

Water



Power

# Water & Power

Loveland Water & Power's mission is to add value while serving the community's utility needs for today and tomorrow by:

- Providing quality customer service.
- Providing reliable service.
- Planning for the future.
- Being environmentally sensitive.
- Offering safe and secure utilities at competitive rates.
- Being fiscally responsible.

Outcome	Performance Measure	2011 Actual	2012 Projected	2013 Projected
<b>Provide quality customer service. (GP 18)</b>				
Provide quality customer service. (Residential City Survey)	Rankings relative to other 13 City Services:			
	▪ Reliable Electric Service	1	1	1
	▪ Drinking Water Quality	5	4	4
	▪ Sewer Service	8	7	7
	Average Rating "Loveland delivers reliable electricity."	96%	97%	98%
	Average Rating "Loveland provides quality drinking water."	91%	92%	93%
	Average Rating "Sewer system in Loveland works reliably."	89%	90%	91%
<i>Please Note: No Surveys (NS) Conducted in 2008. Survey is conducted every other year.</i>				
<b>Provide reliable and quality utility products and services. (GP 11b, 11c, 11d )</b>				
Provide reliable and quality utility products and services.	Average power outage duration [minutes]. (CAIDI = Customer Average Interruption Duration Index)	68.53	70.26	75.25
	Average # of power interruptions per customer. (SAIFI = System Average Interruption Frequency Index)	0.042	0.067	0.040
	Average # of momentary outages per customer per year. (MAIFI = Momentary Average Interruption Frequency Index)	0.018	0.023	0.022
	Average service availability. (ASAI = Average Service Availability Index)	99.993%	99.991%	99.993%
	# of hours spent responding to power quality complaints	450	450	450
	# of annual water quality complaints.	32	32	30
	# of annual minor water violations.	0	0	0
	# of annual major water violations.	0	1	1
	% of Adequate Fire Flow- tested hydrant units [ISO standards].	100%	100%	100%
	# of annual sewer backups.	6	5	4
	# of annual minor sewer violations.	0	1	0
	# of annual major sewer violations.	0	0	0

Outcome	Performance Measure	2011 Actual	2012 Projected	2013 Projected
<b>Plan for the future. (GP 3, 11b, 11c, 11d)</b>				
Plan for the future.	% of system capacity used to meet peak demand:			
	▪ Power	55.4%	55.0%	55.0%
	▪ Water	83.0%	92.7%	92.7%
	▪ Wastewater	80.9%	81.0%	81.0%
<b>Be environmentally responsible. (GP 5, 9)</b>				
Be environmentally responsible.	# of annual residential power per capita usage. (kWh/person/year)	3,666	3,622	3,633
	# of annual residential peak day demand. (gallons/day/person)	245	288	286
	# of annual residential per capita usage. (gallons/person/year)	36,570	36,025	35,416
	# of Wastewater Treatment Plant Discharge Monitoring Report violations.	1	0	0
	# of annual department fleet miles.	279,698	282,206	286,727
	# of annual internal environmental self audits performed.	3	0	2
<b>Offer safe and secure utilities. (GP 8d)</b>				
Offer safe and secure utilities.	# of community accidents involving utility infrastructure.	66	60	37
	# of reportable personnel and vehicular accidents.	13	4	10
	# of reported illegal contacts with key facilities.	0	0	0
<b>Be fiscally responsible while offering competitive rates. (GP 11b, 11c, 11d)</b>				
Be fiscally responsible while offering competitive rates.	% of unaccounted/unmetered for distribution losses:			
	▪ Power	3.15%	3.25%	3.25%
	▪ Water	14.7%	14.05%	14.05%
	O&M cost per 100 miles.	\$464,553	\$525,544	\$610,466
	% variance of actual O&M expenditures to budgeted expenditures. ( ) = Under Budget	0.5%	0.0%	0.0%
	% variance of actual capital expenditures to budgeted expenditures. ( ) = Under Budget	42.7%	0.0%	0.0%
	Rate comparisons conducted with other utilities.	Yes	Yes	Yes
	# of rate classes available to customers.	14	14	14
<b>Partner with the community. (GP 13, 18)</b>				
Partner with the community.	# of key partnerships:			
	▪ Customer Relations	26	29	32
	▪ Power	15	15	15
	▪ Water	10	10	10
	▪ Wastewater	6	6	6

Water & Power Department Summary							
	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget	'13 Budget / '12 Adopted % Change	'12 FTE	'13 FTE
<b>Enterprise Fund</b>							
WATER	9,975,585	10,481,340	12,858,810	17,639,910	68.3%	40.99	41.73
RAW WATER	14,608,461	1,654,180	8,562,360	1,952,030	18.0%	-	-
WASTEWATER	8,930,329	6,867,080	10,434,170	11,583,180	68.7%	29.34	29.82
POWER	45,992,323	49,212,310	58,471,030	56,383,940	14.6%	44.17	42.95
<b>Total Expense</b>	<b>\$79,506,698</b>	<b>\$68,214,910</b>	<b>\$90,326,370</b>	<b>\$87,559,060</b>	<b>28.4%</b>	<b>114.50</b>	<b>114.50</b>
<b>REVENUE</b>							
UTILITY CHARGES	60,472,241	61,353,420	61,353,420	69,985,510	14.1%		
UTILITY OTHER	2,188,766	1,975,180	1,975,180	1,899,920	(3.8%)		
IMPACT FEES	5,805,255	4,459,410	4,459,410	3,802,290	(14.7%)		
CHARGES FOR SERVICE	616,656	538,210	538,210	582,120	8.2%		
INTEREST	1,980,974	949,150	949,150	1,269,700	33.1%		
BOND PROCEEDS	-	-	-	16,000,000	100.0%		
OTHER	4,785,393	44,200	44,200	282,060	538.1%		
TRANSFERS	608,037	694,420	705,940	545,000	(21.5%)		
<b>Total Revenue</b>	<b>\$76,457,322</b>	<b>\$70,013,990</b>	<b>\$70,025,510</b>	<b>\$94,366,600</b>	<b>34.8%</b>		
<b>EXPENSE BY CATEGORY</b>							
PERSONNEL SERVICES	7,653,617	8,110,470	8,075,330	8,626,480	6.4%		
SUPPLIES	1,454,988	1,628,380	1,625,680	2,269,270	39.4%		
PURCHASED SERVICES	41,301,924	45,617,650	45,340,500	56,382,460	23.6%		
DEBT SERVICE	982,968	826,960	826,960	1,826,930	120.9%		
TRANSFERS	6,195,553	1,963,980	3,986,360	674,770	(65.6%)		
CAPITAL	21,917,648	10,067,470	30,471,540	17,779,150	76.6%		
<b>Total Expense</b>	<b>\$79,506,698</b>	<b>\$68,214,910</b>	<b>\$90,326,370</b>	<b>\$87,559,060</b>	<b>28.4%</b>		

# Water Utility

The Water Utilities Division consists of groups and programs responsible for the day-to-day operations, engineering, and management for the Department's two water-related utilities: Water and Wastewater. The Division also provides some support services to the Power Operations Division such as utility locates, inspection, and Geographical Information Systems (GIS).

