



LOVELAND UTILITIES COMMISSION REGULAR MEETING

February 18, 2015 - 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 - 1/21/2015

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.

4:15 pm - REGULAR AGENDA

1. Appointment of Loveland Utilities Commission (LUC) Board members to work on the Water and Wastewater Cost of Service/Rate Study - Jim Lees
2. Acceptance of .67 Share of Big Thompson Ditch and Manufacturing Company – Greg Dewey

4:30 pm - STAFF REPORT

3. Asset Management: Levels of Service for Water and Wastewater – Michelle Stalker, Cree Goodwin & Chris Matkins
4. Energy Education Assistance Program Videos – Tracey Hewson
5. Quarterly Financial Report Update (4th Quarter 2014) – Jim Lees
6. Electric Legislative Update – Kim O'Field
7. Water Legislative Update – Greg Dewey
8. Broadband Update – Steve Adams

6:15 pm - 9. COMMISSION / COUNCIL REPORTS

- Colorado Water Congress – January 28-30, 2015

10. DIRECTOR'S REPORT – Steve Adams

6:30 pm - INFORMATION ITEMS

11. Water Supply Update – Larry Howard

ADJOURN

The City of Loveland is committed to providing an equal opportunity for citizens and does not discriminate on the basis of disability, race, 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.

Commission Members Present: Anita Merchant, Dan Herlihey, David Schneider (Vice Chair), Gene Packer (Chairman), Larry Roos, John Rust Jr., Randy Williams

Commission Members Absent: Jennifer Grambling (excused), Gary Hausman (excused).

City Staff Members: Allison Prokop, Bob Miller, Brian Gandy (left after introductions), Chris Matkins, Garth Silvernale, Greg Dewey, Gretchen Stanford, Jim Lees, Kim O'Field, Larry Howard, Steve Adams, Scott Dickmeyer, Sharon Citino, Tanner Randall.

CALL TO ORDER: Gene Packer called the meeting to order at 4:02 pm.

APPROVAL OF MINUTES: Gene asked for a motion to approve the minutes of the December 17, 2014 meeting.

Motion: Dave Schneider made the motion to approve the minutes of the December 17, 2014 meeting.

Second: Dan Herlihey seconded the motion. The minutes were approved unanimously.

NEW EMPLOYEE INTRODUCTION – Brian Gandy, Special Projects Manager

EMPLOYEE INTRODUCTION – Scott Dickmeyer, Water Treatment Plant Manager

CONSENT AGENDA

Item 1: 2014 Quarterly Goal Updates – Steve Adams This is a quarterly review of our progress on our 2014 utility goals.

Recommendation: Discuss the presented information and approve the 4th Quarter 2014 Goals and Quarterly Update Report.

Item 2: Directional Drill Waterline Repair and Rehabilitation Project – Tanner Randall Through the Municipal Code, City Council has previously authorized LUC the option of approving contracts exceeding \$500,000. This authorization reduces the number of items that go to Council for consideration and increases the City's efficiency. Under these circumstances, City Manager then signs the construction contract after LUC approval.

During the September 2013 flooding the City sustained substantial damage to its water distribution system. Included in this damage was a waterline that crossed the Big Thompson River just west of the Lincoln Avenue (Highway 287) bridge. A second waterline near the Fire Training Grounds was also damaged. These two waterlines will be replaced by directionally drilling through the bedrock. These two waterline projects are covered by an active Federal Emergency Management Agency (FEMA) project worksheet.

Additionally a third directional drill waterline will be placed beneath the Farmer's Ditch at Lincoln Ave. to replace an existing damaged, and non-operational, waterline.

Bids were opened on Thursday, January 15, 2015 (see attachment A for the tabulation of bids for a detailed breakdown). The bid results are as follows:

| Contractor | Bid Amount |
|-----------------------|--------------|
| 1. Gopher Excavating | \$506,650.00 |
| 2. Global Underground | \$744,242.42 |

The engineer's opinion of probable costs was \$553,465 (prior to contingency). Presently staff is reviewing the submitted qualifications of the low bidder to ensure they conform to the required specifications for award. At the time of this preparation it is assumed the contract will be awarded to Gopher. If during the review process it is determined the specifications and requirements are not met, staff will provide an update at the meeting. There are sufficient funds to award the contract.

Recommendation: Adopt a motion to award the Directional Drill Waterline Repair and Rehabilitation Construction Contract (FLW03C, FLW06C, W1409C) to Gopher Excavating in the amount of \$506,650 and allow the City Manager to sign the construction contract.

Item 3: Proposed Intergovernmental Agreement (IGA) for U.S. Geological Survey (USGS) for Operation & Maintenance of Stream Gage and Precipitation Gage – Scott Dickmeyer Proposed Intergovernmental Agreement (IGA) for U.S. Geological Survey (USGS) for Operation & Maintenance of Stream Gage and Precipitation Gage

Recommendation: Adopt a motion recommending that City Council approve the IGA and authorize the City Manager to sign it on the behalf of the City.

Item 4: Conversion of 10 C-BT units from a Temporary Use Permit to a permanent Section 131 Contract - Greg Dewey Conversion of 10 C-BT Units from a Temporary Use Permit (TUP) to a Permanent Section 131 Contract

Recommendation: Recommend that City Council adopt the attached resolution authorizing the Director of the Department of Water and Power to sign the application for the Section 131 Contract.

Comments: Item 3 was pulled from the Consent Agenda by Steve Adams. Adams informed the board that last year there was a resolution made for this item so it does not come before City Council or the Loveland Utilities Commission (LUC). This item was pulled and removed from the agenda.

Motion: Dan Herlihey made the motion to accept consent agenda items as amended.

Second: Dave Schneider seconded the motion. The motion was approved unanimously to approve the amended Consent Agenda.

REGULAR AGENDA

Item 5: LUC 2014 Accomplishments and 2015 Goals – Steve Adams This item is to set new 2015 goals and review and update a staff compilation of the Utilities' 2014 accomplishments.

Recommendation: That the LUC approve the list of 2014 accomplishments and 2015 goals determined through discussion at this LUC meeting for use at the 2015 Boards & Commissions Summit on February 19, 2015.

Motion: Dan Herlihey made the motion to approve the amended 2014 accomplishments and 2015 goals.

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

Comments: Anita Merchant asked about if City Council is leading the idea of Loveland Water and Power (LWP) possibly incorporating a broadband fiber network. Adams stated that our surrounding cities are moving forward with this. Council is having this item on their agenda at the Workshop on January 24, 2015. Staff have been exploring this option and have developed a PowerPoint presentation and is prepared for discussion on the topic. Adams stated that how LWP chooses to move forward with this item will be reviewed at the Workshop. A lot of questions will be asked and

options will be explored before any actions will be taken. Adams said that as of right now LWP could not offer any type of broadband network because of Senate Bill 152 which specifically prohibits a municipality from providing any internet service, cell phone service or telecommunication service, unless approved by a vote of citizens. Staff and board reviewed what surrounding cities have done to progress with broadband fiber networks. Schneider asked if that is something LWP and LUC would be in charge of or if it would be a separate board and department. Adams added that from his understanding it would become a part of the utilities and would fall under Bob Miller's job roles/duties.

Schneider asked when the Cost of Service 2015 Kick-off Meeting will be. Jim Lees stated that it will be mid-to-late February 2015. Staff and board reviewed the prior process in completing this and how it might work again this year.

Schneider asked about what "redefine" means on the 2015 goal number 7 with regards to the Key Accounts program. Stanford added that she would like to track some metrics of our Key Accounts program, meaning how much they consume or the revenue produced. LWP would like to track these to improve the program and provide better service to our Key Accounts.

Schneider asked if staff could review more information about the goal number 8 (Implement an LED streetlight policy) such as, how much heat is given off. Bob Miller stated that this goal will be reviewed in depth at the March 2015 LUC. Miller reviewed where LED lighting is currently located around town and where the location testing sites are. He informed the board that the goal is to roll out the program to the whole city. Schneider stated that he was very interested to hear more about this.

Schneider discussed goal number 9 (Support the Planning Department's comprehensive Plan including a master plan for development along Highway 287, Highway 402 and downtown revitalization efforts) on the 2015 goals and his thoughts on the project and asked who is leading this project. Gene Packer clarified that this goal is to support the Planning Department on this project. Adams stated that certain staff will be designated to help and support these projects in 2015. Chris Matkins stated that Karl Barton from Planning is leading the project along with his boss Greg George and the Planning Department. Matkins and Schneider agreed that it is important to see output and timely follow-through with these projects. Adams said that he is working with Matkins to bring in Barton and other staff to provide an update on the project. Schneider stated that he would like to see a clear direction of where this project is going from Greg George. He added that he would like to see this process be more effective. Adams stated that he will do some research on upcoming outreach dates and information and schedule a time for Barton to come back to LUC to gather their input and be a part of the development process.

Dave Schneider asked for an explanation on how goal number 11 (Further develop the Asset Management Program for LWP) is different from a "traditional" asset management program. Chris Matkins explained how he developed this management program. Staff realized that LWP's assets were falling apart faster than they were getting repaired. Matkins stated that this program was developed to understand all of LWP assets and infrastructure. Adams added that Miller is also working on asset management and reviewed the process for deciding what infrastructure needs to be replaced and if so when. He reviewed the Cityworks program and how it is being incorporated into different departments and how staff are mitigating risk, how vulnerable infrastructure is and creating other program criteria. Matkins added that he has been working with Scott Dickmeyer to develop programs to do preventative maintenance. Matkins reviewed how staff have been working on this and how supportive they are of this program. Adams said that this will become more important as staff retire and have emphasized how important it will be to have a process of reviewing our assets. Schneider complemented staff on their proactive efforts.

Roos stated that he is having a hard time wrapping his hands around projects that are far out, he said it is difficult to not have long term goals or project projections and LWP expected financial situation. He feels LWP has a lot of short-term goals and would like to see long-term goals and expectations included and less day-to-day work. Schneider responded that it takes time to understand and learn everything that this board does. Packer added that Roos should be a part of the long-term budgeting process and that might help with painting the bigger picture.

Rust discussed that he sees things differently, that LUC does plan for long-term projects, it may be hard to determine what is needed right now, but LWP needs to make plans and follow through on the projects. He believes other boards and departments cannot always say the same thing. He believes LWP and the board should be happy with what they are doing and what has been done in the past. Adams said in response to Roos that LWP has a 30 year Master Plan that gets updated every 5 years. These plans come in cycles and are updated periodically. Packer added that Roos might benefit from an executive summary of the Master Plan and other long-term goals and reports made by LWP. Adams stated LWP hopes to have this type of resource available at some point in the future. Schneider stated that Roos should reach out to his peers and other resources before having staff gather this information. Roos asked if he could get a report of monthly gallons of water produced and KWH produced. Staff and board discussed what information Roos would find beneficial and how to give him this information such as a summary of the capital plan of the 4 utilities over the next 10 years and have this report updated monthly. Packer added that we can always add him to the distribution list for this report and update him with changes. Schneider added that developing the budget will help him learn. Stanford added that he raises caution to just updating capital because that excludes other departments. Adams added that we will provide him with other information besides capital, to provide him information and updates of all the divisions.

Roos asked for more information about what constitutes “branding” of the utility. Stanford added that LWP is looking to have consistency and streamline branding and developing perimeters of speaking with the press.

Board and staff discussed adding a 2014 accomplishment regarding the City of Loveland fluoridation policy.

COMMISSION/COUNCIL REPORTS

Item 6: Commission/Council Reports

Activity board members attended since last meeting – December 17, 2014

- The Colorado Water Congress – January 28-30, 2015
- Colorado Foundation for Water Education (CFWE) Webinar Series on Transbasin Diversions: Changing Perceptions of Transbasin Diversions – January 8, 2015

Anita Merchant: nothing

Dan Herlihey: He thanked the staff and consultants for the hard work that was put into the January 6, 2015 City Council item regarding the FEMA alternate project, and recognized them for a job well done.

Dave Schneider: He stated that he attended the most recent South Platte Round Table Basin meeting. He discussed his opinions about the roundtable and explained his observations of interesting topics. He reviewed topics discussed and provided an update of the event for other board members.

Gene Packer: He discussed a few highlights from the last Transbasin Diversion Webinar regarding history, policy and the problems with current technology.

John Rust Jr: He stated that Kansas should be very concerned and reviewed a project taking place near Nebraska and Kansas. He discussed how this may become an issue in Colorado. He mentioned his opinion about this particular project.

Larry Roos: nothing

Randy Williams: He passed around a copy of the Wall Street Journal article: *One's River's Outsize Impact and the Threat of Drought* for board members to review.

Council Report: Steve Adams provided an update on behalf of Troy Krenning.

Regular Meetings –

January 6, 2015 - City Council approved a Motion to Adopt Resolution #R-3-2015 Approving an Amended and Restated Intergovernmental Agreement between the City of Loveland, Colorado and Platte River Power Authority for SCADA Services

City Council approved a Motion to Authorize the Director of Water and Power to compile and submit the scope of work for construction of a substation and installation of a small (1 to 2 MW) solar facility on the Boedecker property to the Colorado Office of Emergency Management (COEM) and Federal Emergency Management Agency (FEMA) for approval as the "Alternate Project"

January 20, 2015 - City Council approved a Motion to Approve and Order Published on Second Reading an Ordinance Authorizing the Issuance and Sale of the City of Loveland, Colorado, Water Enterprise Revenue Bond, Series 2015, Payable Solely Out of the Net Revenues to be Derived from the Operation of the City's Water Enterprise; and Providing Other Details Concerning the Bond, Including, Without Limitation, Covenants and Agreements in Connection Therewith
City Council approved a Motion to Approve Resolution #R-11-2015 Approving the Second Amendment to Agreement for Home Supply Big Dam Flood Repair

Board discussed their opinions and thoughts about these items. Schneider asked if Adams could request that the LUC Council liaison be present at the LUC meetings.

DIRECTOR'S REPORT

Item 7: Director's Report – Steve Adams

Comments: Adams practiced his speech in front of the LUC that he would like to present at the City Council Workshop on January 24, 2015 and asked for feedback from the board.

Packer suggested that Adams clarify transitions throughout. Roos suggested he add a date when flood work will end for LWP. Schneider suggested that Adams may have too many points for everyone to absorb in only 5 minutes. The board discussed the benefits and disadvantages of just hitting the major points or discussing a lot of information. The board talked about non-verbal cues that may help Adams in his presentations.

Adams informed the board that LWP will be planning a tour of Water and Power facilities, if they would like to join, LWP will have more information about the upcoming tours as soon as possible.

ADJOURN The meeting was adjourned at 6:15 pm. The next LUC Meeting will be February 18, 2015 at 4:00 pm.

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: 2/18/2015

SUBMITTED BY: Jim Lees, Utility Accounting Manager

TITLE: Appointment of Loveland Utilities Commission (LUC) Board Members to Work on the Water and Wastewater Cost-of-Service Rate Study

DESCRIPTION:

Selection of two LUC Liaisons for the 2015 Water and Wastewater Cost-of-Service Rate Study.

SUMMARY:

Staff is seeking two LUC liaisons who are interested in participating in the 2015 Water and Wastewater Cost-of-Service Rate Study meetings and process. The three scheduled meetings for the liaisons will be during the following weeks:

1. Week of April 27, 2015
2. Week of May 25, 2015
3. Week of June 8, 2015

The specific dates will be determined by the time of the February LUC meeting.

RECOMMENDATION:

Choose two liaisons from the LUC to participate in the 2015 Water and Wastewater Cost-of-Service Rate Study review process for the Water & Power Department.

REVIEWED BY DIRECTOR

AP for SA



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AGENDA ITEM: **2**

MEETING DATE: 2/18/2015

SUBMITTED BY: Greg Dewey, Civil Engineer

Greg Dewey

TITLE: Acceptance of .67 Share of Big Thompson Ditch and Manufacturing Company

DESCRIPTION:

Request by Troy McWhinney (Applicant) to Deposit a one-third (0.67) Share of Big Thompson Ditch and Manufacturing Company into the City's Water Bank.

SUMMARY:

Troy McWhinney (Applicant) has requested to deposit one-third (0.67) Share of Big Thompson Ditch and Manufacturing into the City's Water Bank. The water has historically been used and is currently used to irrigate crops in Section 30, Township 5 N, Range 68 West. The City's policy has been to accept shares from the Big Thompson Ditch and Manufacturing Company.

The Municipal Code (19.04.080) requires that the Loveland utilities commission consider and accept the water rights with satisfaction of each of the following requirements:

1. Evidence of the applicant's ownership of the ditch water rights in a form satisfactory to the city attorney;
2. A water bank agreement executed by the applicant and, if applicable, other documentation, such as a statement of historical use and dry-up covenant, in a form approved by the city attorney, and
3. A finding by the Loveland utilities commission that it is in the city's best interests to accept the ditch water rights.

