

**2019-2028 Raw Water Utility Capital Program**

	2019	2020	2021	2022	2023	Five Year Total	2024	2025	2026	2027	2028	Ten Year Total
<b>Revenue</b>												
Beginning Balance	\$ 22,293,614	\$ 5,853,944	\$ 4,771,992	\$ 4,238,129	\$ 3,247,848	22,293,614	\$ 3,011,746	\$ 2,834,419	\$ 2,708,588	\$ 2,636,690	\$ 2,618,739	22,293,614
A Transfer from Water Rates	533,990	579,980	634,470	694,000	727,170	3,169,610	761,600	797,420	834,590	873,060	912,400	7,348,680
B Raw Water Devlpmt Fees/Cap Rec Srchg	484,188	366,772	373,301	403,946	410,934	2,039,140	417,879	424,815	431,697	438,475	444,921	4,196,928
C Cash-in-Lieu	227,167	229,440	233,520	237,680	241,790	1,169,597	245,880	249,960	254,010	258,000	261,790	2,439,237
D Hi-Use Surcharge	73,118	73,850	75,160	76,500	77,820	376,448	79,140	80,450	81,750	83,030	84,250	785,068
E Native Raw Water Storage Fee	196,876	198,840	202,380	205,980	209,540	1,013,616	213,080	216,620	220,130	223,590	226,880	2,113,916
F Transfer from General Funds	1,026	1,030	1,030	1,030	1,030	5,146	1,030	1,030	1,030	1,030	1,030	10,296
G Interest on Investments	300,965	175,620	133,620	114,430	90,940	815,575	99,390	99,200	100,220	100,190	102,130	1,316,705
H Water Loan Payments Received	-	-	-	-	-	-	-	-	-	-	-	-
I External Loan	37,560,000	-	-	-	-	37,560,000	-	-	-	-	-	37,560,000
J External Loan Payment	-	(1,495,054)	(1,495,054)	(1,995,326)	(1,995,326)	(6,980,760)	(1,995,326)	(1,995,326)	(1,995,326)	(1,995,326)	(1,995,326)	(16,957,390)
<b>Total Revenue</b>	<b>\$ 61,670,944</b>	<b>\$ 5,984,422</b>	<b>\$ 4,930,419</b>	<b>\$ 3,976,368</b>	<b>\$ 3,011,746</b>	<b>\$ 61,461,986</b>	<b>\$ 2,834,419</b>	<b>\$ 2,708,588</b>	<b>\$ 2,636,690</b>	<b>\$ 2,618,739</b>	<b>\$ 2,656,813</b>	<b>\$ 61,107,053</b>
<b>Expenditures</b>												
<b>Capital Projects</b>												
1 RW - Colorado Big Thompson Water Purchases	-	521,250	543,400	566,500	-	1,631,150	-	-	-	-	-	1,631,150
2 RW - Down Stream Storage Armoring	125,000	136,570	148,890	162,020	-	572,480	-	-	-	-	-	572,480
3 RW - Future Water Court Transfer Actions	100,000	104,250	-	-	-	204,250	-	-	-	-	-	204,250
4 RW - GRGR 18" Bypass Pipe Connections	32,000	450,360	-	-	-	482,360	-	-	-	-	-	482,360
5 RW - Windy Gap Firming Project	55,560,000	-	-	-	-	55,560,000	-	-	-	-	-	55,560,000
<b>Subtotal Capital Projects</b>	<b>\$ 55,817,000</b>	<b>\$ 1,212,430</b>	<b>\$ 692,290</b>	<b>\$ 728,520</b>	<b>\$ -</b>	<b>\$ 58,450,240</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 58,450,240</b>
<b>Total</b>	<b>\$ 55,817,000</b>	<b>\$ 1,212,430</b>	<b>\$ 692,290</b>	<b>\$ 728,520</b>	<b>\$ -</b>	<b>\$ 58,450,240</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 58,450,240</b>
<b>Reserve for Future Capital Projects</b>	<b>\$ 5,853,944</b>	<b>\$ 4,771,992</b>	<b>\$ 4,238,129</b>	<b>\$ 3,247,848</b>	<b>\$ 3,011,746</b>	<b>\$ 3,011,746</b>	<b>\$ 2,834,419</b>	<b>\$ 2,708,588</b>	<b>\$ 2,636,690</b>	<b>\$ 2,618,739</b>	<b>\$ 2,656,813</b>	<b>\$ 2,656,813</b>

**City of Loveland  
Capital Improvement  
Program**

**302-46-316-0000-302-WP-Water Resources**

**REQUEST NAME**

RW - Purchase CBT Water

**REQUEST CODE**

CIP-302-46-316-0000-19-221

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT NAME**

RW - Purchase CBT Water

**PROJECT PRIORITY #**

1

**PROJECT #**

W1014A

**PROJECT AREA**

NA

**PROJECT DESCRIPTION / NECESSITY**



Colorado Big Thompson (CBT) Water Purchases are one of the identified ways in the City's Raw Water Master Plan to acquire additional water for the City. The City was successful in late 2011 and early 2012 in purchasing a relatively large amount of CBT at a reasonable price. This project is to plan for funds to allow flexibility and responsiveness to consider and execute purchases of CBT water should desirable opportunities occur. Staff actively monitors the markets and negotiates with potential sellers. CBT water purchases are being phased out as a result of participating in the Windy Gap Firming project.