The following sections comprise the Water Utilities Division:

- **Construction and Inspection** is responsible for locating water, wastewater, storm water and electric utilities and construction inspections for all water, wastewater and electric construction. This section also coordinates small construction projects.
- **Engineering** reviews all new development proposals with respect to water and wastewater design and construction. This section manages the capital projects for both water utilities.
- **Information Technology** operates the Department's computerized drafting and the GIS. The water, wastewater and electric system maps are all maintained and updated by this section. They also are responsible for the Department's information technology needs such as specialized software applications, databases, development and maintenance, survey fieldwork and computer networks.
- **Maintenance and Operations** is comprised of equipment operators who maintain the water transmission and distribution systems and the wastewater collection system. They repair water line leaks, clean treated water tanks, flush fire hydrants and inspect, wash and repair sewer lines and manholes. They manage the backflow prevention/cross-connection control program.
- **Technical Services** provides technicians who maintain and repair all water and wastewater treatment plant controls such as pumps, motors, valves, electrical systems, and electronic components. They also are responsible for all the wastewater lift stations and water pumping stations throughout the City, including the hydro facility.
- **Treatment Operations** provides water treatment and production, wastewater treatment and reclamation, and water quality laboratories, and industrial pretreatment program. Certified plant operators at both plants monitor treatment processes, perform process testing, and notify technicians when equipment needs to be repaired or replaced. Laboratory personnel perform various analyses of the water to insure proper treatment is accomplished.
- **Water Resources** is primarily responsible for the raw water planning, water conservation/efficiency, and water supply activities of the Department. Responsibilities include everything from day-to-day administration of water rights to long-range planning for future water needs. This section works closely with the Loveland Utilities Commission in matters concerning water resources.
- **Water Metering** is responsible for repairing and maintaining water meters, assisting contractors with new water taps, inspecting new lawn irrigation systems, testing meters and providing customer service.
- **Customer Relations** provides a single point of contact and responsible utility solutions to the key partners and commercial customers so they can grow and prosper in our dynamic community.
- **Utility Accounting** is responsible for the annual budget, monthly financial reports, year-end financial processing, daily process of source documents, payroll processing, and tracking projects costs for the Water and Power Utilities. In addition, the Division is responsible for providing accounting and long-range financial planning services for the Public Works and Police departments. This Division will have ongoing interactions with the Loveland Utilities Commission, City Council, and the Citizens' Finance Advisory Committee.
- **Warehouse** responsibilities include storing and delivering inventory items used by all City departments, disposal of obsolete items, oversee non-inventory yard materials (i.e.; transformers), procurement of all overhead and underground utility materials, maintain recycle metal program, purchase and store Power Division specialty tools and conduct a rubber goods testing program to comply with safety requirements for electric line workers. This section will also coordinate fleet replacement and annual safety inspections for the Water and Power utility vehicles.

ACTIVITY	DEPARTMENT			
Water Utility	Water & Power			

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Water Fund</b>				
ADMINISTRATION & GENERAL	583,526	1,707,400	1,978,320	3,391,210
CUSTOMER RELATIONS	64,310	-	157,380	192,940
SOURCE OF SUPPLY	1,053,912	1,609,450	1,609,450	2,079,600
TRANSMISSION & DIST.	2,790,255	3,174,180	3,970,890	5,059,610
TREATMENT	5,147,442	2,934,330	3,192,690	5,976,100
<b>Total Water</b>	<b>\$9,639,445</b>	<b>\$9,425,360</b>	<b>\$10,908,730</b>	<b>\$16,699,460</b>
<b>Water SIF Fund</b>				
TREATMENT	-	12,650	12,650	749,200
TRANSMISSION & DIST.	336,140	1,043,330	1,937,430	191,250
<b>Total SIF Expense</b>	<b>\$336,140</b>	<b>\$1,055,980</b>	<b>\$1,950,080</b>	<b>\$940,450</b>
<b>Total Expense</b>	<b>\$9,975,585</b>	<b>\$10,481,340</b>	<b>\$12,858,810</b>	<b>\$17,639,910</b>
<b>REVENUE</b>				
<b>Water Fund</b>				
UTILITY CHARGES	7,437,516	7,687,250	7,687,250	9,146,760
UTILITY OTHER	409,221	463,790	463,790	433,500
INTEREST	151,372	34,650	34,650	55,990
BOND PROCEEDS	-	-	-	16,000,000
OTHER	63,582	11,300	11,300	267,410
TRANSFERS	27,378	-	4,900	20,000
<b>Total Water Fund</b>	<b>\$8,089,069</b>	<b>\$8,196,990</b>	<b>\$8,201,890</b>	<b>\$25,923,660</b>
<b>Water SIF Fund</b>				
UTILITY OTHER	174,461	80,000	80,000	96,000
IMPACT FEES	1,649,528	1,232,880	1,232,880	1,155,500
INTEREST	132,892	105,550	105,550	137,110
TRANSFERS	9,200	-	-	-
<b>Total Water SIF Fund</b>	<b>\$1,966,081</b>	<b>\$1,418,430</b>	<b>\$1,418,430</b>	<b>\$1,388,610</b>
<b>Total Revenue</b>	<b>\$10,055,150</b>	<b>\$9,615,420</b>	<b>\$9,620,320</b>	<b>\$27,312,270</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	3,101,492	3,085,270	3,085,270	3,419,390
SUPPLIES	783,624	829,900	827,200	1,071,990
PURCHASED SERVICES	1,490,000	3,780,610	3,240,460	5,523,320
DEBT	-	-	-	1,000,000
TRANSFERS	512,243	492,830	912,380	44,830
CAPITAL	4,088,226	2,292,730	4,793,500	6,580,380
<b>Total Expense</b>	<b>\$9,975,585</b>	<b>\$10,481,340</b>	<b>\$12,858,810</b>	<b>\$17,639,910</b>
<b>FTE</b>	<b>40.21</b>	<b>40.99</b>	<b>40.99</b>	<b>41.73</b>

## Water Utility – Administration & General

Admin and General is where the yearly computer purchases, larger computer equipment, and training for the Department is budgeted. Utility Accounting is also part of this division, responsible for the annual budget, monthly financial reports, year-end financial processing, and the daily process of source documents, payroll processing, and tracking of project costs for the Department. This Division has ongoing interactions with the Loveland Utilities Commission, City Council, and the Citizen's Finance Advisory Committee. Customer Relations provides a single point of contact and responsible utility solutions to the key partners and commercial customers.