In this instance, staff and legal counsel have reviewed the submitted documents and recommend accepting this water into the City's Water Bank. Below are a summary of how the Municipal Code requirements have or will be met:

1. Evidence of the applicant's ownership of the ditch water rights in a form satisfactory to the city attorney. This will be in the form of a Special Warranty Deed conveying the one-third (0.67) share to the City of Loveland as well as an issuance of the stock certificate in the name of the City of Loveland.
2. A water bank agreement executed by the applicant and, if applicable, other documentation, such as a statement of historical use and dry-up covenant, in a form approved by the city attorney. The applicant submitted a statement of historical use which city staff and legal counsel reviewed. The City will obtain a dry-up covenant at the

same time the shares are conveyed to the City. The applicant wants to continue irrigating the property for the next ten years. The City will obtain a partial release of dry-up which allows irrigation to continue for a set period of time. In other words, it is an agreement that the City will not enforce the dry-up covenant for the next ten years. Both documents will be recorded by the Larimer County Clerk. The City can proceed with changing the use of the share now, but can't use the water for the next ten years.

3. A finding by the Loveland utilities commission that it is in the city's best interests to accept the ditch water rights. Finding is the subject of the recommended motion.

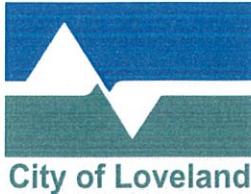
The subject forms are not included in this packet but will be available at the meeting for review if desired.

RECOMMENDATION:

Adopts a motion finding that the requirements set forth in City Code Section 19.04.080 have been met, and that acceptance of the one-third (0.67) share of Big Thompson Ditch and Manufacturing Company into the City of Loveland Water Bank is in the City's best interest.

REVIEWED BY DIRECTOR:

AP for SA



AGENDA ITEM: 3

MEETING DATE: 2/18/2015

SUBMITTED BY: Michelle Stalker, Technical Specialist, *MS* Gree Goodwin, GIS Specialist, & Chris Matkins, Water Utilities Manager *CG* *U*

TITLE: Asset Management: Levels of Service for Water and Wastewater

DESCRIPTION:

Asset management can be defined as managing infrastructure capital assets to minimize the total cost of owning, operating, and maintaining assets at acceptable Levels of Service. As part of the City of Loveland's Asset Management Program, we have developed Levels of Service for the Water and Wastewater Utilities. Defining Levels of Service, tracking performance against these targets, and working to improve in areas in which we fall short are a key part of our asset management program.

SUMMARY:

Staff worked to collaborate and determine measurable performance criteria (Levels of Service) in both the Water and Wastewater Utilities in the following areas:

- Regulatory compliance
- Quantity of services provided
- Availability of services provided
- Reliability of services provided
- Responsiveness to outages or blockages
- Aesthetics (odor, taste, smell, etc.)

As we worked on setting our Levels of Service, we took into consideration what stakeholders and customers demand, what is required by regulation, what our actual performance is and what the physical capabilities and limits are of our current assets.

Improvements in our Levels of Service, require additional resources. For instance, if we want to see fewer leaks, then we need to invest additional resources (time, money, equipment, manpower, etc.) to repair or replace failing water lines. It is important to balance the costs versus the benefits of improvements in our Levels of Service. For example, a target of zero water main breaks in any given year may sound desirable, but it is not likely that customers would be willing to pay substantially more for the associated costs required to provide and maintain that high of a water availability Level of Service. Levels of Service improvements require additional operational costs, which in turn require additional funding through mechanisms such as debt financing or raising the rates charged to customers.

Cityworks is a GIS based work flow and asset management database software program. We are leveraging this program to help track our performance toward achieving many of our Levels of Service goals. We have begun utilizing this resource to track Levels of Service for items such as our responsiveness to water outages or sewer blockages, water quality inquiries, water main leaks, and odor complaints. We can use this tool to create reports or pull up maps on each criteria that we are tracking. For instance, we can pull up a map to visually see the location of where water main leaks have been occurring or where we are having water quality complaints. These types of maps can help us in setting priorities for future capital improvement projects or investigating the cause of problems.

Measuring our progress and comparing it against our target Levels of Service, will help us to better focus on the areas that need improvement and help us better communicate which areas need additional resources for progress to be made. Levels of Service requirements may need to be updated to adapt to changes such as population growth, increased regulatory requirements or technology improvements. Our hope is that over time, we will have the resources in place to meet all of our desired Levels of Service performance measures, while still maintaining our assets in a cost effective manner.

RECOMMENDATION:

Staff item only. No action required.

REVIEWED BY DIRECTOR:

AP for SA



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AGENDA ITEM: 4

MEETING DATE: 2/18/2015

SUBMITTED BY: Tracey Hewson, Customer Relations Business Specialist *TH*

TITLE: Energy Education Assistance Program Videos

DESCRIPTION: The purpose of this item is to share with the Loveland Utilities Commission (LUC) three videos about the projects completed about the Energy Education Assistance Program.

SUMMARY: The Energy Education Assistance Program (EEAP) was designed to educate and actively engage primary and secondary students in energy efficiency and water conservation projects. Customer Relations worked with Shadow Play Films, a local video production company, to produce three videos detailing the EEAP projects in the schools. The videos include a description of each project from the prospective of the teachers and the students.

RECOMMENDATION:

Staff item only. No action required.

REVIEWED BY DIRECTOR:

AP for SA



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AGENDA ITEM: 5

MEETING DATE: 2/18/2015

SUBMITTED BY: Jim Lees, Utility Accounting Manager

TITLE: Quarterly Financial Report Update (4th Quarter 2014)

DESCRIPTION:

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

SUMMARY:

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

| | December | | | | | December Year-To-Date | | | | |
|------------------------|-------------|-------------|---------------|-------------|----------|-----------------------|--------------|---------------|-------------|----------|
| | 2014 | 2013 | \$ Ovr/(Und) | % Ovr/(Und) | vs. 2013 | 2014 | 2013 | \$ Ovr/(Und) | % Ovr/(Und) | vs. 2013 |
| WATER | | | | | | | | | | |
| Sales | \$606,821 | \$593,012 | \$13,809 | 2.3% | | \$10,719,482 | \$9,419,890 | \$1,299,591 | 13.8% | |
| Operating Expenses | \$1,203,043 | \$1,875,262 | (\$672,219) | -35.8% | | \$10,418,846 | \$8,971,357 | \$1,447,489 | 16.1% | |
| Capital (Unrestricted) | \$2,811,875 | \$630,520 | \$2,181,356 | 346.0% | | \$8,489,720 | \$3,153,321 | \$5,336,399 | 169.2% | |
| WASTEWATER | | | | | | | | | | |
| Sales | \$676,053 | \$681,730 | (\$5,676) | -0.8% | | \$8,164,509 | \$7,504,234 | \$660,275 | 8.8% | |
| Operating Expenses | \$460,609 | \$1,255,471 | (\$794,862) | -63.3% | | \$5,498,696 | \$6,939,120 | (\$1,440,424) | -20.8% | |
| Capital (Unrestricted) | \$70,501 | \$302,189 | (\$231,688) | -76.7% | | \$1,776,282 | \$1,094,599 | \$681,683 | 62.3% | |
| POWER | | | | | | | | | | |
| Sales | \$4,250,082 | \$4,160,200 | \$89,882 | 2.2% | | \$52,507,782 | \$51,756,149 | \$751,633 | 1.5% | |
| Operating Expenses | \$4,391,498 | \$5,541,643 | (\$1,150,145) | -20.8% | | \$51,439,606 | \$50,468,115 | \$971,491 | 1.9% | |
| Capital (Unrestricted) | \$602,809 | \$457,011 | \$145,798 | 31.9% | | \$6,529,234 | \$7,386,281 | (\$857,048) | -11.6% | |

**Please note the added information on the Water Financial Statement and the Power Financial Statement.

RECOMMENDATION:

Staff report only. No action required.

REVIEWED BY DIRECTOR:

AP for SA

LIST OF ATTACHMENTS:

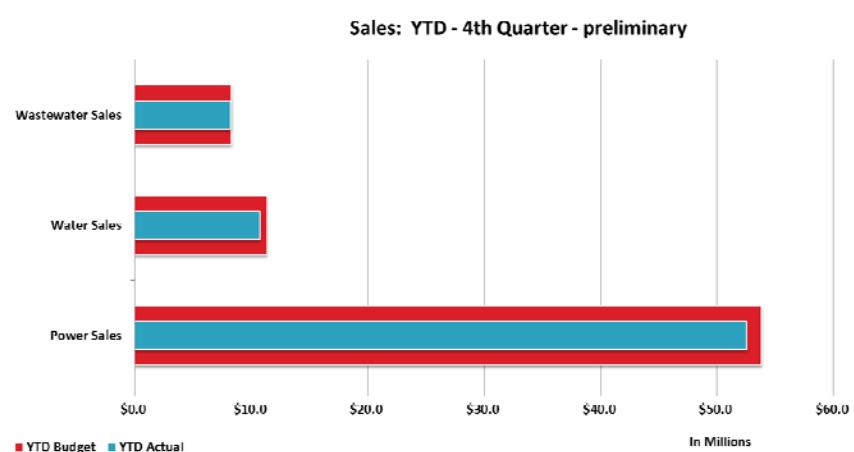
- PowerPoint Slides
- City of Loveland Financial Statement-Raw Water
- City of Loveland Financial Statement-Water
- City of Loveland Financial Statement-Wastewater
- City of Loveland Financial Statement-Power

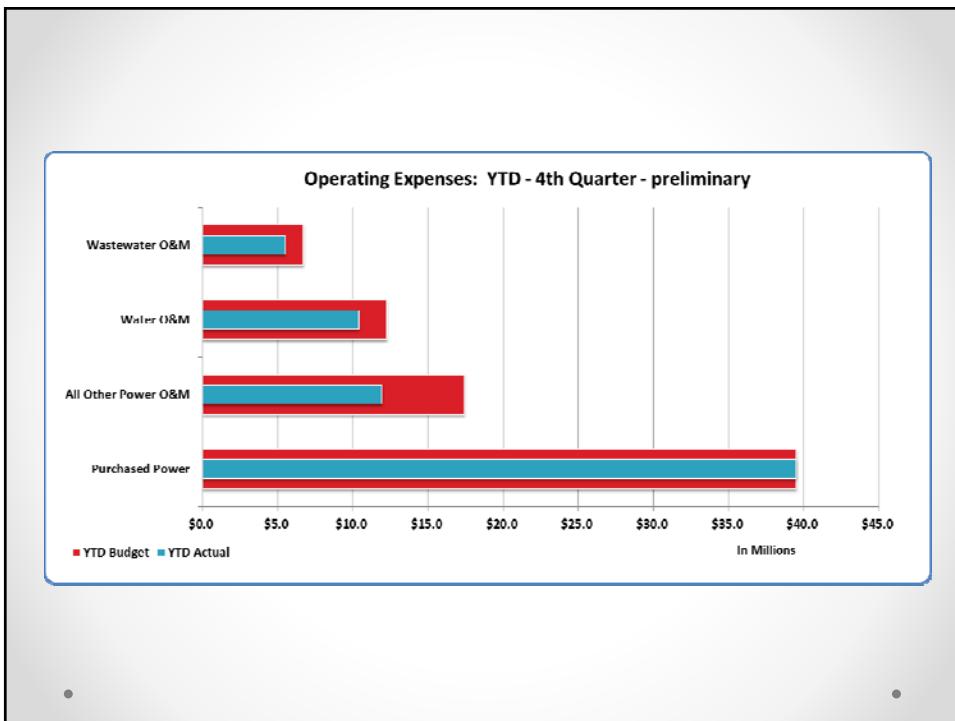
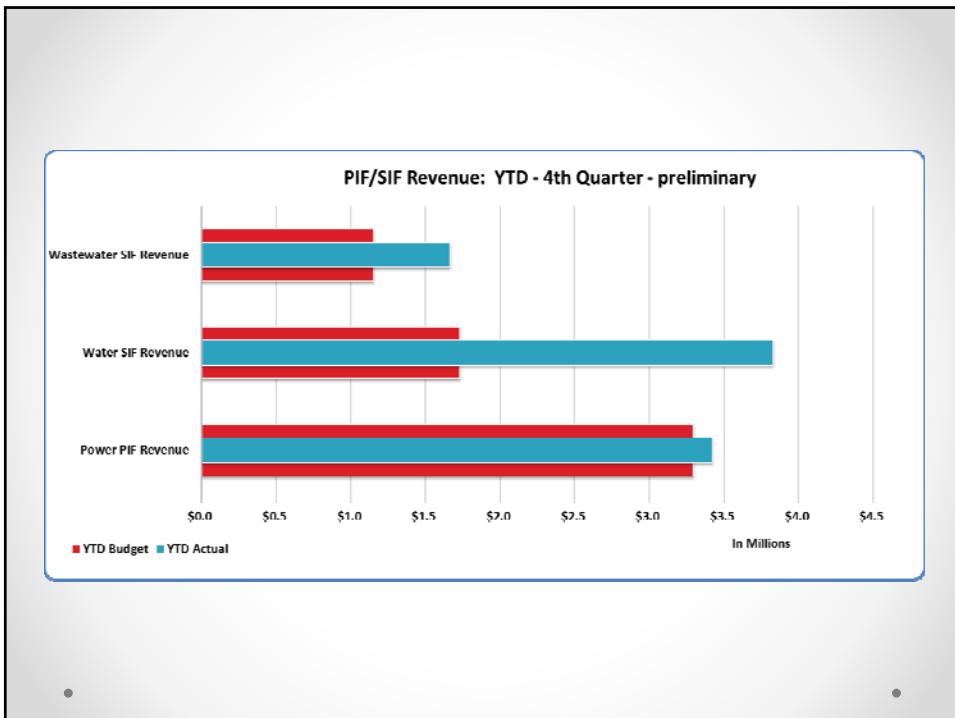


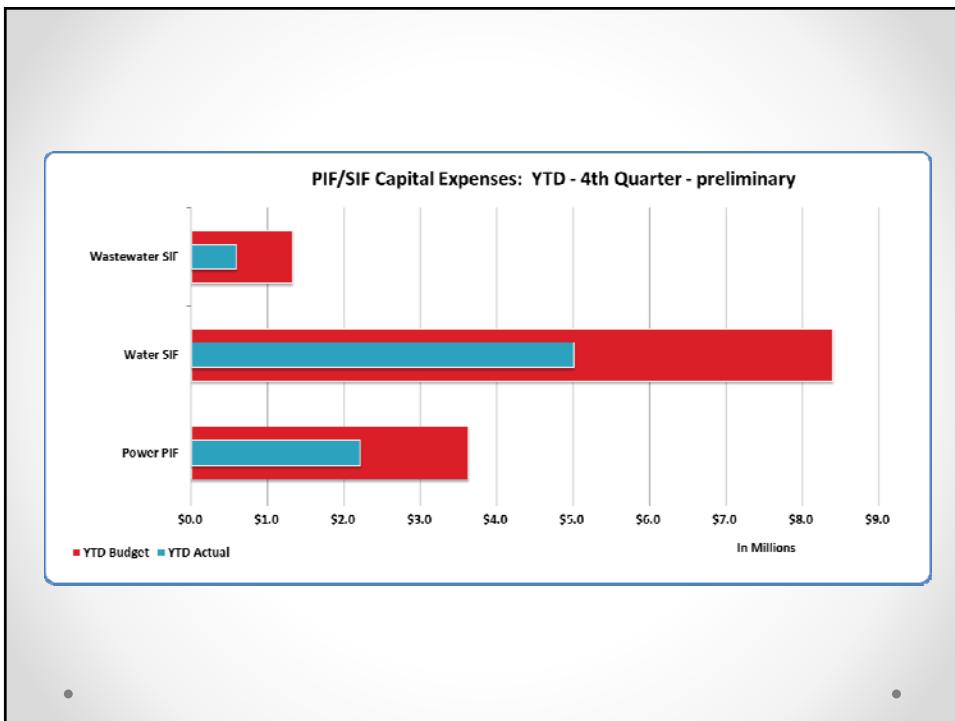
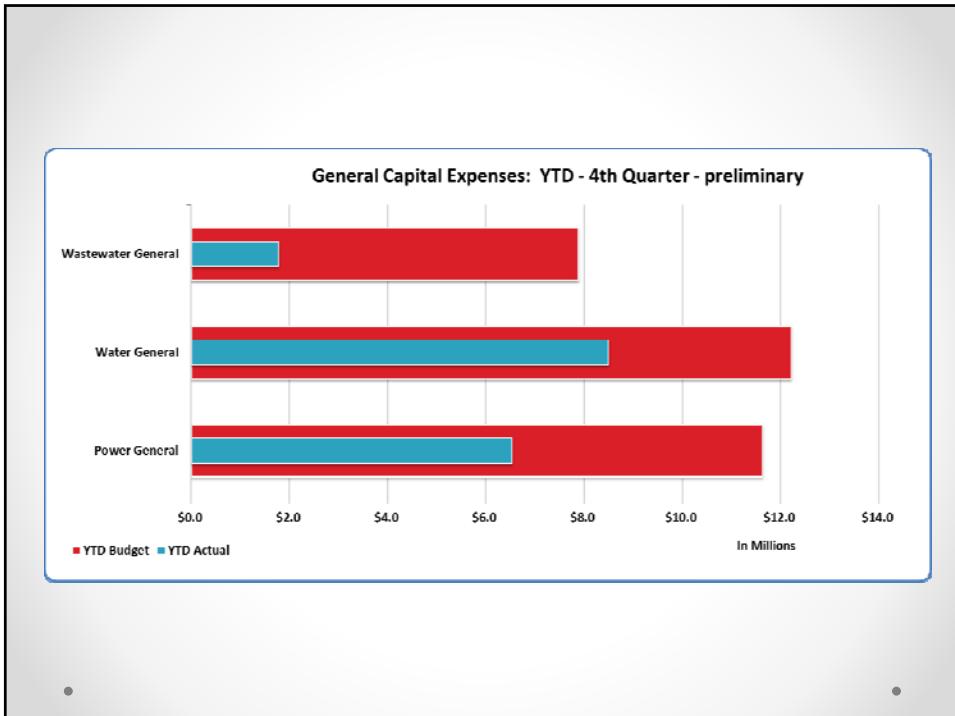
Water & Power Quarterly Financial Report

