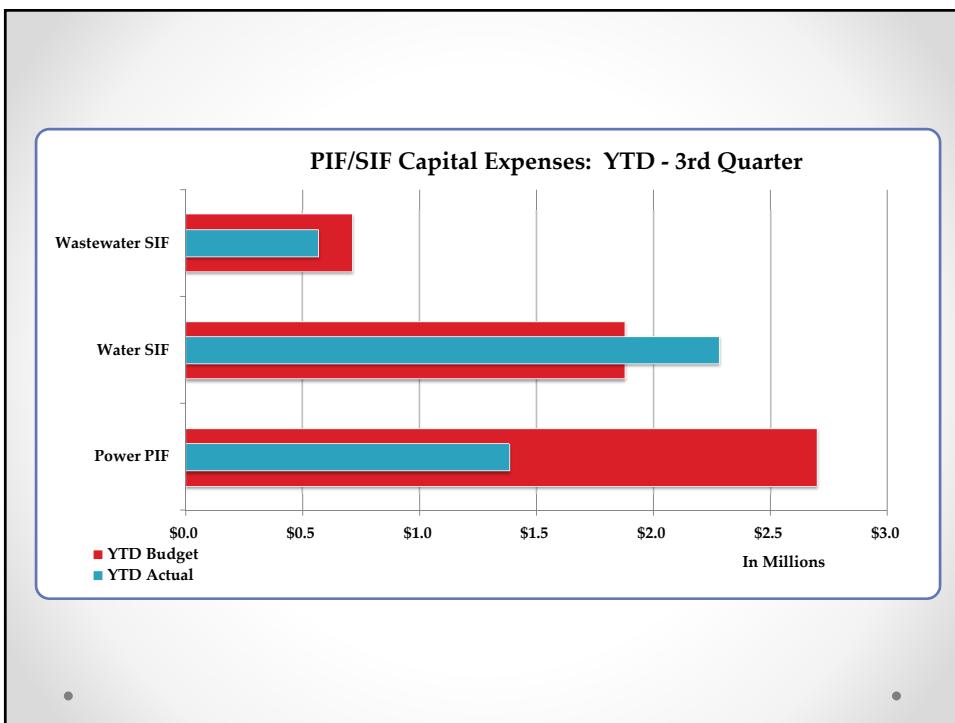
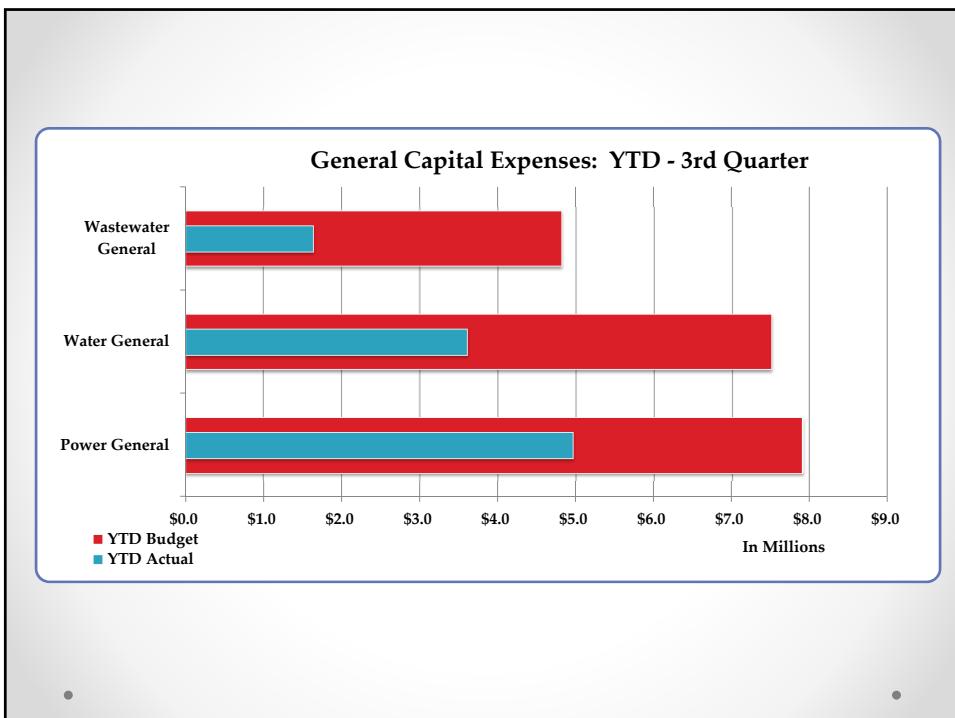
Water & Power Quarterly Financial Report