<b>ACTIVITY</b>				<b>DEPARTMENT</b>
Admin & General				Water & Power

  

<b>EXPENSE BY DIVISION/Program</b>	<b>'11 Actual</b>	<b>'12 Adopted Budget</b>	<b>'12 Revised Budget as of June</b>	<b>'13 Budget</b>
ADMIN & GENERAL	\$583,526	\$1,707,400	\$1,978,320	\$3,391,210

  

<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	389,275	419,480	311,530	343,670
SUPPLIES	19,158	80,980	75,320	285,530
PURCHASED SERVICES	-337,150	714,110	679,090	1,717,180
DEBT	-	-	-	1,000,000
TRANSFERS	512,243	492,830	912,380	44,830
<b>Total Expense</b>	<b>\$583,526</b>	<b>\$1,707,400</b>	<b>\$1,978,320</b>	<b>\$3,391,210</b>

  

<b>FTE</b>	<b>3.82</b>	<b>4.18</b>	<b>3.00</b>	<b>3.68</b>
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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

5,750	Increase in personnel services for workers' compensation based on the departments historical experience and forecasted liability costs.
14,800	Increase in personnel services for unemployment insurance based on the departments historical experience and forecasted liability costs.
(94,480)	Decrease in personnel services transferred mid-year to create the Customer Services Division.
38,970	Increase in supplies for computer supplies.
168,960	Increase in supplies for tools and equipment due to the centralization of costs from other programs.
102,160	Increase in purchased services for the PILT payment based on the revenue projections.
16,330	Increase in purchased services for general liability insurance based on the departments historical experience and forecasted liability costs.
(20,000)	Decrease in purchased services due to the on-time costs of a rate study.
936,210	Increase in purchased services for allocated administrative costs.
1,000,000	Increase in debt for bond issuance costs.
(448,000)	Decrease in transfers for allocated administrative costs.
(47,810)	<u>Core Changes</u>
(12,800)	Personnel Services
(3,380)	Supplies
(31,630)	Purchased services
10,920	<u>Funded Supplements</u>
10,920	Increase in purchased services for a temporary administrative clerk.

**1,683,810 Total Change**

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**OTHER INFORMATION**

- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.



## Water Utility – Source of Supply

Source of Supply (also known as Water Resources) is primarily responsible for the raw water planning, water conservation/efficiency, and water supply activities of the Department. Responsibilities include everything from day-to-day administration of water rights to long-range planning for future water needs. This section works closely with the Loveland Utilities Commission in matters concerning water resources.

<b>ACTIVITY</b>				<b>DEPARTMENT</b>
Source of Supply				Water & Power
<b>EXPENSE BY DIVISION/Program</b>	<b>'11 Actual</b>	<b>'12 Adopted Budget</b>	<b>'12 Revised Budget as of June</b>	<b>'13 Budget</b>
SOURCE OF SUPPLY	\$1,053,912	\$1,609,450	\$1,609,450	\$2,079,600
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	222,634	201,770	201,770	382,210
SUPPLIES	1,717	2,490	2,490	3,390
PURCHASED SERVICES	829,561	1,405,190	1,405,190	1,694,000
<b>Total Expense</b>	<b>\$1,053,912</b>	<b>\$1,609,450</b>	<b>\$1,609,450</b>	<b>\$2,079,600</b>
<b>FTE</b>	<b>1.76</b>	<b>1.90</b>	<b>2.00</b>	<b>2.00</b>

## CHANGES COMPARED TO PRIOR YEAR ADOPTED

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(18,120)	Decrease in personnel services due to a reduction in the amount of labor capitalized based on the capital plan.
45,780	Increase in personnel services for salaries reallocated from the Customer Relations Program.
118,000	Increase in purchased services for the Windy Gap assessment.
29,000	Increase in purchased services for the CBT contract expenses.
35,000	Increase in purchased services for ditch assessment costs.
8,000	Increase in purchased services for environmental services.
10,000	Increase in purchased services for Colorado Big Thompson assessment costs.
(75,000)	Decrease in purchased services for legal and engineering services related to water rights.
(58,900)	Decrease in purchased services for interconnect costs with other providers.
(60,000)	Decrease in purchased services for the one-time augmentation plan for the Agilent site.
75,000	Increase in purchased services for costs related to lawn irrigation return flows.
200,000	Increase in purchased services for water court exchange cases.
100,000	Increase in purchased services for professional services related to contract rights in irrigation ditches.
(100,000)	Decrease in purchased services due to the transfer of interconnect costs to the Treatment Program.
161,390	<u>Core Changes</u>
152,780	Personnel Services
900	Supplies
7,710	Purchased Services
-	<u>Funded Supplements</u>
-	There are no funded supplements in this division.
470,150	<b>Total Change</b>

## OTHER INFORMATION

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- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Water Utility – Transmission Distribution

Transmission Distribution is comprised of equipment operators who maintain the water transmission and distribution systems. They repair water line leaks, clean treated water tanks, and flush fire hydrants. The Warehouse responsibilities include storing and delivering inventory items used by all City departments. Water Metering is responsible for repairing and maintaining water meters, assisting contractors with new taps, and testing meters. Included is Engineering to review all new development proposals. Also included is Information Technology to operate the computerized drafting and GIS, and to take care of the Department's technology needs such as specialized software applications and maintenance. Technical Services is also part of this division, as well as the locating done for water.

ACTIVITY				DEPARTMENT
Transmission Distribution				Water & Power
EXPENSE BY Division/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Water Fund</b>				
TRANSMISSION DISTRIBUTION	\$2,790,255	\$3,174,180	\$3,970,890	\$5,059,610
<b>Water SIF Fund</b>				
TRANSMISSION DISTRIBUTION	\$336,140	\$1,043,330	\$1,937,430	\$191,250
<b>Total Expense</b>	<b>\$3,126,395</b>	<b>\$4,217,510</b>	<b>\$5,908,320</b>	<b>\$5,250,860</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	1,318,126	1,354,210	1,354,210	1,462,690
SUPPLIES	286,162	266,600	266,600	292,480
PURCHASED SERVICES	527,790	1,156,790	627,290	1,155,810
CAPITAL	994,317	1,439,910	3,660,220	2,339,880
<b>Total Expense</b>	<b>\$3,126,395</b>	<b>\$4,217,510</b>	<b>\$5,908,320</b>	<b>\$5,250,860</b>
<b>FTE</b>	<b>20.21</b>	<b>20.53</b>	<b>20.53</b>	<b>20.43</b>

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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

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87,910	Increase in personnel services due to a decrease in the amount of labor to be capitalized.
(36,360)	Decrease in personnel services due to the elimination of two Inspection/Locator positions.
(9,640)	Decrease in personnel services due to the reduction in hours for Utility Systems Technician position.
13,270	Increase in supplies for computer supplies.
14,250	Increase in supplies for sand and gravel.
(100,000)	Decrease in purchased services for professional services.
17,670	Increase in purchased services for vehicle repair and maintenance based on the projected fuel and maintenance costs.
19,000	Increase in purchased services for street repairs related to water line repair.
80,000	Increase in purchased services for the painting costs of the 29 <sup>th</sup> Street water storage tank.
25,000	Increase in purchased services for relocations in the Right-of-Way.
25,000	Increase in purchased services for water modeling support.
(15,000)	Decrease in purchased services for the one-time costs of the Agilent site improvements.
11,600	Increase in purchased services for repair and maintenance costs.
(11,240)	Decrease in purchased services for utilities costs.
(54,000)	Decrease in purchased services for the one-time costs of the backflow prevention program.
(41,000)	Decrease in capital for meter replacement costs.
940,970	Increase in capital based on the capita program.
(19,110)	<u>Core Changes</u>
(18,460)	Personnel Services
(1,640)	Supplies
990	Purchased Services
85,030	<u>Funded Supplements</u>
73,400	Increase in personnel services for the addition of a new cross control specialist position.
11,630	Increase in personnel services for a new temporary Inspection/locator position.