Loveland Utilities Commission

February 18, 2015







City of Loveland
Financial Statement-Raw Water
For Period Ending 12/31/2014
Preliminary as of 2/4/2015

| | * TOTAL BUDGET FYE 12/31/2014 | * YTD ACTUAL | YTD BUDGET | OVER <UNDER> | OVER VARIANCE |
|--|----------------------------------|---------------------|---------------------|---------------------|------------------|
| 1 REVENUES & SOURCES | | | | | |
| 2 Hi-Use Surcharge | * 43,000 | * 72,195 | 43,000 | 29,195 | 67.9% |
| 3 Raw Water Development Fees/Cap Rec Surcharge | * 350,700 | * 535,000 | 350,700 | 184,300 | 52.6% |
| 4 Cash-In-Lieu of Water Rights | * 45,000 | * 46,200 | 45,000 | 1,200 | 2.7% |
| 5 Native Raw Water Storage Fees | * 5,000 | * 75,500 | 5,000 | 70,500 | 1410.0% |
| 6 Raw Water 1% Transfer In | * 839,990 | * 821,470 | 839,990 | (18,520) | -2.2% |
| 7 Interest on Investments | * 322,850 | * 397,978 | 322,850 | 75,128 | 23.3% |
| 8 TOTAL REVENUES & SOURCES | * 1,606,540 | * 1,948,343 | 1,606,540 | 341,803 | 21.3% |
| 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) | * 1,114,674 | (12,227,190) | 13,341,864 | -109.1% |
| 15 RAW WATER CAPITAL EXPENDITURES | * 3,006,860 | * 190,451 | 3,006,860 | (2,816,409) | -93.7% |
| 16 ENDING CASH BALANCES | | | | | |
| 17 Total Available Funds | * * | * 14,929,702 | | | |
| 18 Reserve - Windy Gap Cash | * * | * 3,386,725 | | | |
| 19 Reserve - 1% Transfer From Rates | * * | * 3,802,839 | | | |
| 20 Reserve - Native Raw Water Storage Interest | * * | * 1,572,005 | | | |
| 21 TOTAL RAW WATER CASH | * * | * 23,691,272 | | | |
| 22 MINIMUM BALANCE (15% OF OPER EXP) | * * | * 2,075,060 | | | |
| 23 OVER/(UNDER) MINIMUM BALANCE | * * | * 21,616,212 | | | |

NOTE: YTD ACTUAL DOES NOT INCLUDE ENCUMBRANCES TOTALING: \$ 0

City of Loveland
Financial Statement-Water
For Period Ending 12/31/2014
Preliminary as of 2/4/2015

| | TOTAL BUDGET FYE 12/31/2014 | YTD ACTUAL | YTD BUDGET | OVER <UNDER> | VARIANCE |
|---|--------------------------------|-------------------|-------------------|---------------------|---------------|
| 1 **UNRESTRICTED FUNDS** | | | | | |
| 3 Water Sales | 11,321,270 | 10,719,482 | 11,321,270 | (601,788) | -5.3% |
| 4 Raw Water Transfer Out | (839,990) | (821,470) | (839,990) | 18,520 | -2.2% |
| 5 Wholesale Sales | 71,380 | 111,432 | 71,380 | 40,052 | 56.1% |
| 6 Meter Sales | 38,740 | 87,703 | 38,740 | 48,963 | 126.4% |
| 7 Interest on Investments | 114,730 | 126,508 | 114,730 | 11,778 | 10.3% |
| 8 Other Revenue | 18,933,830 | 3,499,585 | 18,933,830 | (15,434,245) | -81.5% |
| 9 External Loan Monies Received | 0 | 0 | 0 | 0 | 0.0% |
| 10 TOTAL REVENUES & SOURCES | 29,639,960 | 13,723,240 | 29,639,960 | (15,916,720) | -53.7% |
| 11 OPERATING EXPENSES | | | | | |
| 12 Source of Supply | 3,019,650 | 2,189,232 | 3,019,650 | (830,418) | -27.5% |
| 13 Treatment | 2,725,132 | 2,394,874 | 2,725,132 | (330,259) | -12.1% |
| 14 Distribution Operation & Maintenance | 3,102,600 | 2,719,009 | 3,102,600 | (383,591) | -12.4% |
| 15 Administration | 506,750 | 313,145 | 506,750 | (193,605) | -38.2% |
| 16 Customer Relations | 238,900 | 235,918 | 238,900 | (2,982) | -1.2% |
| 17 PILT | 729,730 | 692,861 | 729,730 | (36,869) | -5.1% |
| 18 1% for Arts Transfer | 55,420 | 51,487 | 55,420 | (3,933) | -7.1% |
| 19 Services Rendered-Other Departments | 1,034,610 | 985,580 | 1,034,610 | (49,030) | -4.7% |
| 20 Internal Loan Debt Expense | 810,000 | 832,800 | 810,000 | 22,800 | 2.8% |
| 21 External Loan Debt Expense | 33,200 | 3,940 | 33,200 | (29,260) | -88.1% |
| 22 TOTAL OPERATING EXPENSES | 12,255,992 | 10,418,846 | 12,255,992 | (1,837,146) | -15.0% |
| 23 NET OPERATING REVENUE/(LOSS)(excl depr) | 17,383,968 | 3,304,394 | 17,383,968 | (14,079,574) | -81.0% |
| 24 CAPITAL EXPENDITURES | | | | | |
| 25 ENDING CASH BALANCE | | | 3,559,881 | | |
| 26 WATER DEBT FUND ENDING CASH BALANCE | | | 24,526 | | |
| 26 PLUS MONIES RECEIVED FROM LENDERS | | | | | |
| 27 MINIMUM BALANCE (15% OF OPER EXP) | | | 1,838,399 | | |
| 28 OVER/(UNDER) MINIMUM BALANCE | | | 1,721,482 | | |
| 29 **RESTRICTED FUNDS** | | | | | |
| 30 REVENUES & SOURCES | | | | | |
| 31 SIF Collections | 9,652,540 | 3,679,836 | 9,652,540 | (5,972,704) | -61.9% |
| 32 SIF Interest Income | 77,300 | 151,092 | 77,300 | 73,792 | 95.5% |
| 33 TOTAL SIF REVENUES & SOURCES | 9,729,840 | 3,830,929 | 9,729,840 | (5,898,911) | -60.6% |
| 34 SIF Capital Expenditures | 17,545,460 | 5,012,266 | 17,545,460 | (12,533,194) | -71.4% |
| 35 1% for Arts Transfer | 52,500 | 26,938 | 52,500 | (25,562) | -48.7% |
| 36 SIF ENDING CASH BALANCE | | | 8,300,164 | | |
| 37 TOTAL ENDING CASH BALANCE | | | 11,860,045 | | |
| NOTE: YTD ACTUAL DOES NOT INCLUDE ENCUMBRANCES TOTALING: | | \$ 23,612,145 | | | |
| 38 Water Treated at WTP (in million gallons) | * | * | 4,183 | | |
| 39 Water Sold to Customers (in million gallons, includes Ranchwater & Hydrant Sales) | * | 3,675 | 3,484 | 3,675 | (191) |
| | * | * | | | -5.2% |

City of Loveland
Financial Statement-Wastewater
For Period Ending 12/31/2014
Preliminary as of 2/4/2015

| | * TOTAL BUDGET FYE 12/31/2014 | * YTD ACTUAL | YTD BUDGET | OVER <UNDER> | VARIANCE |
|---|----------------------------------|--------------------|---------------------|--------------------|---------------|
| 1 **UNRESTRICTED FUNDS** | | | | | |
| 2 REVENUES & SOURCES | | | | | |
| 3 Sanitary Sewer Charges | * 8,269,970 | * 8,164,509 | 8,269,970 | (105,461) | -1.3% |
| 4 High Strength Surcharge | * 546,760 | * 360,839 | 546,760 | (185,921) | -34.0% |
| 5 Interest on Investments | * 35,340 | * 136,506 | 35,340 | 101,166 | 286.3% |
| 6 Other Revenue | * 38,680 | * 196,569 | 38,680 | 157,889 | 408.2% |
| 7 TOTAL REVENUES & SOURCES | * 8,890,750 | * 8,858,424 | 8,890,750 | (32,326) | -0.4% |
| 8 OPERATING EXPENSES | | | | | |
| 9 Treatment | * 3,247,998 | * 2,746,401 | 3,247,998 | (501,597) | -15.4% |
| 10 Collection System Maintenance | * 1,869,110 | * 1,466,805 | 1,869,110 | (402,305) | -21.5% |
| 11 Administration | * 415,860 | * 191,321 | 415,860 | (224,539) | -54.0% |
| 12 Customer Relations | * 35,240 | * 49,842 | 35,240 | 14,602 | 41.4% |
| 13 PILT | * 617,170 | * 596,151 | 617,170 | (21,019) | -3.4% |
| 14 1% for Arts Transfer | * 22,773 | * 4,895 | 22,773 | (17,878) | -78.5% |
| 15 Services Rendered-Other Departments | * 472,190 | * 443,280 | 472,190 | (28,910) | -6.1% |
| 16 TOTAL OPERATING EXPENSES | * 6,680,341 | * 5,498,696 | 6,680,341 | (1,181,645) | -17.7% |
| 17 NET OPERATING REVENUE/(LOSS)(excl depr) | * 2,210,409 | * 3,359,728 | 2,210,409 | 1,149,319 | 52.0% |
| 18 CAPITAL EXPENDITURES | * 7,884,949 | * 1,776,282 | 7,884,949 | (6,108,667) | -77.5% |
| 19 ENDING CASH BALANCE | | | 8,907,916 | | |
| 20 MINIMUM BALANCE (15% OF OPER EXP) | | | * 1,002,051 | | |
| 21 OVER/(UNDER) MINIMUM BALANCE | | | * 7,905,865 | | |
| 22 **RESTRICTED FUNDS** | | | | | |
| 23 REVENUES & SOURCES | | | | | |
| 24 SIF Collections | * 1,113,850 | * 1,570,080 | 1,113,850 | 456,230 | 41.0% |
| 25 SIF Interest Income | * 39,760 | * 96,778 | 39,760 | 57,018 | 143.4% |
| 26 TOTAL SIF REVENUES & SOURCES | * 1,153,610 | * 1,666,858 | 1,153,610 | 513,248 | 44.5% |
| 27 SIF Capital Expenditures | * 1,325,030 | * 587,517 | 1,325,030 | (737,513) | -55.7% |
| 28 1% for Arts Transfer | * 8,130 | * 4,239 | 8,130 | (3,891) | -47.9% |
| 29 SIF ENDING CASH BALANCE | | | * 6,561,424 | | |
| 30 TOTAL ENDING CASH BALANCE | | | * 15,469,340 | | |

NOTE: YTD ACTUAL DOES NOT INCLUDE ENCUMBRANCES TOTALING \$ 495,499

City of Loveland
Financial Statement-Power
For Period Ending 12/31/2014

Preliminary As Of 2/4/2015

| | TOTAL BUDGET | YTD ACTUAL | YTD BUDGET | OVER <UNDER> | VARIANCE |
|--|---------------------|---------------------|---------------------|----------------------|----------------|
| **UNRESTRICTED FUNDS** | | | | | |
| 1 REVENUES & SOURCES: | | | | | |
| 2 Electric revenues | \$53,808,970 | \$52,507,782 | \$53,808,970 | (\$1,301,188) | -2.4% |
| 3 Wheeling charges | \$240,000 | \$280,069 | \$240,000 | \$40,069 | 16.7% |
| 4 Interest on investments | \$154,120 | \$284,332 | \$154,120 | \$130,212 | 84.5% |
| 5 Aid-to-construction deposits | \$750,000 | \$2,149,320 | \$750,000 | \$1,399,320 | 186.6% |
| 6 Customer deposit-services | \$160,000 | \$221,467 | \$160,000 | \$61,467 | 38.4% |
| 7 Doorhanger fees | \$420,000 | \$413,088 | \$420,000 | (\$6,912) | -1.6% |
| 8 Connect Fees | \$160,000 | \$162,552 | \$160,000 | \$2,552 | 1.6% |
| 9 Services rendered to other depts. | \$0 | \$4,030 | \$0 | \$4,030 | 0.0% |
| 10 Other revenues | \$402,950 | \$386,353 | \$402,950 | (\$16,597) | -4.1% |
| 11 Year-end cash adjustments | \$0 | \$0 | \$0 | \$0 | 0.0% |
| 12 TOTAL NORMAL REVENUES & SOURCES | \$56,096,040 | \$56,408,992 | \$56,096,040 | \$312,952 | 0.6% |
| 13 FLOOD REVENUE (UNBUDGETED) | \$0 | \$946,676 | \$0 | \$946,676 | 0.0% |
| 14 TOTAL REVENUES & SOURCES | \$56,096,040 | 57,355,668 | \$56,096,040 | \$1,259,628 | 2.2% |
| 15 OPERATING EXPENSES: | | | | | |
| 16 Hydro oper. & maint. | \$5,261,600 | \$1,398,131 | \$5,261,600 | (\$3,863,469) | -73.4% |
| 17 Purchased power | \$39,499,067 | \$39,499,067 | \$39,499,067 | \$0 | 0.0% |
| 18 Distribution oper. & maint. | \$4,234,058 | \$3,295,715 | \$4,234,058 | (\$938,343) | -22.2% |
| 19 Customer Relations | \$1,074,030 | \$1,029,929 | \$1,074,030 | (\$44,101) | -4.1% |
| 20 Administration | \$825,630 | \$451,939 | \$825,630 | (\$373,691) | -45.3% |
| 21 Payment in-lieu-of taxes | \$3,772,860 | \$3,629,067 | \$3,772,860 | (\$143,793) | -3.8% |
| 22 1% for Arts Transfer | \$78,940 | \$29,248 | \$78,940 | (\$49,692) | -62.9% |
| 23 Services rendered-other depts. | \$2,154,280 | \$2,106,510 | \$2,154,280 | (\$47,770) | -2.2% |
| 24 TOTAL OPERATING EXPENSES (excl depn) | \$56,900,465 | \$51,439,606 | \$56,900,465 | (\$5,460,859) | -9.6% |
| 25 NET OPERATING REVENUE/(LOSS) (excl depn) | (\$804,425) | \$5,916,062 | (\$804,425) | \$6,720,487 | -835.4% |
| 26 CAPITAL EXPENDITURES: | | | | | |
| 27 General Plant/Other Generation & Distribution | \$9,619,711 | \$4,184,426 | \$9,619,711 | (\$5,435,285) | -56.5% |
| 28 Aid-to-construction | \$1,815,034 | \$2,078,465 | \$1,815,034 | \$263,431 | 14.5% |
| 29 Service installations | \$190,000 | \$266,343 | \$190,000 | \$76,343 | 40.2% |
| 30 TOTAL CAPITAL EXPENDITURES | \$11,624,745 | \$6,529,234 | \$11,624,745 | (\$5,095,512) | -43.8% |
| 31 ENDING CASH BALANCE | | \$19,674,446 | | | |
| 32 MINIMUM BAL. (15% of OPER EXP excl depn) | | \$8,535,070 | | | |
| 33 OVER/(UNDER) MINIMUM BALANCE | | \$11,139,376 | | | |
| 34 **RESTRICTED FUNDS** | | | | | |
| 35 PIF Collections | \$2,464,870 | \$2,524,982 | \$2,464,870 | \$60,112 | 2.4% |
| 36 PIF Interest Income | \$22,920 | \$66,759 | \$22,920 | \$43,839 | 191.3% |
| 37 Water Loan Payback | \$810,000 | \$832,800 | \$810,000 | \$22,800 | 2.8% |
| 38 TOTAL REVENUES | \$3,297,790 | \$3,424,542 | \$3,297,790 | \$126,752 | 3.8% |
| 39 PIF Feeders | \$1,075,000 | \$218,509 | \$1,075,000 | (\$856,491) | -79.7% |
| 40 PIF Substations | \$2,547,970 | \$1,994,181 | \$2,547,970 | (\$553,789) | -21.7% |
| 41 TOTAL EXPENDITURES | \$3,622,970 | \$2,212,690 | \$3,622,970 | (\$1,410,280) | -38.9% |
| 42 ENDING PIF CASH BALANCE | | \$3,380,285 | | | |
| 43 TOTAL ENDING CASH BALANCE | | \$23,054,731 | | | |

NOTE: YTD ACTUAL does NOT include encumbrances totalling \$2,007,958

| | | | | | |
|--|-----|-----|-----|-----|-------|
| 44 Energy Purchased (in million kWh) from PRPA | 763 | 761 | 763 | (2) | -0.2% |
| 45 Energy Sold to Customers (in million kWh) | 733 | 725 | 733 | (8) | -1.1% |

2/10/2015



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: 6

MEETING DATE: 2/18/2015

SUBMITTED BY: Kim O'Field, Technical Specialist

TITLE: Electric Legislative Update

DESCRIPTION:

This item and the attachment are intended to give a brief update on electric-related legislation being contemplated by the Colorado General Assembly. Loveland Water and Power works closely with Platte River Power Authority (PRPA) and its sister cities but relies primarily on the Colorado Association of Municipal Utilities (CAMU) for information on electric-related legislation.