Loveland Utilities Commission

October 15, 2014







City of Loveland
Financial Statement-Raw Water
For Period Ending 09/30/2014

	* TOTAL BUDGET * FYE 12/31/2014	YTD ACTUAL	YTD BUDGET	OVER <UNDER>	OVER VARIANCE
1 REVENUES & SOURCES					
2 Hi-Use Surcharge	* 43,000	* 34,259	32,220	2,039	6.3%
3 Raw Water Development Fees/Cap Rec Surcharge	* 350,700	* 302,805	263,450	39,355	14.9%
4 Cash-In-Lieu of Water Rights	* 45,000	* 23,100	33,750	(10,650)	-31.6%
5 Native Raw Water Storage Fees	* 5,000	* 27,400	3,750	23,650	630.7%
6 Raw Water 1% Transfer In	* 839,990	* 644,200	659,270	(15,070)	-2.3%
7 Interest on Investments	* 322,850	* 152,907	242,100	(89,193)	-36.8%
8 TOTAL REVENUES & SOURCES	* 1,606,540	* 1,184,670	1,234,540	(49,870)	-4.0%
9 OPERATING EXPENSES					
10 Windy Gap Payments	* 833,730	* 833,669	833,730	(61)	0.0%
11 Transfer to Water	* 5,000,000	* 0	5,000,000	(5,000,000)	-100.0%
12 Transfer to Water SIF	* 8,000,000	* 0	8,000,000	(8,000,000)	-100.0%
13 TOTAL OPERATING EXPENSES	* 13,833,730	* 833,669	13,833,730	(13,000,061)	-94.0%
14 NET OPERATING REVENUE/(LOSS) (excl depr)	* (12,227,190)	* 351,001	(12,599,190)	12,950,191	-102.8%
15 RAW WATER CAPITAL EXPENDITURES	* 3,006,860	* 190,451	1,835,190	(1,644,739)	-89.6%
16 ENDING CASH BALANCES					
17 Total Available Funds	* *	* 14,095,057			
18 Reserve - Windy Gap Cash	* *	* 3,377,476			
19 Reserve - 1% Transfer From Rates	* *	* 3,615,305			
20 Reserve - Native Raw Water Storage Interest	* *	* 1,567,712			
21 TOTAL RAW WATER CASH	* *	* 22,655,550			
22 MINIMUM BALANCE (15% OF OPER EXP)	* *	* 2,075,060			
23 OVER/(UNDER) MINIMUM BALANCE	* *	* 20,580,491			

NOTE: YTD ACTUAL DOES NOT INCLUDE ENCUMBRANCES TOTALING: \$ -

City of Loveland
Financial Statement-Water
For Period Ending 09/30/2014

	TOTAL BUDGET		YTD		OVER
	* FYE 12/31/2014	* YTD ACTUAL	BUDGET	<UNDER>	VARIANCE
1 **UNRESTRICTED FUNDS**					
1 2 REVENUES & SOURCES					
3 Water Sales	11,264,720	*	8,421,454	8,833,820	(412,366)
4 Raw Water Transfer Out	(839,990)	*	(644,200)	(659,270)	15,070
5 Wholesale Sales	71,380	*	96,390	57,920	38,470
6 Meter Sales	38,740	*	65,931	29,930	36,001
7 Interest on Investments	114,730	*	35,141	86,010	(50,869)
8 Other Revenue	6,090,380	*	2,800,914	5,957,050	(3,156,136)
9 External Loan Monies Received	12,900,000	*	0	12,900,000	(12,900,000)
10 TOTAL REVENUES & SOURCES	29,639,960	*	10,775,630	27,205,460	(16,429,830)
11 OPERATING EXPENSES					
12 Source of Supply	2,494,650	*	1,664,373	1,793,300	(128,927)
13 Treatment	2,748,700	*	1,812,629	1,721,910	90,719
14 Distribution Operation & Maintenance	3,132,600	*	1,797,563	2,051,840	(254,277)
15 Administration	557,450	*	249,941	420,100	(170,159)
16 Customer Relations	238,900	*	170,139	183,710	(13,571)
17 PILT	729,730	*	544,408	597,660	(53,252)
18 1% for Arts Transfer	55,420	*	11,380	41,550	(30,170)
19 Services Rendered-Other Departments	1,034,610	*	720,136	732,770	(12,634)
20 Internal Loan Debt Expense	810,000	*	832,800	810,000	22,800
21 External Loan Debt Expense	651,200	*	3,142	651,200	(648,058)
22 TOTAL OPERATING EXPENSES	12,453,260	*	7,806,512	9,004,040	(1,197,528)
23 NET OPERATING REVENUE/(LOSS)(excl depr)	*	17,186,700	*	2,969,118	18,201,420
					(15,232,302)
24 CAPITAL EXPENDITURES		20,316,770	*	3,604,386	17,499,000
					(13,894,614)
25 ENDING CASH BALANCE		*	*	5,567,907	
26 WATER DEBT FUND ENDING CASH BALANCE		*	*	22,866	
26 PLUS MONIES RECEIVED FROM LENDERS					
27 MINIMUM BALANCE (15% OF OPER EXP)		*	*	1,867,989	
28 OVER/(UNDER) MINIMUM BALANCE		*	*	3,699,918	
29 **RESTRICTED FUNDS**					
30 REVENUES & SOURCES					
31 SIF Collections	9,652,540	*	2,184,620	9,151,910	(6,967,290)
32 SIF Interest Income	77,300	*	55,656	62,470	(6,814)
33 TOTAL SIF REVENUES & SOURCES	*	9,729,840	*	2,240,276	9,214,380
					(6,974,104)
					-75.7%
34 SIF Capital Expenditures	17,545,460	*	2,280,666	15,875,800	(13,595,135)
35 1% for Arts Transfer	52,500	*	3,389	39,390	(36,001)
36 SIF ENDING CASH BALANCE		*	*	8,329,191	
37 TOTAL ENDING CASH BALANCE			13,897,098		