**1,033,350 Total Change**

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**OTHER INFORMATION**

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- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Water Utility – Treatment

Treatment Operations provides water treatment and production, and water quality laboratories. Certified plant operators monitor treatment processes and testing. Laboratory personnel perform analyses of the water to insure proper treatment is accomplished. Engineering reviews all new development proposals with respect to water design and construction. Technical Services provides technicians who maintain and repair all water treatment plant controls and water pumping stations throughout the city.

ACTIVITY				DEPARTMENT
Treatment				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Water Fund</b>				
TREATMENT	\$5,147,442	\$2,934,330	\$3,192,690	\$5,976,100
<b>Water SIF Fund</b>				
TREATMENT	-	12,650	12,650	749,200
<b>Total Expense</b>	<b>\$5,147,442</b>	<b>\$2,946,980</b>	<b>\$3,205,340</b>	<b>\$6,725,300</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	1,137,161	1,109,810	1,109,810	1,182,120
SUPPLIES	475,761	479,830	479,830	477,560
PURCHASED SERVICES	440,611	504,520	482,420	825,120
CAPITAL	3,093,909	852,820	1,133,280	4,240,500
<b>Total Expense</b>	<b>\$5,147,442</b>	<b>\$2,946,980</b>	<b>\$3,205,340</b>	<b>\$6,725,300</b>
<b>FTE</b>	<b>14.42</b>	<b>14.38</b>	<b>14.38</b>	<b>15.12</b>

## CHANGES COMPARED TO PRIOR YEAR ADOPTED

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25,820	Increase in personnel services due to a reduction of the amount of labor to be capitalized.
249,600	Increase in purchased services for repair and maintenance of aging facilities.
100,000	Increase in purchased services for interconnect costs transferred from the Source of Supply Program.
(12,200)	Decrease in purchased services for the one-time costs of the Capital Improvement Program update.
(23,400)	Decrease in purchased services for utilities costs.
3,387,680	Increase in capital based on the capital program.

(11,530) Core Changes

(15,860)	Personnel Services
(2,270)	Supplies
6,600	Purchased Services

62,350 Funded Supplements

15,240	Increase in personnel services for the addition of a Pre-Treatment Specialist position.
47,110	Increase in personnel services for two non-benefited maintenance Technician positions.

**3,778,320 Total Change**

## OTHER INFORMATION

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- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Water Utility – Customer Relations

Treatment Operations provides water treatment and production, and water quality laboratories. Certified plant operators monitor treatment processes and testing. Laboratory personnel perform analyses of the water to insure proper treatment is accomplished. Engineering reviews all new development proposals with respect to water design and construction. Technical Services provides technicians who maintain and repair all water treatment plant controls and water pumping stations throughout the city.

ACTIVITY	DEPARTMENT
Customer Relations	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Water Fund</b>				
CUSTOMER RELATIONS	\$64,310	-	\$157,380	\$192,940
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	34,296	-	107,950	48,700
SUPPLIES	826	-	2,960	13,030
PURCHASED SERVICES	29,188	-	46,470	131,210
<b>Total Expense</b>	<b>\$64,310</b>	<b>-</b>	<b>\$157,380</b>	<b>\$192,940</b>
<b>FTE</b>	<b>1.0</b>	<b>0.0</b>	<b>1.08</b>	<b>0.50</b>

## CHANGES COMPARED TO PRIOR YEAR ADOPTED

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(45,780)	Decrease in personnel services due salaries reallocated to the Source of Supply Program.
94,480	Increase in personal services to annualize the program begun late in the 2011 year with a transfer from the Administration and General Division.
13,030	Increase in supplies to annualize the program begun late in the 2011 year.
35,200	Increase in purchased services to annualize the program begun late in the 2011 year.
(3,000)	Decrease in purchased services due to the completion of the water assessment grant.
(8,000)	Decrease in purchased services for the one-time costs of irrigation audits.
(6,200)	Decrease in purchased services for the one-time costs of the conservation plan.

- Core Changes

- There are no core changes in the division.

113,210 Funded Supplements

17,400	Increase in purchased services to fund residential programs.
7,300	Increase in purchased services to fund Education in Schools programs.
26,110	Increase in purchased serves to increase the division's base budget.
62,400	Increase in purchased services for several smaller customer programs.

**192,940 Total Change**

## OTHER INFORMATION

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- Unfunded Supplements

- There are no unfunded supplements in this division.

- Equipment Replacement

- No equipment is scheduled for replacement in this division.

- Capital Projects

- There are no capital projects associated with this division.



## Raw Water Utility

The Raw Water Fund is to account for costs of associated with the planning, acquisition and storing of raw water to supply the City with the water necessary to meet residential and commercial needs.

ACTIVITY				DEPARTMENT
Raw Water Utility				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
BUSINESS/FINANCE	5,112,176	826,960	826,960	826,930
WATER RESOURCES	9,496,285	827,220	7,735,400	1,125,100
<b>Total Expense</b>	<b>\$14,608,461</b>	<b>\$1,654,180</b>	<b>\$8,562,360</b>	<b>\$1,952,030</b>
<b>REVENUE</b>				
UTILITY CHARGES	439,858	545,910	545,910	733,220
UTILITY OTHER	72,641	83,800	83,800	65,800
IMPACT FEES	492,600	270,620	270,620	274,870
INTEREST	645,070	449,730	449,730	457,200
OTHER	4,497,023	-	-	-
TRANSFERS	402,618	440,000	441,000	485,000
<b>Total Revenue</b>	<b>\$6,549,810</b>	<b>\$1,790,060</b>	<b>\$1,791,060</b>	<b>\$2,016,090</b>
<b>EXPENSE BY CATEGORY</b>				
PURCHASED SERVICES	7,044	7,100	7,100	7,100
DEBT SERVICE	826,269	826,960	826,960	826,930
TRANSFERS	4,285,907	-	-	-
CAPITAL	9,489,241	820,120	7,728,300	1,118,000
<b>Total Expense</b>	<b>\$14,608,461</b>	<b>\$1,654,180</b>	<b>\$8,562,360</b>	<b>\$1,952,030</b>
<b>FTE</b>	-	-	-	-

## Raw Water Utility – Business/Finance

Business/Finance is where the yearly computer purchases, larger computer equipment, and training for the Department is budgeted. Utility Accounting is also part of this division, responsible for the annual budget, monthly financial reports, year-end financial processing, and the daily process of source documents, payroll processing, and tracking of project costs for the Department. This Division has ongoing interactions with the Loveland Utilities Commission, City Council, and the Citizen's Finance Advisory Commission. Customer Relations provides a single point of contact and responsible utility solutions to the key partners and commercial customers.

ACTIVITY	DEPARTMENT
Admin & General	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
BUSINESS/FINANCE	\$5,112,176	\$826,960	\$826,960	\$826,930
<b>EXPENSE BY CATEGORY</b>				
DEBT SERVICE	826,269	826,960	826,960	826,930
TRANSFERS	4,285,907	-	-	-
<b>Total Expenses</b>	<b>\$5,112,176</b>	<b>\$826,960</b>	<b>\$826,960</b>	<b>826,930</b>
<b>FTE</b>	-	-	-	-

### CHANGES COMPARED TO PRIOR YEAR ADOPTED

(30) Decrease in debt services based on the payment schedule.