SUMMARY:

Please see attachment A for the legislative tracking sheets from CAMU. Please see attachment B for the legislative tracking for PRPA. Some recent activity and key state legislation affecting electric utilities are:

Include Hydropower in the Colorado RES – HB15-1118 seeks to include existing and new large hydroelectric projects as eligible resources under the Colorado Renewable Energy Standard (RES). The bill sponsor is expected to pull this bill though since opposition believes it could jeopardize some small hydro projects under construction in his district.

Creating a Tax Credit for Energy Efficiency Improvements – HB15-1132 creates income tax credits for individuals who make qualified energy efficient investments in their homes. There are questions about potential expenses to the State which may make this bill difficult to pass.

Electric Renewable Energy Standard Reduction – SB15-044 seeks to reduce the minimum percentage of renewable energy required of investor-owned utilities from 20% to 15% for the years 2015 through 2019 and from 30% to 15% for the years 2020 and beyond. It also seeks to reduce the minimum amounts for cooperative electric associations from 20% to 15% for the years 2020 and beyond. This bill does not affect municipal utilities but is being closely monitored by CAMU.

Counting Community Solar Gardens as Retail Distributed Generation for Cooperatives – SB15-046 seeks to allow Rural Electric Coops (RECs) to count community solar gardens as retail distributed generation to meet their requirements under the Colorado RES. The bills also seeks to create a 3x multiplier for Coops and Municipalities for all retail distributed generation. Colorado Springs Utilities is working to amend this bill to extend the existing 3x solar multiplier to December, 2016. Currently the solar multiplier sunsets in June, 2015.

Requiring a Coordinated Review of Colorado's CO2 State Implementation Plan – SB15-092 seeks to require all utilities in the state to file a resource plan with the Colorado Public Utility Commission (PUC) which will be used to create a State Implementation Plan to be sent to the General Assembly for approval before being filed with the Environmental Protection Agency (EPA) under the Federal Clean Power Plan. As drafted this bill has significant constitutional problems.

Mandating Utilities Develop Grid Modernization Plans – SB15-120 seeks to require all retail electric service providers serving more than 40,000 customers to develop grid modernization plans and submit those to their governing boards. The plans would need to address optimizing demand-side management; optimizing supply-side management; achieving advanced metering functionality within 5 years; increasing electric grid reliability by improving integration capabilities for distributed resources; and achieving advanced metering infrastructure functionality within 5 years.

CAMU Metrics:

Total bills introduced (01/27): 279
Total bills tracked: 13 (4% of total)

CAMU Positions on Active Bills:

Monitor – 7
Support – 1
Oppose – 2
Amend – 1
Deliberating – 2

RECOMMENDATION:

Staff item only. No action required.

REVIEWED BY DIRECTOR:

HP for SA

ATTACHMENTS:

- **Attachment A:** CAMU Legislative Tracking Sheet
- **Attachment B:** PRPA Legislative Tracking Sheet

Attachment A



Colorado Association of Municipal Utilities
2015 State Legislative Tracking Sheet

HB15-1107

Annexation Large Communities Served By Metro Dists

Comment:

Position:

Monitor

Summary:

Before a municipality may commence an annexation of a land area containing 70,000 or more residents and that is currently served by a metropolitan district (district), the bill requires the board of directors of the district to approve the potential annexation by a vote of not less than 2/3 of its members. The bill also requires the board to communicate the results of any such vote to the governing body of the municipality within 30 days of the vote.

Status:

01/15/2015 Introduced In House - Assigned to Local Government

Amendments:

HB15-1118

Hydroelectric Power

Comment:

In general, CAMU has long supported including existing hydro as a renewable resource. However, this measure is not likely to pass in the House of Representatives. Sponsor to pull the bill.

Position:

Monitor

Summary:

The bill amends the definition of "renewable energy resources" that can be used to meet the state's renewable energy standard to include hydroelectricity and pumped hydroelectricity.

Status:

01/15/2015 Introduced In House - Assigned to State, Veterans, & Military Affairs

Amendments:

HB15-1121

Wind Energy Devel Agreement Recording & Expiration

Comment:

Position:

Monitor

Summary:

Current law declares that the right to wind energy is a property right appurtenant to the surface estate and governs the creation of agreements between an owner of surface rights and a wind energy developer. The bill amends and adds relevant definitions, including the definition of a wind energy developer of record, which is the wind

energy developer named in an agreement that is recorded in county land records. The bill also specifies that:

- * Like other agreements affecting the title to real property, until a wind energy agreement is recorded, it is not binding on anyone other than the parties and those with notice of the agreement.
- * Rights under a recorded wind energy agreement executed on or after July 1, 2012, expire after 15 years unless the agreement provides otherwise or unless wind-powered energy generation has occurred on the subject property.
- * Once a wind energy developer has determined to begin construction of generating facilities under a wind energy agreement, the developer may record an affidavit stating when construction will begin. If no affidavit is recorded, the developer's rights will expire after 15 years unless the agreement provides otherwise.
- * A wind energy agreement, as well as any release due to the termination or expiration of rights under the agreement, must be recorded in both the grantor and grantee indices and under the names of all parties.
- * If a recorded wind energy agreement expires or is terminated, the wind energy developer of record is required to record a release. If the developer fails to do so within a specified period, the developer and any transferee of the developer's rights under the agreement are jointly and severally liable for any damages to the surface owner that result from the failure to record the release.

Status:

01/16/2015 Introduced In House - Assigned to Transportation & Energy
 01/28/2015 House Committee on Transportation & Energy Refer Unamended to House Committee of the Whole
 02/02/2015 House Second Reading Passed - No Amendments
 02/03/2015 House Third Reading Passed - No Amendments

Amendments:

HB15-1132

Residential Energy Efficiency Tax Credit

Comment:

Position:

Support

Summary:

The bill creates a residential energy reduction income tax credit for the income tax years commencing on or after January 1, 2015, but prior to January 1, 2020, for any resident individual who makes qualified improvements to their home that result in improved energy efficiency, measured in millions of British thermal units (MMBTU). In order to claim the credit, a resident individual must seek a credit certificate from the Colorado energy office (office) and must also obtain a pre-improvement residential energy efficiency audit from a certified home energy rater. After the improvements are made, a post-improvement inspection must be conducted that establishes the net residential energy reduction as compared to the pre-improvement residential energy efficiency audit. For a qualified residence, the tax credit is equal to:

- * \$1,000 for a residential energy reduction of 30 or more but less than 45 MMBTU;
- * \$1,500 for a residential energy reduction of 45 or more but less than 60 MMBTU; or
- * \$2,000 for a residential energy reduction of 60 or more MMBTU. The bill also specifies that the office has the authority to reduce the amount of the tax credit by an amount less than or equal to any available residential energy efficiency utility rebates or other such incentives available through the office, and requires the office to post guidelines on its web site to explain how this reduction will occur. The bill also allows the office to reduce a tax credit, after an accounting of the cost of the qualified improvements, if the costs are not sufficient to justify a full tax credit, notwithstanding the MMBTU residential energy reduction for the qualified residence. The bill requires the office to post guidelines on its web site to explain how a tax credit could be

reduced dependent on the cost of the qualified improvements. The tax credit is nonrefundable, but it is allowed to be carried forward as an offset to future tax liability for a period of 5 years.

Status: 01/22/2015 Introduced In House - Assigned to Transportation & Energy + Finance + Appropriations

Amendments:

HB15-1197

Indemnity In Public Construction Contracts

Comment:

Position:

Summary: Currently, public entities in construction-related contracts are prohibited from being indemnified for the public entity's own negligence. The bill clarifies this provision by specifying that:

- * It also applies to a design contract and to an obligation to pay for the defense of the public entity;
- * The contractor's obligation is limited to the amount of negligence attributable to the contractor and its agents, representatives, subcontractors, and suppliers; and
- * The obligation only arises when the amount of its liability for the losses of the third party are adjudicated.

Status: 02/02/2015 Introduced In House - Assigned to Judiciary

Amendments:

HB15-1210

GA Review Envtl Rules Required In Lieu Fed Law

Comment:

Position:

Summary: The bill requires the air quality control commission, water quality control commission, and solid and hazardous waste commission to submit an annual report to the general assembly regarding all new and amended Winkle rules that are required by new or amended regulations proposed or adopted by the federal environmental protection agency (EPA) pursuant to the federal clean air, clean water, and hazardous waste laws to maintain state primacy regarding the enforcement of state environmental law operating in lieu of federal environmental law. A rule specified in the report cannot be submitted for EPA's approval unless the general assembly has acted by bill to approve the submission of that particular rule. A bill to approve the submission of one or more rules specified in the report is exempt from the 5-bill limit.

Status: 02/03/2015 Introduced In House - Assigned to State, Veterans, & Military Affairs

Amendments:

SB15-009

Public Building Woody Biomass Energy Grant Program

Comment:

Position: **Monitor**

Summary: Wildfire Matters Review Committee. The bill promotes the use of woody biomass as a fuel source for public buildings by creating the woody biomass grant program. The program is funded by an annual \$1 million transfer from the general fund for 5 fiscal years. The executive director of the department of natural resources will award grants to a public entity that will use woody biomass as a fuel source for a public building's

biomass energy system when either the use of the grant allows the public building to be cost-effective when compared with other fuels or the executive director reasonably believes that making the grant provides other substantial benefits as specified in rules. The rules must include:

- * A preference for making grants to projects that use a woody biomass energy system for 2 or more public buildings that are located near one another; and
- * Criteria to evaluate grant applications and prioritize the award of grants, including at least an analysis of whether the public building is or will be located within a reasonable distance of a substantial forested area of the state as determined by the state forester.

Status: 01/07/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy
01/15/2015 Senate Committee on Agriculture, Natural Resources, & Energy Postpone Indefinitely

Amendments:

SB15-044

Electric Renewable Energy Standard Reduction

Comment:

Position: **Monitor**

Summary:

Under current law, the public utilities commission is required to establish electric resource standards. These standards must set the minimum percentage of electricity that retail electric service providers in Colorado must generate or cause to be generated from recycled energy and renewable energy resources. The bill reduces the minimum percentage of renewable energy required of investor-owned utilities from 20% to 15% for the years 2015 through 2019 and from 30% to 15% for the years 2020 and thereafter. The bill also reduces the minimum amounts for cooperative electric associations from 20% to 15% for the years 2020 and thereafter.

Status: 01/07/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy
01/29/2015 Senate Committee on Agriculture, Natural Resources, & Energy Refer Unamended to Senate Committee of the Whole
02/03/2015 Senate Second Reading Passed - No Amendments
02/04/2015 Senate Third Reading Laid Over Daily - No Amendments
02/05/2015 Senate Third Reading Passed - No Amendments

Amendments:

SB15-046

Renewable Energy Std Adjust REAs Distributed Gen

Comment:

CSU is working with CREA to amend and support

Position:

Deliberating

Summary:

Under Colorado's renewable energy standard, by the year 2020, cooperative electric associations and municipally owned electric utilities will be required to obtain at least 10% and, in the case of a large cooperative serving 100,000 or more customers, 20% of the electricity they sell at retail from renewable sources. Renewable sources include "retail distributed generation", defined as a renewable energy resource located on the site of the customer's facilities and interconnected on the customer's side of the meter. Rooftop solar panels are the most common form of retail distributed generation. The bill allows these utilities to count each kilowatt-hour of electricity obtained through retail distributed generation as 3 kilowatt-hours for purposes of meeting the 2020 standard. In addition, the bill allows cooperative electric associations to use purchases

from community solar gardens to meet the retail distributed generation component of the renewable energy standard.

Status: 01/07/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

Amendments:

SB15-063

Alternative Energy For Schools Grant Program

Comment:

Position: **Monitor**

Summary: The bill takes the existing wind for schools grant program enacted in 2007 and broadens the program to include other types of electricity generated from eligible energy resources. The 2007 program allowed for grants not to exceed \$5,000 to be provided to public schools and community colleges for wind generation projects, was funded by federal "American Recovery and Reinvestment Act" money, required the schools to work with the national renewable energy laboratory to establish the projects, and was overseen by the Colorado energy office. This expanded program allows for grants not to exceed \$15,000 and continues to be overseen by the Colorado energy office. Because the national renewable energy laboratory no longer accepts applications for these grants, the bill also removes the requirement for a school to partner with the national renewable energy laboratory.

Status: 01/12/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

Amendments:

SB15-083

Certain Private Org Subject To CORA Requirements

Comment:

Position: **Monitor**

Summary: The bill modifies the definition of "public records" under the "Colorado Open Records Act" to include all writings made, maintained, or kept by a private organization that receives moneys collected by the state or a political subdivision of the state at the request of a public employee or taxpayer and that involve the receipt or expenditure of moneys by the private organization.

Status: 01/14/2015 Introduced In Senate - Assigned to Judiciary + State, Veterans, & Military Affairs
02/04/2015 Senate Committee on Judiciary Postpone Indefinitely

Amendments:

SB15-092

Multi-agency Review Of State Carbon Emission Plan

Comment: **As drafted, bill encroaches on MOUs constitutional protections. Recommending an oppose position.**

Position: **Oppose**

Summary: The bill requires that, before the Colorado department of public health and environment (department) adopts a state plan for the reduction of carbon emissions by Colorado electric utilities in accordance with pending federal regulations, the proposed plan be:
* Reviewed by the Colorado public utilities commission (PUC) in an evidentiary hearing to determine, among other things, its likely impact on the rates paid for

electricity by consumers;

- * Limited in its impact on rates to a 2% or less average annual increase;
- * Approved by the PUC in an order that is accompanied by a report, jointly signed by the PUC and the department, summarizing the effects of the plan on rates, reliability, and Colorado's economy;
- * Adopted by both houses of the general assembly in a resolution approved by a two-thirds affirmative vote; and
- * Subject to annual review by utilities with regard to its effects on reliability.