NOTE: YTD ACTUAL DOES NOT INCLUDE ENCUMBRANCES TOTALING: \$ 29,793,593

City of Loveland
Financial Statement-Wastewater
For Period Ending 09/30/2014

	* TOTAL BUDGET	* FYE 12/31/2014	* YTD ACTUAL	* YTD BUDGET	OVER <UNDER>	OVER VARIANCE
1 **UNRESTRICTED FUNDS**						
	*	*				
2 REVENUES & SOURCES						
	*	*				
3 Sanitary Sewer Charges	*	8,269,970	*	6,153,802	6,220,290	(66,488)
4 High Strength Surcharge	*	546,760	*	273,053	412,820	(139,767)
5 Interest on Investments	*	35,340	*	54,660	26,530	28,130
6 Other Revenue	*	38,680	*	246,082	32,740	213,342
7 TOTAL REVENUES & SOURCES	*	8,890,750	*	6,727,598	6,692,380	35,218
	*	*				0.5%
8 OPERATING EXPENSES						
	*	*				
9 Treatment	*	3,269,370	*	2,025,704	2,252,450	(226,746)
10 Collection System Maintenance	*	1,940,050	*	1,109,639	1,125,940	(16,301)
11 Administration	*	394,510	*	151,780	273,460	(121,680)
12 Customer Relations	*	35,240	*	35,560	24,510	11,050
13 PILT	*	617,170	*	449,435	465,340	(15,905)
14 1% for Arts Transfer	*	21,610	*	4,752	16,230	(11,478)
15 Services Rendered-Other Departments	*	472,190	*	324,039	326,840	(2,801)
16 TOTAL OPERATING EXPENSES	*	6,750,140	*	4,100,909	4,484,770	(383,861)
	*	*				-8.6%
17 NET OPERATING REVENUE/(LOSS)(excl depr)	*	2,140,610	*	2,626,689	2,207,610	419,079
	*	*				19.0%
18 CAPITAL EXPENDITURES						
	*	7,815,150	*	1,635,955	4,809,960	(3,174,005)
	*	*				-66.0%
19 ENDING CASH BALANCE				*	8,025,966	
	*	*				
20 MINIMUM BALANCE (15% OF OPER EXP)				*	1,012,521	
	*	*				
21 OVER/(UNDER) MINIMUM BALANCE				*	7,013,445	
	*	*				
22 **RESTRICTED FUNDS**						
	*	*				
23 REVENUES & SOURCES						
	*	*				
24 SIF Collections	*	1,113,850	*	958,611	880,330	78,281
25 SIF Interest Income	*	39,760	*	38,679	29,790	8,889
26 TOTAL SIF REVENUES & SOURCES	*	1,153,610	*	997,290	910,120	87,170
	*	*				9.6%
27 SIF Capital Expenditures	*	1,325,030	*	566,229	710,730	(144,501)
28 1% for Arts Transfer	*	8,130	*	4,239	6,090	(1,851)
29 SIF ENDING CASH BALANCE				*	5,768,054	
	*	*				
30 TOTAL ENDING CASH BALANCE	*	*	*	13,794,021		