- Core Changes
  - There are no core changes in this division.
- Funded Supplements
  - There are no funded supplements in this division.

(30) **Total Change**

### OTHER INFORMATION

- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Raw Water Utility – Water Resources

Water Resources is primarily responsible for the raw water planning, water conservation/efficiency, and water supply activities of the Department. Responsibilities include everything from day-to-day administration of water rights to long-range planning for future water needs. This section works closely with the Loveland Utilities Commission in matters concerning water resources.

ACTIVITY	DEPARTMENT
Water Resources	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
WATER RESOURCES	\$9,496,285	\$827,220	\$7,735,400	\$1,125,100
<b>EXPENSE BY CATEGORY</b>				
PURCHASED SERVICES	7,044	7,100	7,100	7,100
CAPITAL	9,489,241	820,120	7,728,300	1,118,000
<b>Total Expense</b>	<b>\$9,496,285</b>	<b>\$827,220</b>	<b>\$7,735,400</b>	<b>\$1,125,100</b>
<b>FTE</b>	-	-	-	-

### CHANGES COMPARED TO PRIOR YEAR ADOPTED

297,880 Increase in capital based on the capital program.

- Core Changes
  - There are no core changes in this division.
- Funded Supplements
  - There are no funded supplements in this division.

**297,880 Total Change**

### OTHER INFORMATION

- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

# Wastewater Utility

The Wastewater Utility Division consists of all groups and programs responsible for the day-to-day operations, engineering, and management for the Department's two water-related utilities: Water and Wastewater. Groups within the Division also provide some support services to the Power Operations Division such as utility locates, inspection, and GIS.

The following sections comprise the Wastewater Utility Division:

- Construction and Inspection
- Technical Services
- Engineering
- Treatment Operations
- Information Technology
- Water Resources
- Maintenance and Operations
- Water Metering

ACTIVITY	DEPARTMENT
Wastewater Utility	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Wastewater Fund</b>				
ADMINISTRATION & GENERAL	1,763,748	1,691,400	1,850,570	2,003,620
TREATMENT	4,340,027	3,071,470	3,642,840	5,983,230
COLLECTIONS	1,562,009	1,882,860	3,562,620	2,873,820
CUSTOMER RELATIONS	5,202	-	30	87,510
<b>Total Wastewater</b>	<b>\$7,670,986</b>	<b>\$6,645,730</b>	<b>\$9,056,060</b>	<b>\$10,948,180</b>
<b>Wastewater SIF Fund</b>				
ADMINISTRATION & GENERAL	10,567	-	1,140	-
TREATMENT	1,207,452	103,030	334,700	270,000
COLLECTIONS	41,324	118,320	1,042,270	365,000
<b>Total SIF Expense</b>	<b>\$1,259,343</b>	<b>\$221,350</b>	<b>\$1,378,110</b>	<b>\$635,000</b>
<b>Total Expense</b>	<b>\$8,930,329</b>	<b>\$6,867,080</b>	<b>\$10,434,170</b>	<b>\$11,583,180</b>
<b>REVENUE</b>				
<b>Wastewater Fund</b>				
UTILITY CHARGES	7,060,162	7,152,170	7,152,170	7,897,590
UTILITY OTHER	8,617	4,980	4,980	218,730
INTEREST	256,428	66,190	66,190	121,770
OTHER	(2,525)	(2,100)	(2,100)	(2,400)
TRANSFERS	13,597	-	2,590	10,000
<b>Total Wastewater Fund</b>	<b>\$7,336,279</b>	<b>\$7,221,240</b>	<b>\$7,223,830</b>	<b>\$8,245,690</b>
<b>Wastewater SIF Fund</b>				
UTILITY OTHER	107,462	100,000	100,000	100,000
IMPACT FEES	1,121,686	710,000	710,000	710,000
INTEREST	92,397	44,440	44,440	73,690
TRANSFERS	5,180	-	-	-
<b>Total Wastewater SIF Fund</b>	<b>\$1,326,725</b>	<b>\$854,440</b>	<b>\$854,440</b>	<b>\$883,690</b>
<b>Total Revenue</b>	<b>\$8,663,004</b>	<b>\$8,075,680</b>	<b>\$8,078,270</b>	<b>\$9,119,380</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	2,220,853	2,243,260	2,243,260	2,520,160
SUPPLIES	313,196	406,880	406,880	603,430
PURCHASED SERVICES	2,213,255	2,543,900	2,543,900	4,278,020
DEBT SERVICE	156,699	-	-	-
TRANSFERS	810,712	823,200	990,290	511,970
CAPITAL	3,215,614	849,840	4,249,840	3,669,600
<b>Total Expense</b>	<b>\$8,930,329</b>	<b>\$6,867,080</b>	<b>\$10,434,170</b>	<b>\$11,583,180</b>
<b>FTE</b>	<b>30.57</b>	<b>29.34</b>	<b>29.34</b>	<b>29.82</b>

## Wastewater Utility – Administration & General

Admin and General is where the yearly computer purchases, larger computer equipment, and training for the Department is budgeted. Utility Accounting is also part of this division, responsible for the annual budget, monthly financial reports, year-end financial processing, and the daily process of source documents, payroll processing, and tracking of project costs for the Department. This Division has ongoing interactions with the Loveland Utilities Commission, City Council, and the Citizens' Finance Advisory Commission. Customer Relations provides a single point of contact and responsible utility solutions to the key partners and commercial customers.

ACTIVITY				DEPARTMENT
Admin & General				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Wastewater Fund</b>				
ADMIN & GENERAL	\$1,763,748	\$1,691,400	\$1,850,570	\$2,003,620
<b>Wastewater SIF Fund</b>				
ADMIN & GENERAL	\$10,567	-	1,140	-
<b>Total SIF Expense</b>	<b>\$10,567</b>	<b>-</b>	<b>\$1,140</b>	<b>-</b>
<b>Total Expense</b>	<b>\$1,774,315</b>	<b>\$1,691,400</b>	<b>\$1,851,710</b>	<b>\$2,003,620</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	131,422	201,820	201,820	205,500
SUPPLIES	11,094	58,710	58,710	150,730
PURCHASED SERVICES	664,388	599,670	600,890	1,135,420
DEBT SERVICE	156,699	-	-	-
TRANSFERS	810,712	823,200	990,290	511,970
CAPITAL	-	8,000	-	-
<b>Total Expense</b>	<b>\$1,774,315</b>	<b>\$1,691,400</b>	<b>\$1,851,710</b>	<b>\$2,003,620</b>
<b>FTE</b>	<b>1.98</b>	<b>1.89</b>	<b>1.89</b>	<b>0.89</b>

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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

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21,710	Increase in supplies for clothing costs.
73,520	Increase in supplies for tools and equipment to centralize costs in one program.
46,640	Increase in purchased services for the PILT payment.
9,010	Increase in general liability based on the department's historical experience and forecasted liability costs.
(20,000)	Decrease in purchased services due to the one-time costs of the rate study.
497,660	Increase in purchased services for allocated administrative costs. These were budgted in prior years as transfers.
(377,890)	Decrease in transfers for allocated administrative costs.
21,660	Increase in transfers for the transfer to Art in Public Places Fund based on the capital program.
45,000	Increase in transfers for the intra-fund loan from the Water Enterprise.
(11,490)	<u>Core Changes</u>
(2,720)	Personnel Services
(3,210)	Supplies
2,440	Purchased Services
(8,000)	Capital
6,400	<u>Funded Supplements</u>
6,400	Increase in purchased services for a temporary accounting clerk position.