Status: 01/14/2015 Introduced In Senate - Assigned to State, Veterans, & Military Affairs

Amendments:

| <u>SB15-120</u> | Electric Grid Modernization Plans |
|------------------------|---|
| Comment: | Introduced version incorporates several CAMU suggested changes. Still imposes mandates on our large members. Recommend oppose. |
| Position: | Oppose |
| Summary: | <p>The bill requires all providers of retail electric service in Colorado, including municipal utilities and cooperative electric associations, to develop a grid modernization plan outlining how the provider, over a 10-year period, proposes to make measurable progress toward the following grid modernization objectives:</p> <ul style="list-style-type: none"> * Optimizing demand-side management; * Optimizing supply-side management; * Achieving advanced metering functionality within 5 years; * Increasing electric grid reliability by improving integration capabilities for distributed resources; and * Achieving advanced metering infrastructure functionality within 5 years. |
| Status: | 01/26/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy |

Amendments:

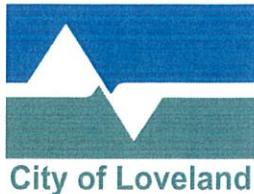
Attachment B

2015 PRPA Legislative Tracking Report

| Bill No. | Title | Category | Position | Status |
|---------------------------|--|-----------------------------|----------|--|
| HB15-1038 | Flexible Water Markets | Water | Monitor | House Committee on Agriculture, Livestock, & Natural Resources Refer Amended to House Committee of the Whole (02/02/2015) |
| HB15-1118 | Hydroelectric Power | Hydro | Monitor | Introduced In House - Assigned to State, Veterans, & Military Affairs (01/15/2015) |
| HB15-1121 | Wind Energy Devel Agreement Recording & Expiration | Wind | Monitor | House Third Reading Passed - No Amendments (02/03/2015) |
| HB15-1132 | Residential Energy Efficiency Tax Credit | Energy Credit | Support | Introduced In House - Assigned to Transportation & Energy + Finance + Appropriations (01/22/2015) |
| HB15-1145 | Implement Federal Radioactive Materials Audit | Environment | Support | Introduced In House - Assigned to Health, Insurance, & Environment (01/28/2015) |
| HB15-1159 | Instream Flow Incentive Tax Credit | Water | Monitor | Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Finance + Appropriations (01/29/2015) |
| HB15-1166 | South Platte Alluvial Aquifer Monitoring Network | Water | Monitor | Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Appropriations (01/29/2015) |
| HB15-1167 | South Platte River Mainstem Storage Study | Water | Monitor | Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources (01/29/2015) |
| HB15-1178 | Emergency Well Pumping Damaging High Groundwater | Water | Monitor | Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources (01/29/2015) |
| HB15-1197 | Indemnity In Public Construction Contracts | Construction | Monitor | Introduced In House - Assigned to Judiciary (02/02/2015) |
| HB15-1210 | GA Review Envil Rules Required In Lieu Fed Law | Environment | Monitor | Introduced In House - Assigned to State, Veterans, & Military Affairs (02/03/2015) |
| SB15-009 | Public Building Woody Biomass Energy Grant Program | Energy - Biomass | Monitor | Senate Committee on Agriculture, Natural Resources, & Energy Postpone Indefinitely (01/15/2015) |
| SB15-044 | Electric Renewable Energy Standard Reduction | Energy - Renewable Standard | Monitor | Senate Third Reading Passed - No Amendments (02/05/2015) |
| SB15-046 | Renewable Energy Std Adjust REAs Distributed Gen | Energy - Renewable Standard | Monitor | Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy (01/07/2015) |
| SB15-063 | Alternative Energy For Schools Grant Program | Alternative Energy | Monitor | Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy (01/12/2015) |
| SB15-084 | Water Right Partial Historical Consumptive Use | Water | Monitor | Senate Committee on Agriculture, Natural Resources, & Energy Witness Testimony and/or Committee Discussion Only (02/05/2015) |
| SB15-092 | Multi-agency Review Of State Carbon Emission Plan | Air Quality | Monitor | Introduced In Senate - Assigned to State, Veterans, & Military Affairs (01/14/2015) |

2015 PRPA Legislative Tracking Report

| Bill No. | Title | Category | Position | Status |
|--------------------------|---|------------------|----------|--|
| SB15-107 | Classification Of Independent Contractors | General Business | Monitor | Introduced In Senate - Assigned to Business, Labor, & Technology (01/23/2015) |
| SB15-120 | Electric Grid Modernization Plans | Grid | Monitor | Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy (01/26/2015) |



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: 7

MEETING DATE: 2/18/2015

SUBMITTED BY: Greg Dewey, Civil Engineer

G. Dewey

TITLE: Water Legislative Update

DESCRIPTION:

This item and the attachment are intended to give a brief update on water-related legislation being contemplated by the Colorado General Assembly. Loveland Water and Power relies primarily on the Colorado Water Congress (CWC) for information on water-related legislation.

SUMMARY:

The Second Regular Session of the Seventieth Colorado General Assembly convened on January 7, 2015 and will run through May 6, 2015. The Colorado Water Congress, through its State Affairs Committee, is currently tracking house and senate bills related to water. Attachment A is an extensive Bill dossier documenting relevant actions.

Of these, there are a few bills that City Staff finds interesting to Loveland:

1. HB-15-1118 Concerning the Expansion of the Types of Hydroelectricity among the Eligible Energy Resource Under Colorado's Renewable Energy Standard
2. SB-15-1144 Concerning the Prohibition of Synthetic Plastic Microbeads in Personal Care Products
3. SB-15-008 Concerning the Promotion of Water Conservation in the Land Use Planning Process

RECOMMENDATION:

Staff item only. No action required.

REVIEWED BY DIRECTOR:

AP for SA

ATTACHMENTS:

- **Attachment A:** Colorado Water Congress, State Affairs Committee, Water Bill Dossier, February 10, 2015.

Attachment A



Colorado Water Congress

THE LEADING VOICE OF COLORADO'S WATER COMMUNITY

Calendar Notification of Your Bill Dossier

Bill HB15-1038 - ARNDT Flexible Water Markets

Tuesday, February 10 2015

THIRD READING OF BILLS - FINAL PASSAGE

(1) in house calendar.

Bill HB15-1144 - PRIMAVERA / TODD Prohibit Plastic Microbeads Personal Care Products

Tuesday, February 10 2015

Public Health Care and Human Services

1:30 p.m. Room 0107

(3) in house calendar.

Bill SB15-010 - HODGE / MITSCH BUSH Repeal New Augmentation Standard Dawson Aquifer

Tuesday, February 10 2015

THIRD READING OF BILLS - FINAL PASSAGE

(3) in house calendar.

Bill SB15-055 - HODGE Return Of Water From Tail Ditch

Wednesday, February 11 2015

GENERAL ORDERS - SECOND READING OF BILLS

(2) in senate calendar.

Bill SB15-084 - HODGE Water Right Partial Historical Consumptive Use

Wednesday, February 11 2015

SENATE AGRICULTURE, NATURAL RESOURCES, & ENERGY COMMITTEE

Upon Adjournment SCR 354

(4) in senate calendar.

Bill SB15-064 - SONNENBERG Application Of State Water Law To Federal Agencies

Thursday, February 12 2015

SENATE AGRICULTURE, NATURAL RESOURCES, & ENERGY COMMITTEE

1:30 PM SCR 354

(1) in senate calendar.

Bill SB15-008 - ROBERTS / VIGIL Promote Water Conservation In Land Use Planning

Friday, February 13 2015

SENATE APPROPRIATIONS COMMITTEE

8:00 AM SCR 356

(1) in senate calendar.

Bill HB15-1118 - BROWN Hydroelectric Power

Wednesday, February 18 2015

State, Veterans, and Military Affairs

Upon Adjournment Room LSB-A

(3) in house calendar.



Bill HB15-1159 - ARNDT / DONOVAN Instream Flow Incentive Tax Credit

Wednesday, February 18 2015
Agriculture, Livestock, & Natural Resources
Upon Adjournment Room 0107
(3) in house calendar.

Bill HB15-1167 - BROWN South Platte River Mainstem Storage Study

Wednesday, February 18 2015
Agriculture, Livestock, & Natural Resources
Upon Adjournment Room 0107
(2) in house calendar.

Bill HB15-1178 - SAIN / MARBLE Emergency Well Pumping Damaging High Groundwater

Wednesday, February 18 2015
Agriculture, Livestock, & Natural Resources
Upon Adjournment Room 0107
(1) in house calendar.

Bill HB15-1006 - NOT ON CALENDAR

Bill HB15-1013 - NOT ON CALENDAR

Bill HB15-1016 - NOT ON CALENDAR

Bill HB15-1057 - NOT ON CALENDAR

Bill HB15-1093 - NOT ON CALENDAR

Bill HB15-1166 - NOT ON CALENDAR

Bill HJR15-1006 - NOT ON CALENDAR

Bill SB15-017 - NOT ON CALENDAR

Bill SB15-075 - NOT ON CALENDAR

Bill SB15-121 - NOT ON CALENDAR

Audio: Floors and Committees Concerning Your Bills

No audio clips found for any of the bills at this time.

Video Center Concerning Your Bills

No video clips found for any of the bills at this time.



BILL HB15-1006

CONCERNING THE ESTABLISHMENT OF A GRANT PROGRAM FOR THE MANAGEMENT OF INVASIVE PHREATOPHYTES.

Short Title: Invasive Phreatophyte Grant Program

Sponsors: CORAM / SONNENBERG

Status

01/07/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Appropriations

02/02/2015 House Committee on Agriculture, Livestock, & Natural Resources Refer Amended to Appropriations

[Fiscal Note](#)

Date Introduced: 2015-01-07

BILL HB15-1013

CONCERNING THE IMPLEMENTATION OF RECOMMENDATION NUMBER ONE SET FORTH IN THE STUDY OF THE SOUTH PLATTE RIVER ALLUVIAL AQUIFER PREPARED BY THE COLORADO WATER INSTITUTE PURSUANT TO HOUSE BILL 12-1278.

Short Title: South Platte Aquifer Study Recommendations

Sponsors: CORAM / SONNENBERG

Status

01/07/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Appropriations

01/26/2015 House Committee on Agriculture, Livestock, & Natural Resources Refer Amended to Appropriations

[Fiscal Note](#)

Date Introduced: 2015-01-07



BILL HB15-1016

CONCERNING INCENTIVES FOR PRECIPITATION HARVESTING.

Short Title: Promote Precipitation Harvesting Pilot Projects

Sponsors: CORAM / SONNENBERG

Status

01/07/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Finance

02/02/2015 House Committee on Agriculture, Livestock, & Natural Resources Witness Testimony and/or Committee Discussion Only

[Fiscal Note](#)

Date Introduced: 2015-01-07

BILL HB15-1038

CONCERNING FLEXIBLE WATER MARKETS.

Short Title: Flexible Water Markets

Sponsors: ARNDT

Status

01/07/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources

02/02/2015 House Committee on Agriculture, Livestock, & Natural Resources Refer Amended to House Committee of the Whole

[Fiscal Note](#)

Date Introduced: 2015-01-07

BILL HB15-1057

CONCERNING THE PROCESS FOR A STATEWIDE INITIATIVE TO BE PLACED ON A BALLOT.

Short Title: The Statewide Initiative Process

Sponsors: COURT / SONNENBERG

Status

01/07/2015 Introduced In House - Assigned to State, Veterans, & Military Affairs

[Fiscal Note](#)

Date Introduced: 2015-01-07



BILL HB15-1093

CONCERNING LIMITATIONS ON REQUIREMENTS FOR THE USE OF WATER-EFFICIENT PLUMBING FIXTURES.

Short Title: Exceptions Efficient Plumbing Fixture Requirements

Sponsors: DORE

Status

01/14/2015 Introduced In House - Assigned to State, Veterans, & Military Affairs

02/04/2015 House Committee on State, Veterans, & Military Affairs Postpone Indefinitely

[Fiscal Note](#)

Date Introduced: 2015-01-14

BILL HB15-1118

CONCERNING THE EXPANSION OF THE TYPES OF HYDROELECTRICITY AMONG THE ELIGIBLE ENERGY RESOURCES UNDER COLORADO'S RENEWABLE ENERGY STANDARD.

Short Title: Hydroelectric Power

Sponsors: BROWN

Status

01/15/2015 Introduced In House - Assigned to State, Veterans, & Military Affairs

[Fiscal Note](#)

Date Introduced: 2015-01-15

BILL HB15-1144

CONCERNING THE PROHIBITION OF SYNTHETIC PLASTIC MICROBEADS IN PERSONAL CARE PRODUCTS.

Short Title: Prohibit Plastic Microbeads Personal Care Products

Sponsors: PRIMAVERA / TODD

Status

01/28/2015 Introduced In House - Assigned to Public Health Care & Human Services

[Fiscal Note](#)

Date Introduced: 2015-01-28



BILL HB15-1159

CONCERNING THE INSTREAM FLOW INCENTIVE TAX CREDIT FOR WATER RIGHTS HOLDERS.

Short Title: Instream Flow Incentive Tax Credit

Sponsors: ARNDT / DONOVAN

Status

01/29/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Finance + Appropriations

[Fiscal Note](#)

Date Introduced: 2015-01-29

BILL HB15-1166

CONCERNING THE CREATION OF A TRIBUTARY GROUNDWATER MONITORING NETWORK IN THE SOUTH PLATTE RIVER ALLUVIAL AQUIFER.

Short Title: South Platte Alluvial Aquifer Monitoring Network

Sponsors: SAINÉ / MARBLE

Status

01/29/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources + Appropriations

02/09/2015 House Committee on Agriculture, Livestock, & Natural Resources Refer Amended to Appropriations

[Fiscal Note](#)

Date Introduced: 2015-01-29

BILL HB15-1167

CONCERNING A STUDY REGARDING THE CREATION OF ADDITIONAL WATER SUPPLIES IN THE SOUTH PLATTE RIVER BASIN.

Short Title: South Platte River Mainstem Storage Study

Sponsors: BROWN

Status

01/29/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources

Date Introduced: 2015-01-29



BILL HB15-1178

CONCERNING THE STATE ENGINEER'S AUTHORITY TO ALLOW WELL USERS TO LOWER THE WATER TABLE IN AN AREA THAT THE STATE ENGINEER DETERMINES IS EXPERIENCING DAMAGING HIGH GROUNDWATER LEVELS.

Short Title: Emergency Well Pumping Damaging High Groundwater

Sponsors: SAIN / MARBLE

Status

01/29/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources

Date Introduced: 2015-01-29

BILL HJR15-1006

Short Title: Water Projects Revolving Fund Eligibility Lists

Sponsors: VIGIL / SONNENBERG

Status

01/15/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources

01/26/2015 House Committee on Agriculture, Livestock, & Natural Resources Refer Unamended to House Committee of the Whole

01/28/2015 House Third Reading Passed - No Amendments

01/29/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

02/04/2015 Senate Committee on Agriculture, Natural Resources, & Energy Refer Unamended to Senate Committee of the Whole

02/09/2015 Senate Third Reading Passed - No Amendments

Date Introduced: 2015-01-15

BILL SB15-008

CONCERNING THE PROMOTION OF WATER CONSERVATION IN THE LAND USE PLANNING PROCESS.

Short Title: Promote Water Conservation In Land Use Planning

Sponsors: ROBERTS / VIGIL

Status

01/07/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

01/14/2015 Senate Committee on Agriculture, Natural Resources, & Energy Refer Amended to Appropriations

Fiscal Note

Date Introduced: 2015-01-07



BILL SB15-010

CONCERNING AUGMENTATION REQUIREMENTS FOR WELLS WITHDRAWING WATER FROM THE DAWSON AQUIFER.

Short Title: Repeal New Augmentation Standard Dawson Aquifer

Sponsors: HODGE / MITSCH BUSH

Status

01/07/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

01/14/2015 Senate Committee on Agriculture, Natural Resources, & Energy Refer Unamended - Consent Calendar to Senate Committee of the Whole

01/20/2015 Senate Second Reading Passed - No Amendments

01/21/2015 Senate Third Reading Passed - No Amendments

01/22/2015 Introduced In House - Assigned to Agriculture, Livestock, & Natural Resources

02/04/2015 House Committee on Agriculture, Livestock, & Natural Resources Refer Unamended to House Committee of the Whole

02/09/2015 House Second Reading Passed - No Amendments

Fiscal Note

Date Introduced: 2015-01-07

BILL SB15-017

CONCERNING THE APPELLATE PROCESS GOVERNING A DISTRICT COURT'S REVIEW OF FINAL AGENCY ACTIONS CONCERNING GROUNDWATER.

Short Title: Appellate Process For Decisions About Groundwater

Sponsors: JONES / CORAM

Status

01/07/2015 Introduced In Senate - Assigned to Judiciary

02/04/2015 Senate Committee on Judiciary Postpone Indefinitely

Fiscal Note

Date Introduced: 2015-01-07



BILL SB15-055

CONCERNING STATE ENGINEER ADMINISTRATION OF TAILWATER DITCHES.

Short Title: Return Of Water From Tail Ditch

Sponsors: HODGE

Status

01/12/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

02/05/2015 Senate Committee on Agriculture, Natural Resources, & Energy Refer Amended to Senate Committee of the Whole

[Fiscal Note](#)

Date Introduced: 2015-01-12

BILL SB15-064

CONCERNING LIMITS THAT THE BASIC TENETS OF COLORADO WATER LAW PLACE ON THE ABILITY OF CERTAIN FEDERAL AGENCIES TO IMPOSE CONDITIONS ON A WATER RIGHT OWNER IN EXCHANGE FOR PERMISSION TO USE FEDERAL LAND.

Short Title: Application Of State Water Law To Federal Agencies

Sponsors: SONNENBERG

Status

01/14/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

[Fiscal Note](#)

Date Introduced: 2015-01-14

BILL SB15-075

CONCERNING THE ABILITY TO IRRIGATE NOT MORE THAN ONE ACRE OF CROPS FROM A WELL.

Short Title: Exempt Well Irrigate Up To 1 Acre Commercial Crops

Sponsors: GRANTHAM / LUNDEEN

Status

01/14/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

02/04/2015 Senate Committee on Agriculture, Natural Resources, & Energy Postpone Indefinitely

[Fiscal Note](#)

Date Introduced: 2015-01-14



BILL SB15-084

CONCERNING A PROHIBITION ON REDUCING THE QUANTIFICATION OF A WATER RIGHT'S ACTUAL HISTORICAL USE IN A CHANGE OF WATER RIGHT.