NOTE: YTD ACTUAL DOES NOT INCLUDE ENCUMBRANCES TOTALING \$ 618,901

City of Loveland
Financial Statement-Power
For Period Ending 9/30/2014

	* TOTAL BUDGET	* YTD ACTUAL	YTD BUDGET	OVER <UNDER>	VARIANCE
UNRESTRICTED FUNDS					
1 REVENUES & SOURCES:					
2 Electric revenues	* \$53,808,970	* \$40,121,933	\$41,276,800	(\$1,154,867)	-2.8%
3 Wheeling charges	* \$240,000	* \$213,653	\$180,000	\$33,653	18.7%
4 Interest on investments	* \$154,120	* \$114,240	\$115,590	(\$1,350)	-1.2%
5 Aid-to-construction deposits	* \$750,000	* \$1,606,086	\$562,500	\$1,043,586	185.5%
6 Customer deposit-services	* \$160,000	* \$169,303	\$120,000	\$49,303	41.1%
7 Doorhanger fees	* \$420,000	* \$302,556	\$315,000	(\$12,444)	-4.0%
8 Connect Fees	* \$160,000	* \$123,255	\$120,000	\$3,255	2.7%
9 Services rendered to other depts.	* \$0	* \$1,343	\$0	\$1,343	0.0%
10 Other revenues	* \$402,950	* \$526,368	\$302,213	\$224,155	74.2%
11 Year-end cash adjustments	* \$0	* \$0	\$0	\$0	0.0%
12 TOTAL NORMAL REVENUES & SOURCES	* \$56,096,040	* \$43,178,736	\$42,992,103	\$186,634	0.4%
13 FLOOD REVENUE (UNBUDGETED)	* \$0	* \$2,816,745	\$0	\$2,816,745	0.0%
14 TOTAL REVENUES & SOURCES	* \$56,096,040	* 45,995,482	\$42,992,103	\$3,003,379	7.0%
15 OPERATING EXPENSES:					
16 Hydro oper. & maint.	* \$232,900	* \$30,875	\$170,196	(\$139,322)	-81.9%
17 Purchased power	* \$40,266,940	* \$30,245,736	\$30,900,689	(\$654,953)	-2.1%
18 Distribution oper. & maint.	* \$9,362,519	* \$2,823,802	\$6,841,841	(\$4,018,039)	-58.7%
19 Customer Relations	* \$1,074,030	* \$492,950	\$784,868	(\$291,918)	-37.2%
20 Administration	* \$796,130	* \$373,130	\$581,787	(\$208,657)	-35.9%
21 Payment in-lieu-of taxes	* \$3,772,860	* \$2,777,197	\$2,863,601	(\$86,404)	-3.0%
22 1% for Arts Transfer	* \$78,940	* \$14,346	\$59,915	(\$45,569)	-76.1%
23 Services rendered-other depts.	* \$2,154,280	* \$1,538,316	\$1,615,710	(\$77,394)	-4.8%
24 TOTAL OPERATING EXPENSES (excl depn)	* \$57,738,599	* \$38,296,351	\$43,818,608	(\$5,522,256)	-12.6%
25 NET OPERATING REVENUE/(LOSS) (excl depn)	* (\$1,642,559)	* \$7,699,130	(\$826,505)	\$8,525,635	-1031.5%
26 CAPITAL EXPENDITURES:					
27 General Plant/Other Generation & Distribution	* \$9,846,611	* \$3,305,894	\$7,210,096	(\$3,904,201)	-54.1%
28 Aid-to-construction	* \$750,000	* \$1,460,153	\$548,077	\$912,076	166.4%
29 Service installations	* \$190,000	* \$194,967	\$138,846	\$56,121	40.4%
30 TOTAL CAPITAL EXPENDITURES	* \$10,786,611	* \$4,961,014	\$7,897,019	(\$2,936,004)	-37.2%
31 ENDING CASH BALANCE		* \$19,482,908			
32 MINIMUM BAL. (15% of OPER EXP excl depn)	* \$8,660,790				
33 OVER/(UNDER) MINIMUM BALANCE	* \$10,822,118				
34 **RESTRICTED FUNDS**					
35 PIF Collections	* \$2,464,870	* \$1,724,271	\$1,646,153	\$78,118	4.7%
36 PIF Interest Income	* \$22,920	* \$27,228	\$17,190	\$10,038	58.4%
37 Water Loan Payback	* \$810,000	* \$832,800	\$810,000	\$22,800	2.8%
38 TOTAL REVENUES	* \$3,297,790	* \$2,584,299	\$2,473,343	\$110,956	4.5%
39 PIF Feeders	* \$1,075,000	* \$213,596	\$785,577	(\$571,981)	-72.8%
40 PIF Substations	* \$2,547,970	* \$1,168,564	\$1,910,978	(\$742,414)	-38.8%
41 TOTAL EXPENDITURES	* \$3,622,970	* \$1,382,160	\$2,696,554	(\$1,314,395)	-48.7%
42 ENDING PIF CASH BALANCE		* \$4,145,464			
43 TOTAL ENDING CASH BALANCE	* \$23,628,372				