**312,220 Total Change**

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**OTHER INFORMATION**

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- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Wastewater Utility – Collection

Collection is comprised of equipment operators who maintain the wastewater collection systems. They inspect, wash, and repair sewer lines and manholes. Included is Engineering to review all new development proposals. Also included is Information Technology to operate the computerized drafting and GIS, and to take care of the Department's IT needs such as specialized software applications and maintenance. Technical Services is also part of this division, responsible for the wastewater lift stations throughout the City.

ACTIVITY				DEPARTMENT
Collection				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Wastewater Fund</b>				
COLLECTION	\$1,562,009	\$1,882,860	\$3,562,620	\$2,873,820
<b>Wastewater SIF Fund</b>				
COLLECTION	\$41,324	\$118,320	\$1,042,270	365,000
<b>Total Expense</b>	<b>\$1,603,333</b>	<b>\$2,001,180</b>	<b>\$4,604,890</b>	<b>\$3,238,820</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	923,834	897,110	933,090	934,490
SUPPLIES	49,545	84,430	84,420	240,590
PURCHASED SERVICES	503,107	626,320	625,070	1,018,740
TRANSFERS	-	-	-	-
CAPITAL	126,847	393,320	2,962,310	1,045,000
<b>Total Expense</b>	<b>\$1,603,333</b>	<b>\$2,001,180</b>	<b>\$4,604,890</b>	<b>\$3,238,820</b>
<b>FTE</b>	<b>14.11</b>	<b>12.95</b>	<b>12.95</b>	<b>11.43</b>



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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

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20,910	Increase in personal services due to a reduction in the amount of labor to be capitalized.
(29,750)	Decrease in personal services due to the elimination of two inspection/locator positions.
129,580	Increase in supplies for anti-corrosion chemicals. Part of this cost is transferred from the Treatment Program.
20,380	Increase in supplies for parts and supplies.
200,000	Increase in purchased services for cleaning the Namaqua Interceptor.
25,000	Increase in purchased services for water modeling support.
50,000	Increase in purchased services for lift station evaluations.
25,000	Increase in purchased services for right-of-way relocates.
(15,000)	Decrease in purchased services for the one-time costs of the Agilent site improvements.
12,500	Increase in purchased services for utilities costs.
29,770	Increase in purchased services vehicle maintenance based on projected fuel and maintenance costs.
50,000	Increase in purchased services in repair and maintenance for lift station rehabilitation.
651,680	Increase in capital based on the capital plan.
58,050	<u>Core Changes</u>
36,700	Personnel Services
6,200	Supplies
15,150	Purchased Services
9,520	<u>Funded Supplements</u>
9,520	Increase in personnel services for a non-benefitted Inspection/Locator position.

**1,237,640 Total Change**

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**OTHER INFORMATION**

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- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Wastewater Utility – Treatment

Collection is comprised of equipment operators who maintain the wastewater collection systems. They inspect, wash, and repair sewer lines and manholes. Included is Engineering to review all new development proposals. Also included is Information Technology to operate the computerized drafting and GIS, and to take care of the Department's IT needs such as specialized software applications and maintenance. Technical Services is also part of this division, responsible for the wastewater lift stations throughout the City.

ACTIVITY				DEPARTMENT
Treatment				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Wastewater Fund</b>				
TREATMENT	\$4,340,027	\$3,071,470	\$3,642,840	\$5,983,230
<b>Wastewater SIF Fund</b>				
TREATMENT	\$1,207,452	\$103,030	\$334,700	\$270,000
<b>Total Expense</b>	<b>\$5,547,479</b>	<b>\$3,174,500</b>	<b>\$3,977,540</b>	<b>\$6,253,230</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	1,160,960	1,144,330	1,108,350	1,297,680
SUPPLIES	252,507	263,740	263,750	211,380
PURCHASED SERVICES	1,045,245	1,317,910	1,317,910	2,119,570
CAPITAL	3,088,767	448,520	1,287,530	2,624,600
<b>Total Expense</b>	<b>\$5,547,479</b>	<b>\$3,174,500</b>	<b>\$3,977,540</b>	<b>\$6,253,230</b>
<b>FTE</b>	<b>14.48</b>	<b>14.50</b>	<b>14.50</b>	<b>16.50</b>

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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

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(22,840)	Decrease in personnel services due to the elimination of one seasonal position.
58,330	Increase in personnel services due to a reduction in the amount of labor to be capitalized.
16,500	Increase in supplies for chemicals.
(70,000)	Decrease in supplies for anti-corrosion chemicals transferred to the Collection Program.
(10,000)	Decrease in purchased services for lab testing services.
(36,000)	Decrease in purchased services for the start-up costs of the mercury sampling program.
(10,000)	Decrease in purchased services for pre-treatment lab evaluations.
(32,000)	Decrease in purchased services for the one-time costs for the digester equipment assessment.
(31,000)	Decrease in purchased services for odor study update.
(30,000)	Decrease in purchased services for the one-time costs of the digester gas conditioning study.
20,000	Increase in purchased services for sludge storage.
12,200	Increase in purchased services for the utility plan update.
13,400	Increase in purchased services for river monitoring.
500,000	Increase in purchased services for the inspection and interior coating of digester roofs.
114,600	Increase in purchased services to clean the digester.
217,660	Increase in repair and maintenance to rehabilitate aging facilities.
55,800	Increase in purchased services for sludge hauling costs.
17,000	Increase in purchased services for utilities costs.
2,176,080	Increase in capital based on the capital program.
(34,400)	<u>Core Changes</u>
(35,540)	Personnel Services
1,140	Supplies
153,400	<u>Funded Supplements</u>
57,130	Increase in personal services for a new Pre-Treatment Specialist position.
19,120	Increase in personnel services for two non-benefited Maintenance Technician positions.
77,150	Increase in personnel services for a new Plant Operator position.

**3,078,730 Total Change**

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**OTHER INFORMATION**

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- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

# Wastewater Utility – Customer Relations

Collection is comprised of equipment operators who maintain the wastewater collection systems. They inspect, wash, and repair sewer lines and manholes. Included is Engineering to review all new development proposals. Also included is Information Technology to operate the computerized drafting and GIS, and to take care of the Department's IT needs such as specialized software applications and maintenance. Technical Services is also part of this division, responsible for the wastewater lift stations throughout the City.