Short Title: Water Right Partial Historical Consumptive Use

Sponsors: HODGE

Status

01/14/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

02/05/2015 Senate Committee on Agriculture, Natural Resources, & Energy Witness Testimony and/or Committee Discussion Only

[Fiscal Note](#)

Date Introduced: 2015-01-14

BILL SB15-121

CONCERNING THE ELIGIBILITY FOR FINANCING PROVIDED BY THE COLORADO WATER RESOURCES AND POWER DEVELOPMENT AUTHORITY OF A PUBLIC WATER SYSTEM THAT IS NOT OWNED BY A GOVERNMENTAL AGENCY.

Short Title: Drinking Water Fund Assistance Nonprofit Entities

Sponsors: CROWDER

Status

01/26/2015 Introduced In Senate - Assigned to Agriculture, Natural Resources, & Energy

02/05/2015 Senate Committee on Agriculture, Natural Resources, & Energy Refer Unamended to Appropriations

[Fiscal Note](#)

Date Introduced: 2015-01-26



AGENDA ITEM: 8

MEETING DATE: 2/18/2015

SUBMITTED BY: Steve Adams, Director

AP for SA

TITLE: Broadband Update

DESCRIPTION:

This item will provide LUC board members with an update on broadband.

SUMMARY:

On February 6, 2015 City Council received the following broadband update from the City Manager:

We've had an internal staff team meeting to begin discussion of broadband activities, as discussed in the City Council Workshop. We've paid close attention to the results of the successful 152 election in Estes Park, which basically mirrored Longmont's successful strategy in its election. Both cities went to the voters with a simple appeal to recapture a basic local control right that had been taken from them by State legislation, and did not put a detailed plan in front of the electorate.

In our preliminary staff discussion, this seems to be the best route to some decision on broadband. Before spending significant money on planning, first see whether the citizens will support and municipal role in broadband. The election would open a door to further consideration of a number of options. Staff is preparing a work plan that focuses in this direction for 2015. We will forward material to you when developed, and expect that this may be a topic discussed in the joint meeting with the School Board on March 19, 2015.

Water and Power staff has previously distributed the PowerPoint presentation and staff report for the City Council Workshop that was held on January 24, 2015. Also planned is a May 12, 2015 City Council Study Session.

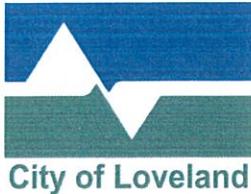
Staff will continue to keep the LUC informed about this Broadband topic.

RECOMMENDATION:

Staff item only. No action required.

REVIEWED BY DIRECTOR:

AP for SA



CITY OF LOVELAND

WATER & POWER DEPARTMENT

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AGENDA ITEM: 9

MEETING DATE: 2/18/2015

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.

- Colorado Water Congress –January 28-30, 2015

RECOMMENDATION:

Commission/Council report only.

REVIEWED BY DIRECTOR:

AP for SA



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: 10

MEETING DATE: 2/18/2015

SUBMITTED BY: Steve Adams, Director

AP for SA

TITLE: Director's Report

SUMMARY:

- **High Plains Landscape Workshop** — Loveland Water and Power (LWP) is a sponsor for the High Plains Landscape Workshop on February 28, 2015 at the Lincoln Center. This is a one-day workshop for homeowners and professionals designed to promote high quality, sustainable landscapes that reflect a sense of place in Colorado's northern Front Range. Please contact Allison Prokop for additional information or if you would like to register for this event. — Lindsey Bashline
- **Comprehensive Plan Update** — The planning effort is currently on schedule, of course this schedule is different than the one that we developed at the start of the project, but that is how it goes. We are still on track for a fall adoption. Below is a list of February public outreach events. So far these events have been meeting expectations and we are hopeful that we will get some good numbers during February, which we are terming Create Loveland Community Choices month. We will also be making a presentation at the Boards & Commissions Summit, so some of the LUC members will see us there. —Karl Barton

- **Event:** Create Loveland Open House
Date: Tuesday, February 3, 2015
Time: 4:30pm Stakeholder Committee Members,
6:00pm to 8:00pm general public
Location: Gertrude Scott Room
Loveland Public Library
300 Adams Ave

Please see attachment A for a copy of a handout that was distributed at this meeting.

- **Event:** Plan Hub
Date: Tuesday, February 10, 2015
Time: 5:00pm to 7:00 pm
Location: Loveland Aleworks
118 West 4th Street
- **Event:** Fire & Ice Festival
Date: Saturday, February 14, 2015
Time: 12:00pm to 5:00pm
Location: Boar & Bull
422 4th St

- **Event:** Plan Hub
Date: Thursday, February 26, 2015
Time: 2:00-4:00 pm
Location: Coffee Tree
210 East 4th St.
- **January 2015 Rumbles Magazine** — Published in the January 2015 Rumbles magazine are two articles for your review. *“Colorado Water: Live Like You Love it” Is a New Statewide Water Message* was written by Loveland Water and Power’s Lindsey Bashline and co-authored by Tracey Hewson. As well as, *Initiative for Public Trust Doctrine Narrowly Fails in Technology*. These articles can be viewed at the following link:
http://www.rmwea.org/RMWEA/committees/Publications/past_rumbles.html
- **Big Thompson Watershed News 2014** — Please see the following link for the 2014 Big Thompson Watershed 2014 newsletter. The Forum’s 2015 Watershed Conference to be held on September 24, 2015 and the Big Thompson River Watershed Water Quality Report will be presented at the meeting. More information will be provided closer to the event date.
<http://www.cityofloveland.org/Modules/ShowDocument.aspx?documentID=23515>
- **2015 Northern Water Workshops** — Northern Water will be hosting a series of informational workshops. Please let Allison Prokop know if you are interested in attending any or all of the workshops. Event information is listed below, please see attachment B for workshop details.

When: Wednesday, February 18, 2015
Wednesday, March 18, 2015
Wednesday, April 15, 2015
Wednesday, May 13, 2015

Time: 9:00 a.m. to 12:00 noon Morning session
12:00 noon to 1:00 p.m. Lunch (provided by Northern Water)
1:00 p.m. to 3:00 p.m. Afternoon session

Where: Northern Water Headquarters
220 Water Ave.
Berthoud, CO 80513
- **Boards & Commission Summit** — The LUC representatives for the 2015 Boards and Commissions Summit are Steve Adams, Gene Packer, and Dave Schneider.. – Steve Adams

Boards & Commission Summit
Thursday, February 19, 2015 5:00 pm to 9:00 pm
Rialto Theater Center
228 East 4th Street
Loveland, CO 80537
- **Business Innovation Conference** — More than 150 people attended the second annual Business Innovation Conference on January 29, 2015 in Fort Collins which was co-hosted by Fort Collins Utilities, Platte River Power Authority (PRPA) and Loveland Water and Power

(LWP). Sessions included discussion on innovative transportation methods, sustainable building, smart marketing and climate change. Attendees were able to watch a documentary film about Watershed in North America and listen to keynote speaker Dr. Richard Jackson talk about our built environment and its effect on public health. Water and Power also hosted a table promoting our energy efficiency and water conservation programs. – Tracey Hewson

- **Northern Colorado Home Improvement Show** — LWP, PRPA and Fort Collins Utilities pooled resources and staff together to market the Efficiency Works Home program and participate as an exhibitor in the Home Show hosted at The Ranch, January 23 – 25, 2015. – Lindsey Bashline
- **Tri City Meeting** – Mark your calendars for the Tri-City Meeting which will be on Thursday, May 21, 2015 starting at 6:00 pm in Greeley. More information will be provided closer to the event date. – Allison Prokop

RECOMMENDATION:

Director's report only.

REVIEWED BY DIRECTOR:

AP for SA

Attachment A

CENTERS + CORRIDORS

#1. SUPPORT A DOWNTOWN RENAISSANCE

WHAT ARE WE DOING TODAY?

- Implementing the Downtown Strategic Plan through the Urban Renewal Area, private/public partnerships, and strategic catalyst projects.
- Incentivizing redevelopment and rehabilitation of older buildings that contribute to Downtown.
- Designating and preserving the Downtown historic district and landmarks.
- Establishing a Downtown Development Authority (DDA).

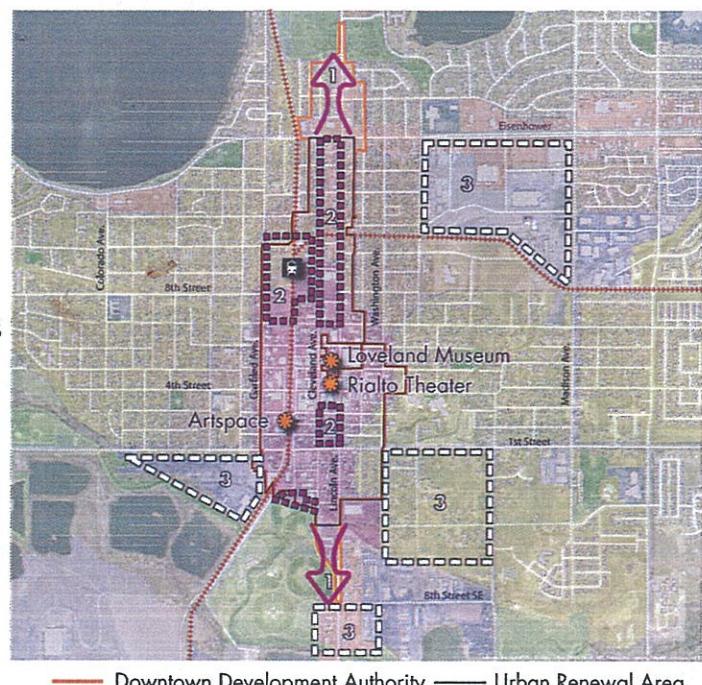
WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

- Continue to use available public resources to support new Downtown development.
- Focus public resources on a defined market niche of cultural institutions, dining, entertainment, retail and housing.
- Continue to focus available public resources in the historically defined core.
- Expand the Downtown area.
- Take a proactive approach to redevelopment.
- Wait for private sector redevelopment initiatives.
- Encourage building design consistent with the existing character of Downtown.
- Allow more flexible building designs to diversify the character of Downtown.
- Prioritize transportation (including bike, transit, and pedestrian) and utility infrastructure improvements in Downtown as a way to attract private investment.
- Other:

WHAT DOES THAT LOOK LIKE?

1) Expand Downtown North & South to Incorporate Supporting Land Uses & Increase Visitation

2) Support Key Catalytic Redevelopment that Meets the Vision of Downtown



3) Develop Areas to Support Downtown as the Cultural & Economic Center of Loveland



Improve City Infrastructure (Pedestrian Facilities, Lighting, Fiber, Stormwater) to Support the Desired Vision

CENTERS + CORRIDORS

#2. INVEST IN LOVELAND'S OLDER NEIGHBORHOODS

WHAT ARE WE DOING TODAY?

- Maintaining and upgrading existing neighborhood infrastructure.
- Stabilizing neighborhoods through code enforcement.
- Designating, preserving, and rehabilitating historic buildings and landmarks.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

- Stimulate targeted infill on vacant properties.
- Improve parks and other amenities.
- Promote the rehabilitation of housing.
- Promote more multi-family housing and mixed use developments to allow seniors to age in place, attract young families, and provide for the growing number of non-traditional households.
- Use public funds to refresh older/distressed neighborhoods.
- Prepare neighborhood plans to guide change where appropriate.
- Build the identity of Loveland's geographic areas by formalizing district and neighborhood names and branding.
- Transition disconnected developments to better support Downtown.
- Other:

WHAT DOES THAT LOOK LIKE?



Wayfinding and streetscape improvements



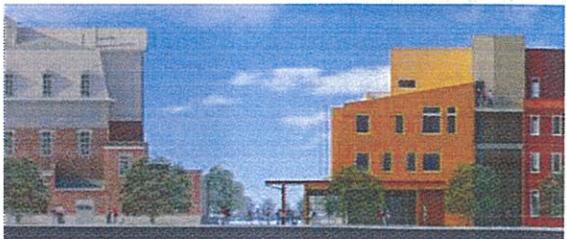
Park improvements



Multi-family housing and mixed-use developments



Targeted redevelopment



Façade improvements



After

Before



After

Before

NEIGHBORHOODS + COMMUNITY ASSETS

#3. FACILITATE COMPLETE NEIGHBORHOODS

WHAT ARE WE DOING TODAY?

- Developing new residential neighborhoods with quality and character.
- Offering a full range of housing types.
- Increasing availability of affordable rental and for-sale housing units.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

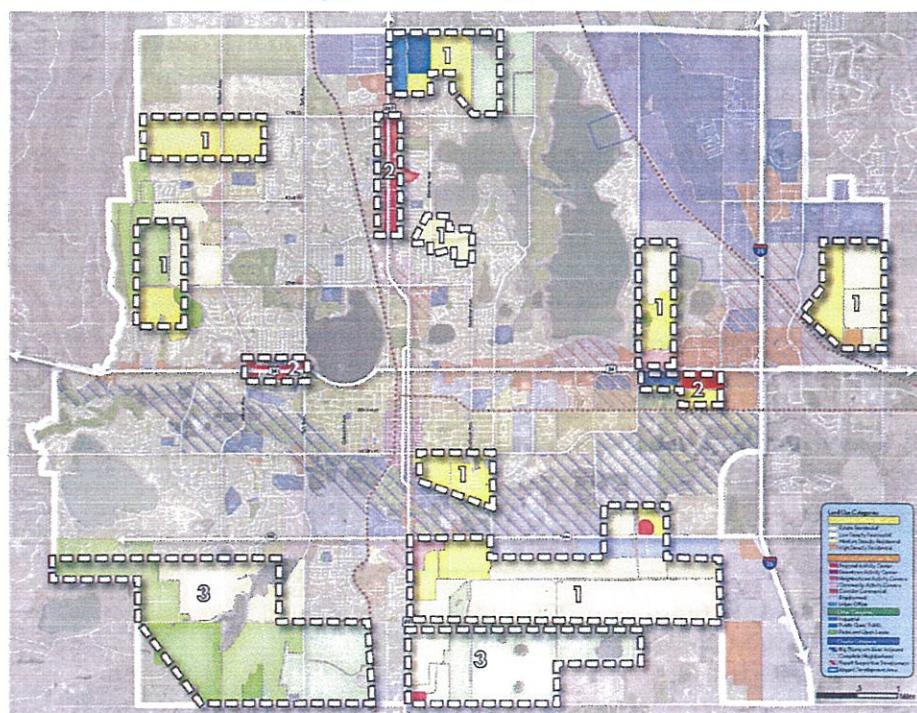
- Encourage new neighborhood patterns that mimic traditional development (as seen historically within the City).
- Infuse neighborhood-serving commercial areas into neighborhoods, for easy walking access.
- Keep neighborhoods strictly residential.
- Increase bicycle, pedestrian, and transit connections between commercial areas and neighborhoods.
- Protect and preserve environmental assets in sensitive natural areas through denser or clustered development patterns.
- Create universal housing design standards or incentives, to be usable by all people (young or old, healthy or ill) without the need for adaptation or specialized design.
- Support community programs to promote complete neighborhoods.
- Other:

WHAT DO OUR NEW NEIGHBORHOODS LOOK LIKE?

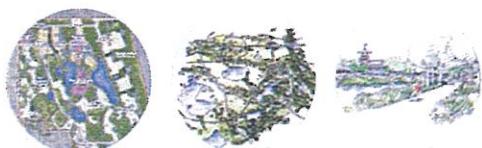
1) Develop Options for New Mixed-Use and Mixed-Density Neighborhoods.



2) Redevelop Mixed-Use Neighborhoods that are Close to Primary Corridors.



3) Create New Neighborhood Types that are Sensitive to Adjacent Natural Areas.



CENTERS + CORRIDORS

#4. CULTIVATE VIBRANT ECONOMIC CENTERS

WHAT ARE WE DOING TODAY?

- Encouraging multi-use, high-quality employment districts where campus-type settings are appropriate.
- Encouraging high quality regional retail centers.
- Providing sufficient lands for industry in the Fort Collins-Loveland Airport area and along the I-25 Corridor.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

- Promote redevelopment of older retail centers:
 - Incorporate a mix of uses;
 - Change to a different land use;
 - Focus on beautification and safety.
- Revise the Employment land use category to accommodate urban office development on small parcels.
- Designate more suitable locations for campus style office development.
- Reserve industrial lands for future primary jobs.
- Implement the Airport Strategic Plan.
- Provide amenities and urban housing opportunities that encourage a younger workforce to stay in Loveland.
- Remove barriers to cottage industries and work-at-home environments.
- Work with individual business owners to align their business plans with those of the community, and collaborate to achieve these visions.
- Align infrastructure improvements in strategic centers such as electric line undergrounding.
- Facilitate the extension of technological (i.e. fiber) infrastructure throughout the City.
- Other:

WHAT DO OUR ECONOMIC CENTERS LOOK LIKE?