NOTE: YTD ACTUAL does NOT include encumbrances totalling \$1,770,851



CITY OF LOVELAND

WATER & POWER DEPARTMENT

200 North Wilson • Loveland, Colorado 80537

(970) 962-3000 • FAX (970) 962-3400 • TDD (970) 962-2620

AGENDA ITEM: 5

MEETING DATE: 10/15/2014

SUBMITTED BY: Chris Matkins, Water Utilities Manager

AP for CM

TITLE: Post Fluoride Meeting Update

DESCRIPTION:

This item is to summarize the special Loveland Utilities Commission Meeting from Tuesday, September 30, 2014. Staff is requesting the Commission's feedback on the information presented from the meeting.

SUMMARY:

The Loveland Utilities Commission (LUC) held a special meeting to gather community feedback in regards to fluoridating Loveland's water. The meeting was as follows:

Date: Tuesday, September 30, 2014
Location: Police and Courts Building
810 E. 10th Street
Loveland, CO 80537
Time: 4 pm to 8 pm

LUC Input Regarding Meeting Logistics: Staff desires a discussion with LUC board members on whether the meeting facilities, logistics, and public outreach were sufficient. Staff also requests discussion with the LUC board regarding the formal presentations and citizen comment.

Additional Meeting Material: Staff would also like to remind the LUC board that the handouts and email feedback collected prior to the meeting is now available for the LUC to review at the following link. <http://www.ci.loveland.co.us/index.aspx?recordid=61239&page=1023>

This approach was taken in order to ensure a comprehensive outreach to our customers.

John Meaders provided three books to Water and Power staff and these have since been added to the Loveland Public Library collection:

- Bryson, Christopher. *The Fluoride Deception*. Seven Stories Press, 2004.
Loveland Public Library Call Number: 615.925731 Bryson
- Connett, Paul. *The Case Against Fluoride: How Hazardous Waste Ended Up in Our Drinking Water and the Bad Science and Powerful Politics That Keep It There*. Green Publishing, 2010.
Loveland Public Library Call Number: 363.7394 Connett

- Committee on Fluoride in Drinking Water, Board on Environmental Studies and Toxicology, Division on Earth and Life Studies, National Research Council. *Fluoride in Drinking Water: A Scientific Review of EPA's Standards*. 2007.
This book has not yet been catalogued.

Additional fluoride reference materials are available at the Loveland Public Library.

To get more information about the general references for fluoride that are available in the library please visit <http://libra.loveland.lib.co.us/> or call 970-962-2665.

Staff Action to Increase Reliability of Fluoride Addition to the City's Water Supply:

Numerous improvements have been implemented since June of 2014 to increase the Department's commitment to reliable fluoride addition to the water supply. The following actions have already been taken by staff:

- Change in responsible personnel at the Water Treatment Plant.
- The Water Plant Manager's daily workspace and office has been relocated from the Service Center to the Water Treatment Plant, increasing operational visibility and effectiveness. This also provides our plant operators increased technical and management support.
- The Lead Operator now personally prepares, signs, and sends the monthly fluoridation dosing report to the State. Previously, this was performed by staff that weren't certified at the highest level ("A Operators").
- The Water Treatment Plant Manager now reviews fluoride concentrations on a daily basis. The Manager also personally reviews each monthly dosing report required by the State that is prepared by the Lead Operator.
- The Water Treatment Plant Manager has scheduled additional mandatory training for all operators and some lab personnel to review expectations and commitment to fluoride dosing.
- In June 2014, a temporary Hach real-time fluoride monitoring device to measure finished water fluoride levels was installed at the Water Treatment Plant. In addition alarms have been programmed to notify operators when fluoridation goals are not met. This temporary device has worked well, and an approximately \$6,000 purchase requisition for a permanent device is being ordered.
- The current plant expansion will include a new chemical storage and dosing facility. Fluoride dosing will be automated and paced with influent water flow rates, eliminating the current manual dosing procedures. In addition, liquid fluoride will replace the current granular fluoride, which offers increased controllability, and operator confidence in handling.
- Key components of the Fluoride storage and dosing system will be included in our Asset Management system, to ensure that regular preventative maintenance is performed on this equipment.