ACTIVITY	DEPARTMENT
Customer Relations	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Wastewater Fund</b>				
CUSTOMER RELATIONS	\$5,202	-	\$30	\$87,510
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	4,637	-	-	82,490
SUPPLIES	50	-	-	730
PURCHASED SERVICES	515	-	30	4,290
<b>Total Expense</b>	<b>\$5,202</b>	<b>-</b>	<b>\$30</b>	<b>\$87,510</b>
<b>FTE</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1.0</b>

## CHANGES COMPARED TO PRIOR YEAR ADOPTED

- 82,490 Increase in personnel services to annualize of the program in 2013.
- 730 Increase in supplies to annualize the program in 2013.
- 4,290 Increase in purchased services to annualize the program in 2013.

### - Core Changes

- There are no core changes in this division.

### - Funded Supplements

- There are no supplements in this division.

**87,510 Total Change**

## OTHER INFORMATION

### - Unfunded Supplements

- There are no unfunded supplements in this division.

### - Equipment Replacement

- No equipment is scheduled for replacement in this division.

### - Capital Projects

- There are no capital projects associated with this division.

## Power Utility

The Power Operations Division maintains the City of Loveland's electric distribution system. In 2011, the average service availability for the system was 99.9932%. The City is a retail distributor of electricity to 33,158 customers in and around Loveland, as well as a wholesale distributor of electricity to Xcel Energy. Loveland residents pay the second lowest rates in the state for their electricity. Loveland owns and maintains the distribution system as well as a small hydroelectric generating plant in the Big Thompson Canyon.

Over 99% of our electricity is purchased from Platte River Power Authority (PRPA). The municipalities of Estes Park, Fort Collins, Longmont and Loveland formed PRPA in 1973 to manage and operate the transmission and generation system. In 2009, the electricity consumed by the four cities was generated by the following sources; 68% coal, 25.9% hydroelectric, 4.4% Wind Power and Renewable Energy Certificates, 1.3% other, and 0.4% natural gas.

The Power Operations Division operates and maintains the electric utility system. The division plans, designs, and builds the system improvements needed to meet our customer's electrical needs at the lowest possible cost while providing a high level of reliability. In 2011, the Division designed and constructed approximately \$2,600,000 in projects. In 2012, the Division anticipates designing and constructing over \$6,500,000 in distribution system improvement and expansion projects.

ACTIVITY	DEPARTMENT			
Power Utility	Water & Power			

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Power Fund</b>				
ADMINISTRATION & GENERAL	39,063,112	39,690,200	40,075,000	45,469,600
OPERATIONS	5,597,665	8,863,950	14,518,890	8,340,060
HYDRO	161,572	608,160	669,660	154,770
CUSTOMER RELATIONS	78,986	-	1,123,700	975,330
<b>Total Operating Expense</b>	<b>\$44,901,335</b>	<b>\$49,162,310</b>	<b>\$56,387,250</b>	<b>\$54,939,760</b>
<b>Power PIF Fund</b>				
ADMINISTRATION & GENERAL	118,752	-	-	-
OPERATIONS	972,236	50,000	2,083,780	1,444,180
<b>Total SIF Expense</b>	<b>\$1,090,988</b>	<b>\$50,000</b>	<b>\$2,083,780</b>	<b>\$1,444,180</b>
<b>Total Power Expense</b>	<b>\$45,992,323</b>	<b>\$49,212,310</b>	<b>\$58,471,030</b>	<b>\$56,383,940</b>
<b>REVENUE</b>				
<b>Power Fund</b>				
UTILITY CHARGES	45,974,563	46,514,000	46,514,000	52,207,940
UTILITY OTHER	1,416,364	1,242,610	1,242,610	985,890
CHARGES FOR SERVICE	616,656	538,210	538,210	582,120
INTEREST	570,585	155,920	155,920	286,360
OTHER	230,423	35,000	35,000	17,050
TRANSFERS	147,744	254,420	257,450	30,000
<b>Total Power Fund</b>	<b>\$48,956,335</b>	<b>\$48,740,160</b>	<b>\$48,743,190</b>	<b>\$54,109,360</b>
<b>Power PIF Fund</b>				
IMPACT FEES	2,101,583	1,700,000	1,700,000	1,661,920
INTEREST	132,230	92,670	92,670	137,580
OTHER	(3,110)	-	-	-
TRANSFERS	2,320	-	-	-
<b>Total Power PIF Fund</b>	<b>\$2,233,023</b>	<b>\$1,792,670</b>	<b>\$1,792,670</b>	<b>\$1,799,500</b>
<b>Total Revenue</b>	<b>\$51,189,358</b>	<b>\$50,532,830</b>	<b>\$50,535,860</b>	<b>\$55,908,860</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	2,331,272	2,781,940	2,746,800	2,686,930
SUPPLIES	358,168	391,600	391,600	593,850
PURCHASED SERVICES	37,591,625	39,286,040	39,549,040	46,574,020
TRANSFERS	586,691	647,950	2,083,690	117,970
CAPITAL	5,124,567	6,104,780	13,699,900	6,411,170
<b>Total Expense</b>	<b>\$45,992,323</b>	<b>\$49,212,310</b>	<b>\$58,471,030</b>	<b>\$56,383,940</b>
<b>FTE</b>	<b>42.72</b>	<b>44.17</b>	<b>44.17</b>	<b>42.95</b>

## Power Utility – Administration and General

Administration and General is where the yearly computer purchases, larger computer equipment, and training for the Department is budgeted. Utility Accounting is also part of this division, responsible for the annual budget, monthly financial reports, year-end financial processing, and the daily process of source documents, payroll processing, and tracking of project costs for the Department. This Division has ongoing interactions with the Loveland Utilities Commission, City Council, and the Citizen's Finance Advisory Committee. Customer Relations provides a single point of contact and responsible utility solutions to the key partners and commercial customers.

ACTIVITY				DEPARTMENT
Administration & General				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Power Fund</b>				
ADMIN & GENERAL	\$39,063,112	\$39,690,200	\$40,075,000	\$45,469,600
<b>Power PIF Fund</b>				
ADMIN & GENERAL	\$118,752	-	-	-
<b>Total Expense</b>	<b>\$39,181,864</b>	<b>\$39,690,200</b>	<b>\$40,075,000</b>	<b>\$45,469,600</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	295,399	692,930	488,540	472,440
SUPPLIES	20,047	33,070	23,550	217,290
PURCHASED SERVICES	36,826,132	38,195,320	37,479,220	44,661,900
TRANSFERS	586,691	647,950	2,083,690	117,970
CAPITAL	1,453,595	120,930	-	-
<b>Total Expense</b>	<b>\$39,181,864</b>	<b>\$39,690,200</b>	<b>\$40,075,000</b>	<b>\$45,469,600</b>
<b>FTE</b>	<b>7.05</b>	<b>7.44</b>	<b>5.94</b>	<b>5.94</b>

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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