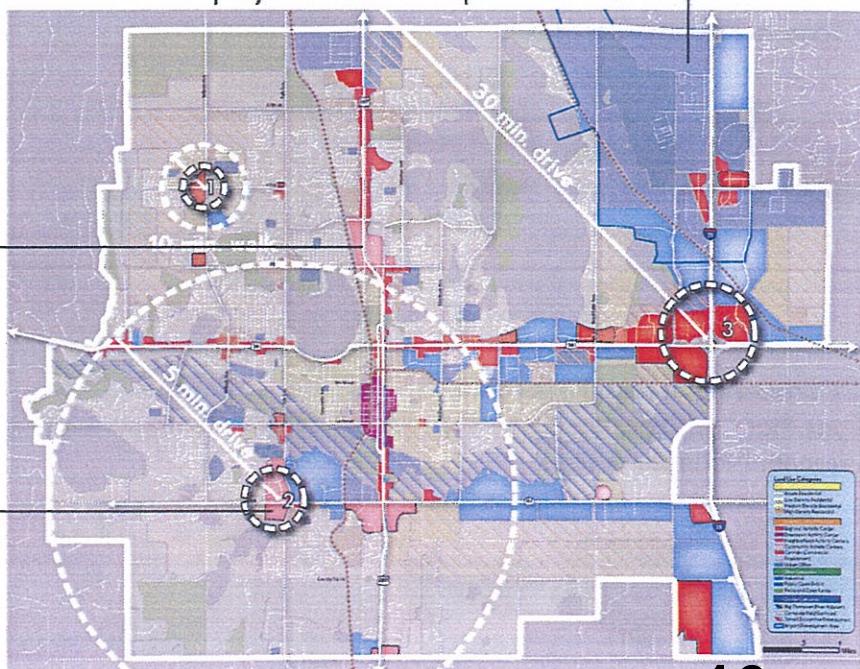
1) Neighborhood Center: Designed to encourage walking and biking access to and from neighborhoods.

2) Community Center: Primarily auto access, with pedestrian connections to neighborhood.

Promote redevelopment in older centers, such as Orchards Mall.

3) Regional Center: Serves regional market. Primarily auto access and regional transit.

Reinvent the airport as a regional employment and transportation asset.



Create new neighborhood and community centers (shown with a black outline).

CENTERS + CORRIDORS

#5. RE-VITALIZE OUR CORRIDORS AND GATEWAYS

WHAT ARE WE DOING TODAY?

- Promoting a positive image along major corridors.
- Concentrating commercial uses along corridors.
- Undertaking corridor planning to improve our commercial corridors.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

- Create higher aesthetic standards for our gateways.
- Use financial incentives to achieve higher quality design in gateway areas.
- Transition existing land uses to be more transit supportive in strategic areas creating a complementary mix of land uses including multi-family development near future transit stations.
- Continue current development patterns.
- Refine the standards for Corridor Commercial development to discourage strip commercial development patterns.
- Concentrate commercial uses in centers instead of as strip development.
- For Hwy 402, cluster new office, industrial and manufacturing uses at intersections, or dispersed evenly along the corridor.
- For I-25, focus new development on tourism, the sports industry and primary jobs.
- Other:

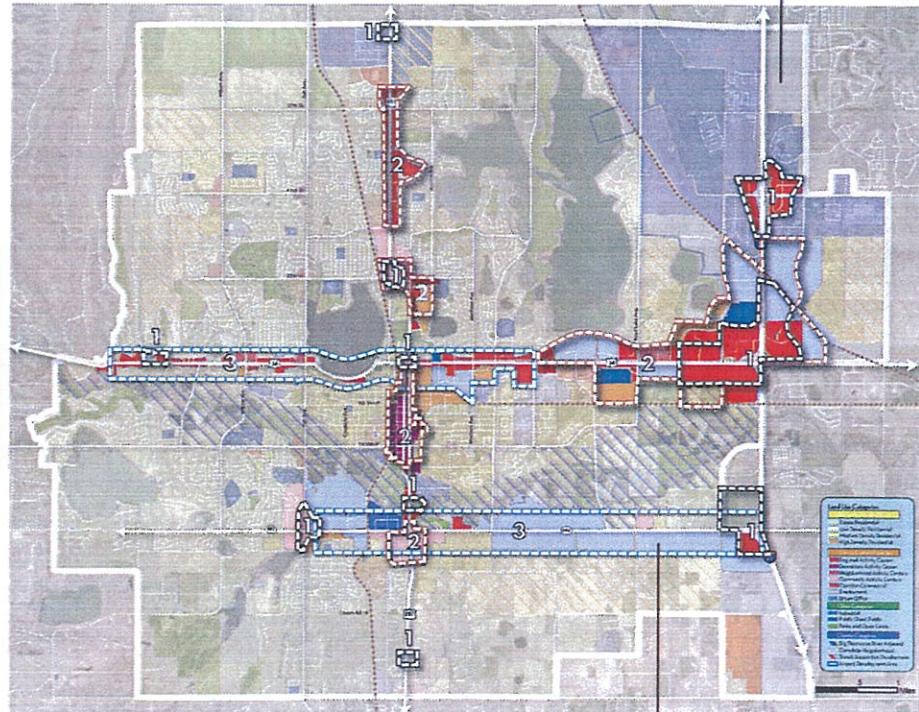
WHAT SHOULD CORRIDORS AND GATEWAYS LOOK LIKE?

For I-25, focus new development on tourism, the sports industry, or primary jobs.

- 1) Capitalize on and celebrate Loveland's gateways to promote a first-impression of Loveland as a world-class destination for art, leisure, and business.



- 2) New land uses that support vibrant economic corridors, future transit and other modes.



- 3) Prepare corridor plans for Hwy 402 and U.S. 34.

For Hwy 402, cluster new office, industrial and manufacturing uses at intersections, or other strategic locations.

ENVIRONMENT, HEALTH + MOBILITY

#6. CREATE A SAFE, HEALTHY AND ACCESSIBLE COMMUNITY

WHAT ARE WE DOING TODAY?

- Planning an efficient multi-modal transportation system, by implementing the 2035 Transportation Master Plan.
- Implementing the 2014 Parks and Recreation Master Plan by completing a citywide trail system.
- Implementing the 2012 Bicycle and Pedestrian Plan by retrofitting existing roadways to accommodate bicycle and pedestrian connectivity.
- Requiring all new roads to include pedestrian and bicycle infrastructure, where appropriate.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

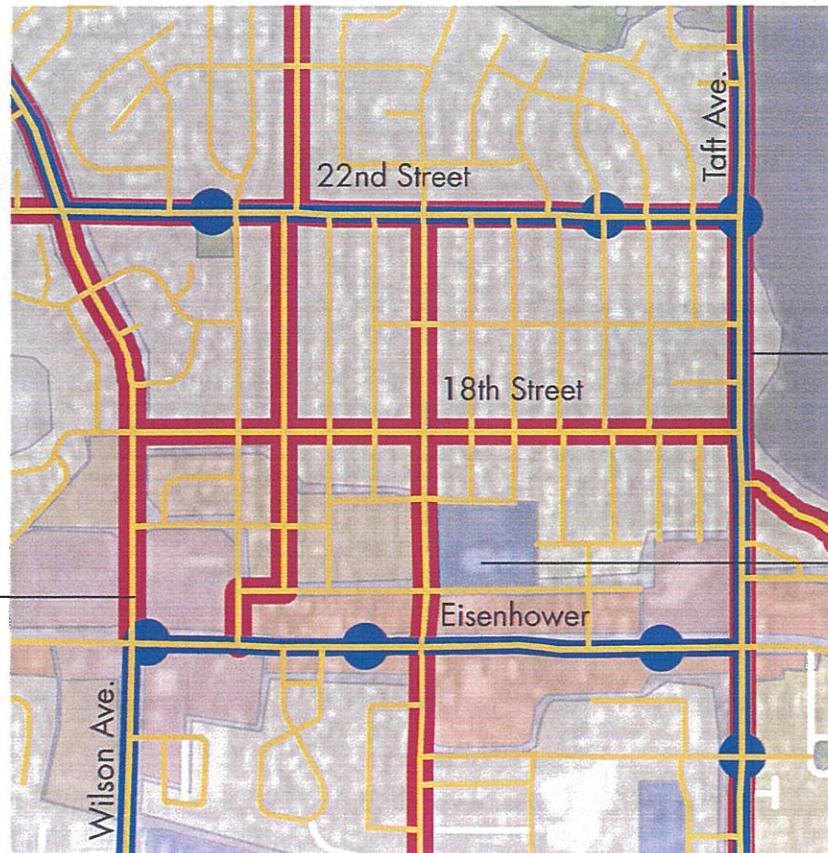
- Enhance street connectivity throughout the City.
- Require well-connected streets in new developments and redevelopment areas.
- Improve bicycle and pedestrian comfort and safety in all activity centers and neighborhoods.
- Ensure access to transit by those most in need.
- Locate new homes within a 10-minute walk of either a park, school, or grocery market.
- Increase density options so that more neighborhoods are transit-supportive.
- Accelerate build out of the 2012 Bicycle and Pedestrian Plan.
- Other:

WHAT DOES THAT LOOK LIKE?



The area above promotes active transportation with a highly-connected network of sidewalks, bicycle facilities, and transit.

Commercial area supported by transit



- Existing & Planned Sidewalks
- Existing & Planned Bike Facilities
- Bus Routes
- Bus Stops

ENVIRONMENT, HEALTH + MOBILITY

#7. CELEBRATE OUR NATURAL ASSETS IN AN URBAN SETTING

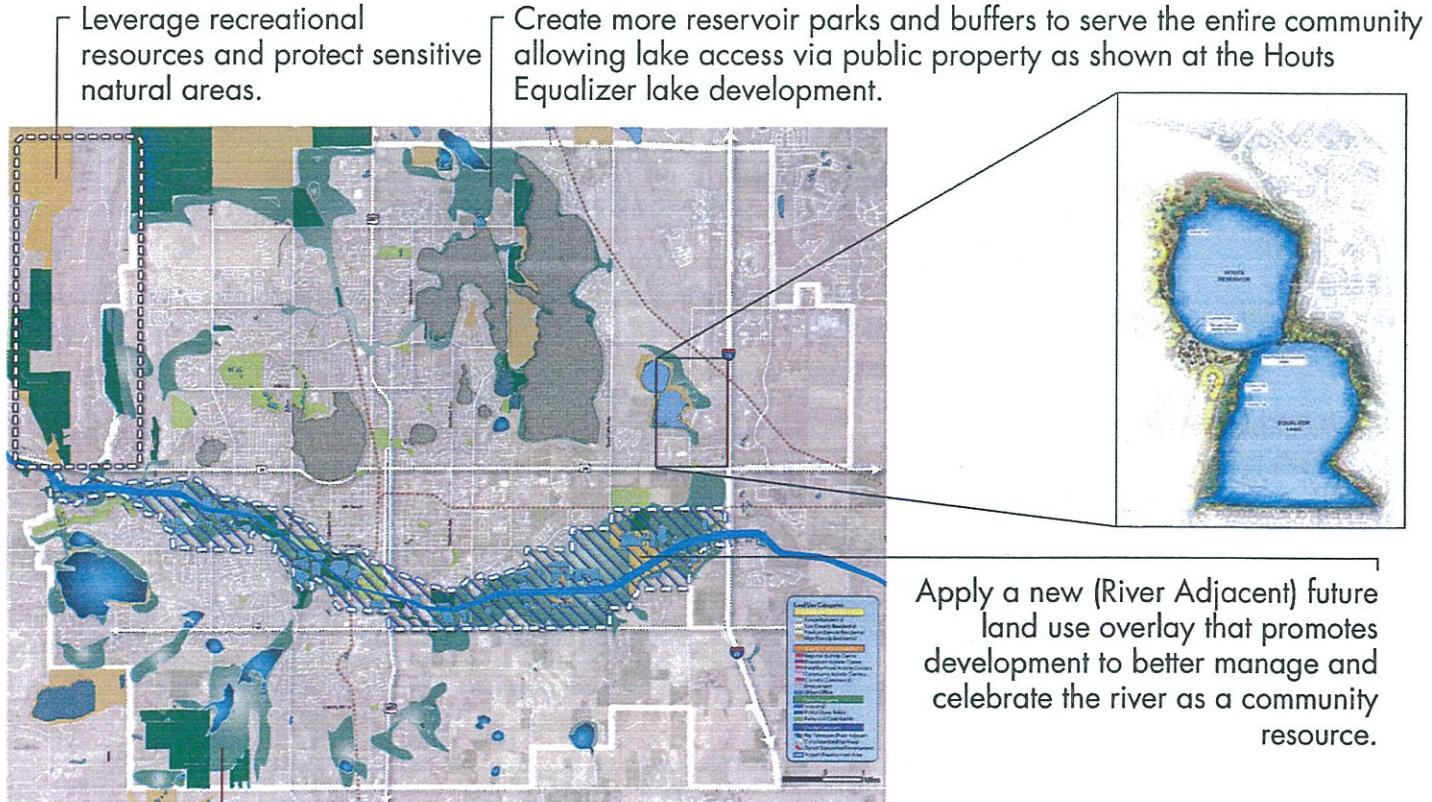
WHAT ARE WE DOING TODAY?

- Connecting Downtown to the Big Thompson River.
- Conserving floodplains and waterways.
- Restoring the Big Thompson River and City streams and creeks.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

- To become an accomplish a vision for the Big Thompson River that combines abundant wildlife and high quality scenery with access via public property to river-related recreation opportunities.
- Leverage recreational resources by creating community destinations that act as economic generators attracting tourists, businesses and residents.
- Improve community resiliency to flooding.
- More actively support urban agriculture efforts and preservation of wildlife habitat.
- Focus on protecting sensitive natural area wildlife and habitat from impact of development.
- Focus on community working farms, ranches, agricultural heritage, and urban agriculture within the Growth Management Area.
- Conserve high value lands outside the Growth Management area through regional conservation efforts, such as Foothills Corridor.
- Other:

HOW CAN WE CAPITALIZE ON OUR NATURAL ASSETS?



In partnership with willing landowners, voluntarily conserve significant open lands.

ENVIRONMENT, HEALTH + MOBILITY

#8. STRENGTHEN LOVELAND'S STRATEGIC ROLES IN THE REGION

WHAT ARE WE DOING TODAY?

Many of the environmental, economic, and social challenges facing Loveland are not unique to our community alone but are shared by our neighboring cities. These issues are best addressed collaboratively, and Loveland's proactive role as a regional leader in Northern Colorado has grown considerably over the last decade – in transportation, economic development, tourism, and water.

WHAT ARE YOUR TOP 3 PRIORITIES FOR TOMORROW?

- Locate appropriate new development near the airport.
- Maintain flight buffers around the airport.
- Proactively plan for regional transit, such as Bus Rapid Transit (BRT) similar to Fort Collins' Max.
- Improve air quality as we grow.
- Accelerate the completion of regional trails, such as the Front Range Trail, Big Thompson Trail, and other trails connecting adjacent communities.
- Unify east-west Loveland.
- Sensitively transition urban development to rural, agricultural, natural landscapes in the north, west, and south edges of the community.
- Coordinate and identify compatible development patterns to transition to Windsor, Johnstown, and Berthoud.
- Coordinate regionally along the Big Thompson corridor, where open space will play a vital role in active recreation and flood mitigation.
- Other:

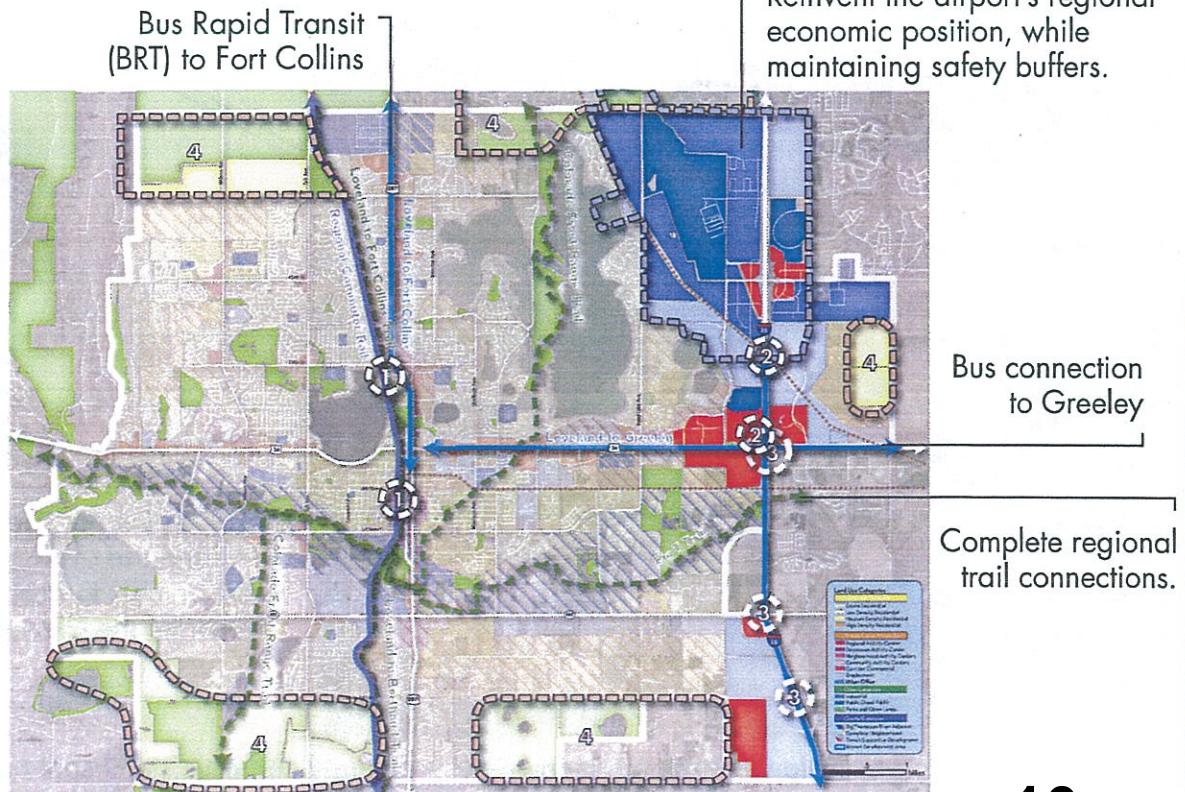
WHAT DOES THAT LOOK LIKE?