Policy Next Steps: The feedback received from this meeting along with the packet materials will serve to inform the LUC and Staff of the community's wide-ranging input on this topic. The Commission may draw on this information in any future discussions with Staff concerning water fluoridation procedures.

RECOMMENDATION:

Provide feedback to Staff.

REVIEWED BY DIRECTOR:

AP for SA



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WATER & POWER DEPARTMENT

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AGENDA ITEM: 6

MEETING DATE: 10/15/2014

SUBMITTED BY: Steve Adams, Director

AP for SA

TITLE: Commission/Council Report

SUMMARY:

Discuss events that the Loveland Utility Commission Board members attended and any City Council items related to the Water and Power Department from the past month.

RECOMMENDATION:

Commission/Council report only.

REVIEWED BY DIRECTOR:

AP for SA



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WATER & POWER DEPARTMENT
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AGENDA ITEM: 7

MEETING DATE: 10/15/2014

SUBMITTED BY: Steve Adams, Director

AP for SA

TITLE: Director's Report

SUMMARY:

- **25th Annual South Platte Forum** – The 2014 South Platte Forum will be held next month. Please let Allison Prokop know if you are interested in attending. Please see Attachment A for the schedule.

Place: The Plaza Event Center

1900 Ken Pratt Blvd.

Longmont, CO 80501

Dates: October 22-23, 2014

- **Colorado Water Congress 2015 Annual Convention** – The Colorado Water Congress Annual Convention is the largest water conference in the state. Featuring presentations by prominent speakers, policy updates, and professional development for all water community members, this year's Convention promises to top the rest. Please contact Allison Prokop if you would like to attend.

Place: Hyatt Regency Denver Tech Center

7800 East Tufts Avenue

Denver, CO 80237

Dates: January 28-30, 2015

- **Northern Water- Fall User's Meeting** – The 2014 Fall Water User's Meeting will be held November 5, 2014. Please let Allison Prokop know if you would like to attend by no later than October 30, 2014. Please see Attachment B for the draft meeting agenda.

Place: The Hilton Fort Collins

425 West Prospect

Fort Collins, Colorado

Dates: Wednesday, November 5, 2014

- **Transbasin Diversion Webinar Series** – The Colorado Water Congress and the Colorado Foundation for Water Education (CFWE) are working together to bring you a series of webinars focusing on Transbasin Diversions in Colorado. The webinars will include a diverse range of panelists and presenters to expand upon CFWE's newest "Citizen Guide to Colorado's Transbasin Diversions."

Please contact Allison Prokop if you would like to attend any of the following webinars. The viewing of these webinars is tentatively scheduled at the Service Center. However, a specific room location has not yet been determined.

- *Requirements of the Transbain Diversion*
 - **Date:** November 12, 2014
 - **Time:** 9:00am – 10:00am
- *Profiling a Colorado Transbasin Diversion*
 - **Date:** December 10, 2014
 - **Time:** 9:00am – 10:00am
- *Changing Perceptions of Transbasin Diversions*
 - **Date:** January 14, 2014
 - **Time:** 9:00am-10:00am
- **Water Treatment Plant Expansion Update – Water Treatment Plant Phase II**
Expansion Construction update: The construction project was awarded to Moltz Construction and Notice to Proceed (NTP) was issued on August 27, 2014. Moltz Construction began mobilization of equipment and construction trailers after NTP.

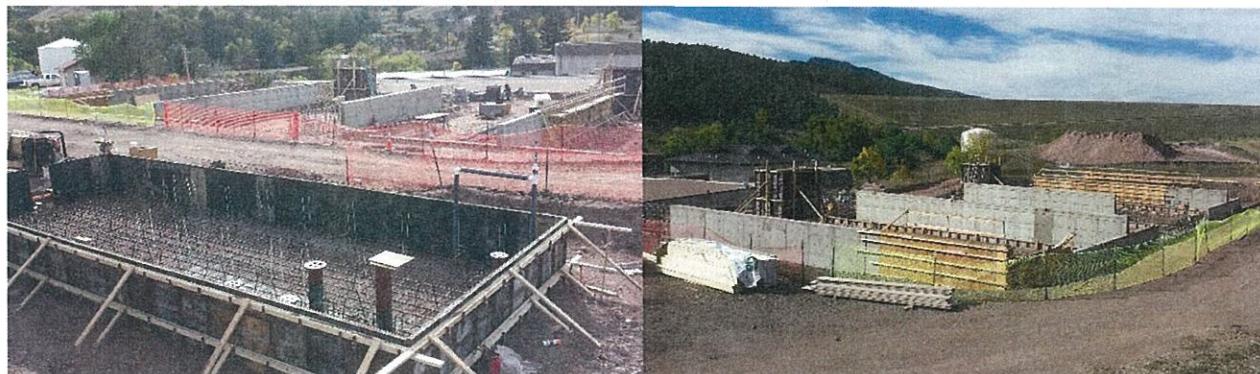
The project is starting to show progress with the demolition of the “Yellow House” on September 17, 2014 which will soon be the site for the new West Chemical building. Excavation of the West Chemical building site is nearly complete.