38,610	Increase in personnel services for workers' compensation based on the department's experience rating and forecasted liability costs.
(2,190)	Decrease in personnel services for unemployment insurance based on the department's experience rating and forecasted liability costs.
(15,640)	Decrease in personal services due to a reallocation of salaries to the Operations program.
(183,130)	Decrease in personal services due to the transfer to the Customer Relations Division to implement the program.
159,790	Increase in supplies for tools and equipment due to centralizing costs from all divisions into Administration and General Division.
40,000	Increase in supplies for computer supplies.
30,000	Increase in purchased services for consulting services for a rate study.
(13,580)	Decrease in purchased services for general liability insurance based on the department's experience rating and forecasted liability costs.
(731,560)	Decrease in purchased services due to the transfer to the Customer Relations Division to implement the program.
4,917,480	Increase in purchased services for purchased power to be resold due to rate increases from PRPA and projected demand.
1,846,330	Increase in purchased services for allocated administrative costs including utility billing and meter reading allocated costs due to the move of these functions to the General Fund. These costs were budgeted as transfers in prior years.
396,680	Increase in purchased services for PILT payments based on the revenue projections.
(533,520)	Decrease in transfers for allocated administrative costs.
(120,930)	Decrease in capital based on the capital plan.
(59,640)	<u>Core Changes</u>
(68,840)	Personnel Services
(15,570)	Supplies
21,230	Purchased Services
3,540	Transfers
10,700	<u>Funded Supplements</u>
10,700	Increase in purchased services for the Power portion of the addition of a temporary account clerk.
<b>5,779,400</b>	<b>Total Change</b>

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**OTHER INFORMATION**

- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.



# Power Utility – Distribution Operations & Maintenance

The Power Operations Division maintains the City of Loveland's electric distribution system. The City is a retail distributor of electricity in and around Loveland, as well as a wholesale distributor to Xcel Energy. Over 99% of our electricity is purchased from Platte River Power Authority (PRPA). This division operates and maintains the electric utility system by planning, designing and building system improvements.

ACTIVITY				DEPARTMENT
Distribution Operations & Maintenance				Water & Power
EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
<b>Power Fund</b>				
OPERATIONS	\$5,597,665	\$8,863,950	\$14,518,890	\$8,340,060
<b>Power PIF Fund</b>				
OPERATIONS	\$972,236	\$50,000	\$2,083,780	\$1,444,180
<b>Total Expense</b>	<b>\$6,569,901</b>	<b>\$8,913,950</b>	<b>\$16,602,670</b>	<b>\$9,784,240</b>
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	1,948,836	2,005,500	2,005,500	2,016,060
SUPPLIES	333,577	344,230	344,230	336,740
PURCHASED SERVICES	739,498	1,028,820	1,091,440	1,086,880
CAPITAL	3,547,990	5,535,400	13,161,500	6,344,560
<b>Total Expense</b>	<b>\$6,569,901</b>	<b>\$8,913,950</b>	<b>\$16,602,670</b>	<b>\$9,784,240</b>
<b>FTE</b>	<b>34.77</b>	<b>35.41</b>	<b>36.41</b>	<b>35.19</b>

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**CHANGES COMPARED TO PRIOR YEAR ADOPTED**

(223,950)	Decrease in personnel services due to an increase in the amount of labor capitalized based on the capital program.
(44,070)	Decrease in personnel services due to the elimination of two inspection/locator positions.
15,640	Increase in personnel services due to a reallocation of salary from the Administration and General program.
7,500	Increase in purchased services for the Power Takeoff End User Program.
12,200	Increase in purchased services for repair and maintenance costs.
6,200	Increase in purchased services for tree trimming expenses.
(14,840)	Decrease in purchased services due to an increase in the amount to be capitalized based on the capital program.
39,990	Increase in purchased services for vehicle maintenance costs based on projected fuel and maintenance expenses.
805,440	Increase in capital based on the capital program.
252,080	<u>Core Changes</u>
252,560	Personnel Services
(7,490)	Supplies
7,010	Purchased Services
14,100	<u>Funded Supplements</u>
14,100	Increase in personnel services for the addition of a temporary Inspect/locator position.
<b>870,290</b>	<b>Total Change</b>

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**OTHER INFORMATION**

- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Power Utility – Hydroelectric Generation

Hydroelectric Generation is currently under the Technical Services Section. The Hydro budget is used to fund the maintenance and repair of the Idlewilde Dam, a small hydroelectric generating plant in the Big Thompson Canyon. Technical Services also maintains the pipe line that feeds the Hydro Plant.

<b>DIVISION</b>	<b>DEPARTMENT</b>
Hydroelectric Generation	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
HYDRO	\$161,572	\$608,160	\$669,660	\$154,770
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	27,613	85,310	55,060	15,300
SUPPLIES	3,945	14,300	14,300	14,220
PURCHASED SERVICES	7,032	61,900	61,900	58,640
CAPITAL	122,982	448,450	538,400	66,610
<b>Total Expense</b>	<b>\$161,572</b>	<b>\$608,160</b>	<b>\$669,660</b>	<b>\$154,770</b>
<b>FTE</b>	<b>.90</b>	<b>1.32</b>	<b>1.32</b>	<b>0.32</b>

### CHANGES COMPARED TO PRIOR YEAR ADOPTED

- (70,560) Decrease in personnel services due to the elimination of one Technician position.
- 50,290 Increase in personnel services due less labor being capitalized based on the capital program.
- (381,840) Decrease in capital based on the capital program.
- (51,280) Core Changes
  - (47,940) Personnel Services
  - (80) Supplies
  - (3,260) Purchased Services
- Funded Supplements
  - There are no funded supplements in this division.

**(453,390) Total Change**

### OTHER INFORMATION

- Unfunded Supplements
  - There are no unfunded supplements in this division.
- Equipment Replacement
  - No equipment is scheduled for replacement in this division.
- Capital Projects
  - There are no capital projects associated with this division.

## Power Utility – Customer Relations

DIVISION	DEPARTMENT
Customer Relations	Water & Power

EXPENSE BY DIVISION/Program	'11 Actual	'12 Adopted Budget	'12 Revised Budget as of June	'13 Budget
CUSTOMER RELATIONS	\$78,986	-	\$1,123,700	\$975,330
<b>EXPENSE BY CATEGORY</b>				
PERSONNEL SERVICES	59,424	-	197,700	183,130
SUPPLIES	599	-	9,520	25,600
PURCHASED SERVICES	18,963	-	916,480	766,600
<b>Total Expense</b>	<b>\$78,986</b>	<b>-</b>	<b>\$1,123,700</b>	<b>\$975,330</b>
<b>FTE</b>	<b>1.00</b>	<b>-</b>	<b>1.50</b>	<b>1.50</b>

### CHANGES COMPARED TO PRIOR YEAR ADOPTED

- 183,130 Increase in personal services to implement the program. The funding is transferred from the Administration and General Division.
- 19,620 Increase in supplies to implement several new customer programs.
- 120,300 Increase in purchased services for energy efficiency rebates.
- 611,260 Increase in purchased services to implement several new customer programs.

#### 41,020 Core Changes

- 5,980 Supplies
- 35,040 Purchased Services

#### - Funded Supplements

- There are no funded supplements in this division.

#### 975,330 **Total Change**

### OTHER INFORMATION

#### - Unfunded Supplements

- There are no unfunded supplements in this division.

#### - Equipment Replacement

- No equipment is scheduled for replacement in this division.

#### - Capital Projects

- There are no capital projects associated with this division.