1) Plan for future planned commuter rail stations.

2) Express bus connection to Denver and Fort Collins.

3) I-25 Interchange improvements and widening.

4) Community separators transition urban development to rural, agricultural or natural landscapes.



Attachment B



2015 Northern Water Workshops

Wed., Feb. 18
Wed., March 18
Wed., April 15
Wed., May 13

During the first half of 2015 Northern Water will be hosting a series of educational workshops for Colorado-Big Thompson (C-BT) Project allottees, water users and other interested individuals.

Workshop topics will include but not be limited to the following: overview and history of Northern Water, the C-BT Project, Northern Water's Municipal Subdistrict, the Windy Gap Project, and many other related matters.

Please save the workshop dates listed above, and share this information with others you think could benefit from these educational workshops.

All workshops will be held at Northern Water's Berthoud headquarters. Those interested may attend individual workshops or the entire series.

Additional information and registration details will follow in the first week of February. Details will also be available at that time at northernwater.org. If you have any questions before then, contact Don Carlson at dcarlson@northernwater.org.

Workshop schedules:

| | |
|------------------------|------------------------------------|
| 9:00 a.m. – 12:00 noon | Morning session |
| 12:00 noon – 1:00 p.m. | Lunch (provided by Northern Water) |
| 1:00 p.m. – 3:00 p.m. | Afternoon session |

There will be opportunity for questions during each session, as well as at the end of the morning and afternoon sessions.

Workshop #1, Wed., Feb. 18 – Northern Water Background and History

General overview and history of Northern Water, the Colorado-Big Thompson Project, Municipal Subdistrict, Windy Gap Project, Enterprises (Southern Water Supply Project, Pleasant Valley Pipeline, Hydro projects, Northern Integrated Supply Project, Windy Gap Firming Project), and general organization (Board, Legal Counsel, Management, Staff).

Workshop #2, Wed., March 18 – Northern Water Projects and Administration

Detailed summaries of the Inclusions process, Allotment Contracts, Quota, Assessments, Contracts, and all rules, policies, procedures that apply, as well as a review of Northern Water budgeting, financial planning, work plans, and investment programs.

Workshop #3 – Wed., April 15 – Northern Water Operations

Overview and summaries of West Slope (water collection system) operations and East Slope (water distribution system, hydropower projects, water ordering) operations, and snowpack and streamflow forecasting, relationship with the U.S. Bureau of Reclamation, water quality, SCADA (supervisory control and data acquisition), security, emergency response activities.

Workshop #4 – Wed., May 13 – Challenges for Northern Water and Northern Colorado

Overview of past, current, and future challenges facing Northern Water, Municipal Subdistrict, and Northern Colorado, including the Platte River and Colorado River Endangered Species Recovery Programs, the Colorado River Wild and Scenic River Program, the Colorado Water Plan, recovery from the September 2013 floods, and watershed health/fire mitigation issues.



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: 11

MEETING DATE: 2/18/2015

SUBMITTED BY: Larry Howard, Senior Civil Engineer

TITLE: Water Supply Update

DESCRIPTION:

Projection for raw water supply in 2015.

SUMMARY:

Attachment A is the Snow–Water Equivalent chart for Bear Lake station as of February 12, 2015. Water Resources Staff generated this chart to show a range of low, median, and high years as well as the current year-to-date snow accumulation for the Bear Lake SNOTEL station in the Big Thompson Watershed. Snowpack for the Bear Lake station continues to chart along average or median values.

Attachment B is the Snow-Water Equivalent for Berthoud Pass as of February 9, 2015, provided by Northern Water. 2015 data is tracking median values closely so far this season.

Attachment C shows snowpack and streamflow comparisons as of February 1, 2015 throughout the CBT system as produced by Northern Water. Snow water content on the Upper Colorado was 85% with steam flow forecast of 90%. Big Thomson River content was 100% with streamflow forecast of 94%.

Long range forecasts do not currently indicate any drier than normal conditions setting up for the spring, but that can always change.

RECOMMENDATION:

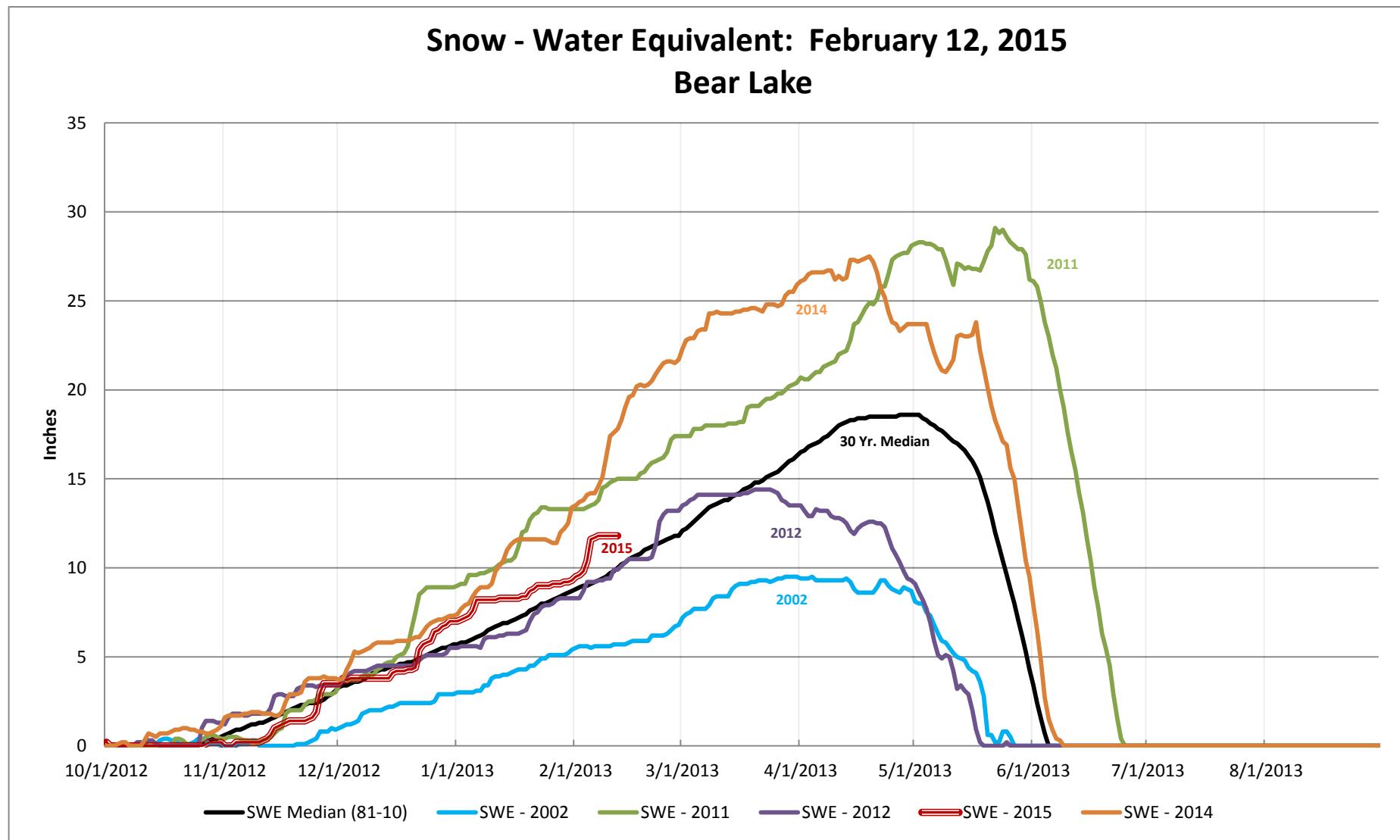
Information item only. No action required.

REVIEWED BY DIRECTOR:

ATTACHMENTS:

- **Attachment A:** Snow–Water Equivalent Chart for Bear Lake SNOTEL Station
- **Attachment B:** Berthoud Pass Summit Snow-Water Equivalent
- **Attachment C:** February 1, 2015 Northern Water's Snowpack and Streamflow Comparisons

Attachment A



70

11

Windy Gap Water Resources Report
February 1, 2015

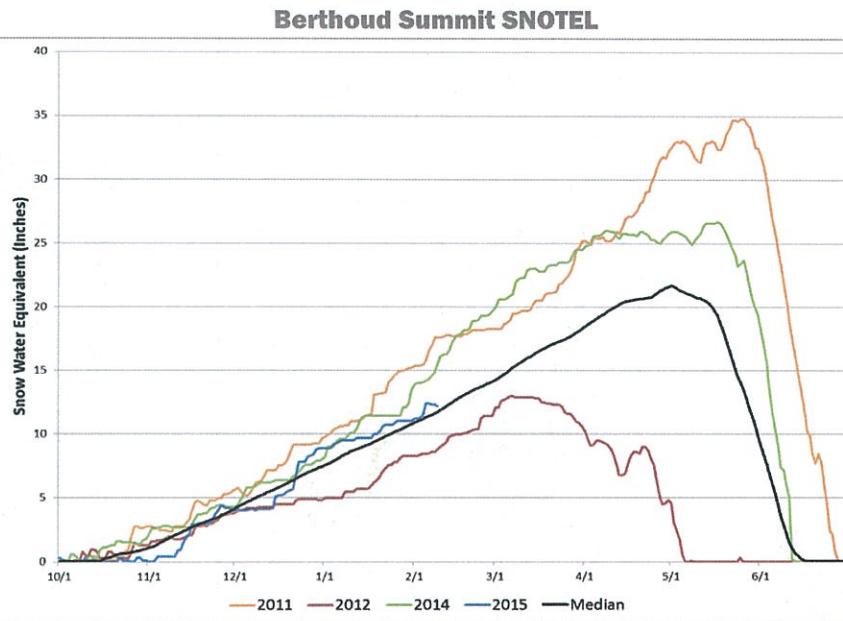


all values in acre-feet

Windy Gap Deliveries: Oct 2014 - Jan 2015

| | Order | Delivered WY 2015 |
|--------------------------------------|----------|----------------------|
| Boulder, City of | 500 | - |
| Broomfield, City of | 5,600 | 982.4 |
| Central Weld County Water District | 100 | 17.2 |
| Erie, Town of | 1,400 | 355.7 |
| Estes Park, Town of | 300 | 1.4 |
| Evans, Town of | - | - |
| Ft Lupton, City of | 300 | 334.2 |
| Grand Valley Water Users Association | - | - |
| Greeley, City of | 2,800 | - |
| Lafayette, City of | 100 | - |
| Little Thompson WD | - | - |
| Longmont, City of | 5,000 | - |
| Louisville, City of | 600 | - |
| Loveland, City of | 4,000 | - |
| Middle Park WCD | 3,000 | 3.3 |
| Platte River Power Authority | 7,100 | 125.4 |
| Ft Collins (Anheuser Busch) | - | - |
| Ft Collins, City of | - | 1,400.0 |
| Superior Metropolitan District | 1,500 | 198.3 |
| Water Supply & Storage | - | - |
| Total | 32,300.0 | 3,417.9 |

71



all values in acre-feet

Windy Gap: Projected Account Balances

| | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Total |
|---------------------------|-------|---------|--------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|
| Beginning Balance- MPWCD | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Beginning Balance- Others | 0 | 0 | 0.0 | -485.3 | -1,342.6 | -2,642.6 | -3,942.6 | -5,242.6 | -6,242.6 | -7,742.6 | -9,742.6 | -11,742.6 | 0.0 |
| Unallocated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0.0 | 0.0 |
| Allocated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Use - MPWCD | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3.3 |
| Use - Others | 569.1 | 1,027.1 | 961.1 | 857.3 | 1,300.0 | 1,300.0 | 1,300.0 | 1,000.0 | 1,500.0 | 2,000.0 | 2,000.0 | 2,500.0 | 16,314.6 |
| Net Quotas and Transfers* | 0 | 1,027.1 | 475.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,502.9 |
| Unallocated | 0 | 0 | 0.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Allocated | 0 | 1,027.1 | 475.8 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1,502.9 |
| Pumping | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Pump Shrink | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Net Pumping | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Account Shrink (Mar 31) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Unallocated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Allocated | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Spill | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Rounding Adjustments | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.0 |
| Collateral Used | 569 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 14,243 | 14,811.7 |
| Ending Balance - MPWCD | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Ending Balance - Others | 0.0 | 0.0 | -485.3 | -1,342.6 | -2,642.6 | -3,942.6 | -5,242.6 | -6,242.6 | -7,742.6 | -9,742.6 | -11,742.6 | 0.0 | 0.0 |
| Ending Balance - Total | 0.0 | 0.0 | -485.3 | -1,342.6 | -2,642.6 | -3,942.6 | -5,242.6 | -6,242.6 | -7,742.6 | -9,742.6 | -11,742.6 | 0.0 | 0.0 |

Attachment B

11

72

Attachment C

Snowpack and Streamflow Comparisons February 1, 2015



Snow Water Content

| | % of Average |
|---|--------------|
| Colorado's Statewide Snowpack | 83% |
| Upper Colorado River ⁽¹⁾ | 91% |
| South Platte Tributaries ⁽²⁾ | 91% |

Snow-Water Content Comparisons (inches)

| Watershed | February 1, 2015 | | | February 1 Comparative | | | |
|----------------------|------------------|---------|-------|------------------------|------|------|------|
| | 2015 | Average | % Avg | 2014 | 2013 | 2012 | 2002 |
| Blue River | 9.9 | 8.7 | 113% | 126% | 51% | 70% | 75% |
| Upper Colorado River | 8.2 | 9.7 | 85% | 112% | 58% | 74% | 64% |
| Willow Creek | 4.6 | 6.5 | 70% | 103% | 78% | 77% | 55% |
| Fraser River | 8.5 | 8.9 | 96% | 119% | 64% | 74% | 68% |
| Poudre River | 6.9 | 8.7 | 80% | 108% | 55% | 88% | 53% |
| Big Thompson River | 8.6 | 8.6 | 100% | 125% | 52% | 85% | 58% |
| St. Vrain River | 6.2 | 6.7 | 93% | 126% | 54% | 104% | 58% |
| Boulder Creek | 6.1 | 6.8 | 90% | 125% | 59% | 100% | 59% |

Apr-Jul Maximum, Minimum and Most Probable Streamflow Forecasts (1000 af)

| Watershed | Forecast Minimum | Most Probable | Forecast Maximum | Apr-Jul Avg ⁽³⁾ | Most Prob Avg ⁽³⁾ | % Average |
|--------------------------|------------------|---------------|------------------|----------------------------|------------------------------|-----------|
| Blue River | 212 | 294 | 390 | 275 | 107% | |
| Upper Colorado River | 145 | 199 | 263 | 220 | 90% | |
| Willow Creek | 24 | 39 | 56 | 47 | 83% | |
| Fraser River | 75 | 109 | 149 | 117 | 93% | |
| Poudre River | 128 | 205 | 280 | 225 | 91% | |
| Big Thompson River | 56 | 85 | 129 | 90 | 94% | |
| St. Vrain River | 63 | 84 | 105 | 88 | 95% | |
| Boulder Creek | 35 | 51 | 70 | 54 | 94% | |
| South Platte Tributaries | | 425 | | 457 | | 93% |

Precipitation within District Boundaries ⁽⁴⁾

| | Totals | Average | % Average |
|---------|--------|---------|-----------|
| January | 0.14 | 0.38 | 37% |
| Nov-Jan | 1.26 | 1.47 | 85% |

(1) Includes the Colorado, Willow Creek, Fraser and Blue River Watersheds

(2) Includes the Poudre, Big Thompson, Saint Vrain and Boulder Creek Watersheds

(3) Average for the period 1981-2010

(4) Computed using CoCoRaHS and Northern Water Stations