“Demotion of the Yellow House”

“Demotion of the Yellow House”

Moltz has made significant progress on the polymer building under slab piping and foundation and the sand drying bed footings and foundation work.



“Polymer Building”

“Deskin Drying Beds”

Demolition of Filter Plant Number 1 (built in 1924) is scheduled to begin the week of October 13, 2014. Currently the project is scheduled for substantial completion in May of 2016. – Tom Greene

- **FEMA Alternate Project Update** – Staff has continued the conversation with outside Legal Counsel including project details and the schedule moving forward. Several new alternate projects have been discussed including relocating and rebuilding West substation and installing a backbone fiber broadband network. We are still evaluating the cost and the return on our investment on installing 5 MWs of solar at five different locations throughout the City of Loveland. – Gretchen Stanford

Our schedule moving forward will be:

- November 17 – Preliminary submittals of alternate project to FEMA
- December 9 – Present to Management Team
- December 17 – Present to LUC
- January 13, 2015 – Present to City Council in a study session
- February 15, 2015 – Final submittal of alternate project to FEMA and State Office of Emergency Management (OEM) for approval

RECOMMENDATION:

Director's report only.

REVIEWED BY DIRECTOR:

AP for SA

ATTACHMENTS:

- Attachment A: South Platte Forum Schedule
- Attachment B: Northern Water Fall Users Meeting Draft Agenda

Attachment A

Water and Wisdom

25th Annual South Platte Forum

Schedule

Wednesday Oct. 22

7:45 Registration and Continental Breakfast

8:20 Welcome - Reagan Waskom, Colorado Water Institute

8:30 **When it Rains, it Pours** *Flood Impacts on Stream Restoration*

- Moderator: Kevin Houck, Colorado Water Conservation Board
- **Flood Impacts on Stream Restoration** – Chris Sturm, Stream Restoration Coordinator, Colorado Water Conservation Board
- **Matching the Hatch Gets the Catch: Matching Channel Morphology with Hydrology Optimizes Fisheries Benefit** – Matt Kondratieff, Aquatic Research Scientist, Colorado Parks and Wildlife
- **A Coalition Approach to River Restoration Master Planning: Case Study on the Big Thompson** – John Giordanengo, Restoration Ecologist, AloTerra Restoration Services, LLC

9:35 Break

10:05 **Under the Weather** *Flood Impacts on Property Owners*

- Moderator: Sean Cronin, St. Vrain and Left Hand Water Conservancy District
- **Jamestown: From Flood to Recovery, It Takes a Village** – Colleen Williams, James Creek Watershed Initiative
- **Limitations and Allowances for Land Owner Repairs** – Buddy Nichols/Jeff Wilson, Weld County Farm Services Agency
- **Damage Update and Tools to Get Back on Your Feet** – Todd Boldt, Natural Resources Conservation Service

11:20 **Every Cloud Has a Silver Lining** *History of Flood in S. Platte Basin*

- Nolan Doesken, State Climatologist, Colorado Climate Center

11:50 **Food for Thought** *Keynote Luncheon*

- Friends of the South Platte Award - Presented to Patricia J. Rettig, Head Archivist, Water Resources Archive, Colorado State University Libraries
- **Proposed Rule: Definitions of Waters of the U.S.** - Karen Hamilton, Chief of the Aquatic Resource and Accountability Unit, U.S. EPA Region 8

1:10 **When Life Gives You Gas, Make Energy**

- Moderator: Patty Limerick, Chair, Board of the Center of the American West, University of Colorado
- **Drilling and Completions: An Education** - Alfred William Eustes III, Associate Professor, Colorado School of Mines Petroleum Engineering Department
- **Colorado Oil and Gas Conservation Commission** - Commissioner Richard Alward, Aridlands Natural

Resource Consulting

- **Public Trust, Local Control, and Environmental Rights** - Doug Kemper, Executive Director, Colorado Water Congress

2:30 Break

2:45 **Knowledge is Power *Water Education in 2014 and 2034***

- Moderator: Richard Vidmar, City of Aurora
- **Effectiveness of Water Education Survey** – Tom Browning, Colorado Water Conservation Board
- **Colorado Foundation for Water Education** - Nicole Selzer, Executive Director, Colorado Foundation for Water Education
- **AN OWOW Update: The One World One Water Center at MSU Denver** - Tom Cech, Director, One World One Water Center

4:00 **Light at the End of the Tunnel *An Overview of Basin Projects***

- Moderator: Diane Hoppe, South Platte Director, Colorado Water Conservation Board
- **Front Range Water Supply EISs - Overview and Status Update** – Rena Brand, Clean Water Act 404 Permitting Specialist / EIS Project Manager, U.S. Army Corp of Engineers

4:20 **Conserve Water, Drink Beer**

A reception to mingle and speak to representatives for multiple storage projects in the basin.