**Capital Items**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2028</b>	<b>Total</b>
Engineering	0	521,250	543,400	566,500	0	0	1,631,150
<b>Total</b>	<b>0</b>	<b>521,250</b>	<b>543,400</b>	<b>566,500</b>	<b>0</b>	<b>0</b>	<b>1,631,150</b>

**Funding Sources**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2028</b>	<b>Total</b>
Raw Water Fund Balance	0	521,250	543,400	566,500	0	0	1,631,150
<b>Total</b>	<b>0</b>	<b>521,250</b>	<b>543,400</b>	<b>566,500</b>	<b>0</b>	<b>0</b>	<b>1,631,150</b>

**City of Loveland  
Capital Improvement  
Program**

**302-46-316-0000-302-WP-Water Resources**

**REQUEST NAME**

RW - Down Stream Storage - Armoring

**REQUEST CODE**

CIP-302-46-316-0000-19-222

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT NAME**

Down Stream Storage Armoring

**PROJECT PRIORITY #**

1

**PROJECT #**

W1901A

**PROJECT AREA**

All Projects

**PROJECT DESCRIPTION / NECESSITY**



Due to erosion from waves to the banks of the reservoir it is necessary to install riprap along the banks of the reservoir. The riprap armoring will not only prevent nuisance erosion but also protect the bank of the reservoir from significant erosion that could threaten the structural integrity of the embankment.

**Capital Items**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2028</b>	<b>Total</b>
Construction	125,000	136,570	148,890	162,020	0	0	572,480
<b>Total</b>	<b>125,000</b>	<b>136,570</b>	<b>148,890</b>	<b>162,020</b>	<b>0</b>	<b>0</b>	<b>572,480</b>

**Funding Sources**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2028</b>	<b>Total</b>
Raw Water Fund Balance	125,000	136,570	148,890	162,020	0	0	572,480
<b>Total</b>	<b>125,000</b>	<b>136,570</b>	<b>148,890</b>	<b>162,020</b>	<b>0</b>	<b>0</b>	<b>572,480</b>

**City of Loveland  
Capital Improvement  
Program**

**302-46-316-0000-302-WP-Water Resources**

**REQUEST NAME**

RW - Future Water Court Transfer Actions

**REQUEST CODE**

CIP-302-46-316-0000-19-220

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT NAME**

Future Water Court Transfer Actions

**PROJECT PRIORITY #**

1

**PROJECT #**

W1709A

**PROJECT AREA**

NA

**PROJECT DESCRIPTION / NECESSITY**



Timing for future Water Court applications is decided depending on the City's acquisition of shares in ditch stock and through consultation with water counsel and consultants depending on legal and engineering circumstances.

**Capital Items**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2028</b>	<b>Total</b>
Engineering	100,000	104,250	0	0	0	0	204,250
<b>Total</b>	<b>100,000</b>	<b>104,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>204,250</b>

**Funding Sources**

	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024-2028</b>	<b>Total</b>
Raw Water Fund Balance	100,000	104,250	0	0	0	0	204,250
<b>Total</b>	<b>100,000</b>	<b>104,250</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>204,250</b>

**City of Loveland  
Capital Improvement  
Program**

**302-46-316-0000-302-WP-Water Resources**

**REQUEST NAME**

RW - GRGR 18" Bypass Pipe Connections

**REQUEST CODE**

CIP-302-46-316-0000-19-223

**REQUEST TYPE**

Capital Improvement Program

**Start Date**

1/1/2019

**PROJECT NAME**

GRGR 18" Bypass Pipe Connections

**PROJECT PRIORITY #**

1

**PROJECT #**

W1902A

**PROJECT AREA**

All Projects

**PROJECT DESCRIPTION / NECESSITY**



Install a low flow release for augmentation and replacements to the Big Thompson River as required by various decrees. Previously this was done less often through a larger release.

**Capital Items**

	2019	2020	2021	2022	2023	2024-2028	Total
Engineering	32,000	33,360	0	0	0	0	65,360
Construction	0	417,000	0	0	0	0	417,000
<b>Total</b>	<b>32,000</b>	<b>450,360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>482,360</b>

**Funding Sources**

	2019	2020	2021	2022	2023	2024-2028	Total
Raw Water Fund Balance	32,000	450,360	0	0	0	0	482,360
<b>Total</b>	<b>32,000</b>	<b>450,360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>482,360</b>