- **Halligan Reservoir Enlargement Project** – Donnie Dustin, Water Resources Manager, City of Fort Collins Utilities
- **Moffat Collection System Project** – Travis Bray, Project Manager, Denver Water
- **Chatfield Reallocation Project** – Rick McLoud, Water Resources Manager, Centennial Water and Sanitation District
- **Windy Gap Firming Project** – Jeff Drager, Deputy Manager, Engineering Division, Northern Water
- **Northern Integrated Supply Project** – Carl Brower, Project Manager, Northern Water
- **HSWMP Milton Seaman Reservoir Expansion** – Eric Reckentine, Deputy Director, Water Resources, City of Greeley
- **Flood Recovery Projects** - Amy Johnson/Jerry Gibbens, Project Managers, Northern Water

5:30 Day 1 Ends

Thursday Oct. 23

7:45 Registration and Continental Breakfast

8:20 Welcome

8:30 **Plan Your Work/Work Your Plan *State and Basin Water Plans***

- **Colorado Water Plan** (Opening Keynote) - John Stulp, Special Policy Advisor to the Governor for Water
- **The South Platte Plan** - Mark Koleber, Chair, Metro Roundtable
- **West Slope Perspective on the South Platte Plan** – Jim Pokrandt, Chair, Colorado River Basin

9:50 Break

10:20 **What Goes In Must Come Out Water Quality**

- Moderator: Troy Bauder, Colorado State University Extension
- **EPA Perspective on Nutrient Pollution** - Al Basile, Ecosystems Protection Program, U.S. EPA Region 8
- **CSU National Nutrient Center CLEAN: Finding Optimal Solutions at the System Level** – Mazdak Arabi, Associate Professor, Colorado State University
- **Big Flood! Big Flush! What Was in the Floodwater?** – Dr. Suzanne Paschke, Associate Director of Hydrologic Studies, U.S. Geological Survey
- **Nutrients Management in Colorado: Where Are We?** - Dick Parachini, Clean Water Program Manager, CDPHE, Water Quality Control Division

12:00 **Poetry in Water Keynote Luncheon**

- **At the Confluence: The Poetry of Colorado Water** - Gregory J. Hobbs, Jr., Justice, Colorado Supreme Court

1:10 South Platte Forum Ends

Attachment B



Fall Water Users Meeting Wednesday, November 5, 2014

**Hilton Fort Collins
425 West Prospect**

DRAFT Agenda

7:30 a.m.	Registration	Coffee/Pastries
8 a.m.	Welcome and Comments	Mike Applegate <i>President, Northern Water Board of Directors</i>
8:10 a.m.	Introductions/Overview	Eric Wilkinson <i>General Manager, Northern Water</i>
8:30 a.m.	Water Year in Review.....	Andy Pineda <i>Water Resources Department Manager, Northern Water</i>
9:15 a.m.	Division Engineer Report	Dave Nettles <i>Division 1 Engineer, Colorado Division of Water Resources</i>
9:30 a.m.	Reclamation Update	Jaci Gould <i>Area Manager, Eastern Colorado Office, U. S. Bureau of Reclamation</i>
9:45 a.m.	<i>Break</i>	
10:15 a.m.	Northern Water Potpourri Water Rate Study	Jerry Gibbens <i>Project Manager/Water Resources Engineer, Northern Water</i>
	Fixed Quota Changes and Rule 11	Eric Wilkinson <i>General Manager, Northern Water</i>
	Tracking C-BT Water	Alan Berryman <i>Assistant General Manager, Engineering Division, Northern Water</i>
11 a.m.	Project Updates Northern Integrated Supply Project	Carl Brouwer <i>Project Management Department Manager, Northern Water</i>
	Windy Gap Firming Project	Jeff Drager <i>Deputy Manager, Engineering Division, Northern Water</i>
11:30 a.m.	The Day After: A Look at Election Results	Floyd Ciruli <i>Ciruli Associates</i>
Noon	<i>Lunch</i>	
12:30 p.m.	Luncheon Speaker - The California Drought	Speaker TBA