

CITY COUNCIL WORK SESSION MEETING AGENDA October 2, 2017 5:30 – 6:30pm

- 1) Call to Order
- 2) Water Operational and Capital Fund Discussion
- 3) Adjourn

CITY OF MINNETRISTA



REQUEST FOR CITY COUNCIL ACTION/DISCUSSION

Subject: Water Operations and Capital Fund 2018 Budget Discussion

Prepared By: Brian Grimm, Finance Director - for Department Manager Budget

Working Group

Meeting Date: October 2, 2017

Spreadsheets regarding the water operational fund and water capital fund have been attached that include updated numbers for 2016 actual numbers, an updated draft CIP listing and projection for water fund revenue and expenditure items for 2018 and beyond. Staff will review these spreadsheets with the City Council and be available for further explanation and questions regarding the current water funds status and projections going forward.

One item that should be part of the discussion is a potential land site and timeline of a water tower in the southern water system. This was planned for 2017 but was put on hold when the potential land site that was identified did not work out.

Another item that staff would like to discuss is combining the water capital (fund 491) and water operational fund (fund 601) for budgeting purposes into one fund from two funds. It would basically be merging the activity from fund 491 into 601. This is what the auditors do at year end for reporting all of our water enterprise fund activity into one fund. The main reason we have continued to budget it as two funds is based on past practice and previous Councils having a preference as to seeing the activity shown as two funds/budgets.

Recommended City Council Action:

A preliminary discussion on the water enterprise funds is the expectation for this agenda item. Direction/be on setting the 2018 water rates and final budget

Does Recommended Action meet City Mission Statement? x Yes No Does Recommended Action meet City Goals/Priorities? x Yes No Explain: This item is regarding a preliminary discussion on 2018 Water Funds Budget.

Mission Statement:

The City of Minnetrista will deliver quality services in a cost effective and innovative manner and provide opportunities for a high quality of life while protecting natural resources and maintaining a rural character.

CIP Dated October 2, 2017

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18 Additional operating cases-WTP Insurance 18 Additional operating cases			· ·	,	·			·		· ·	·	·	·	,								
19 Insurance	·	184,112	293,374	164,352	140,442	131,731					·	·			· ·							
20 Utililies 56,021 57,389 37,905 46,565 54,381 44,640 48,925 47,394 49,342 49,309 50,225 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,301 51,3	, -																					
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Bond P&I (PFA) - Treatment Plant 36 37 Interest and Other Expenses 38 Eaglital outlay 39 Transfers In/(Out) to Enterprise Funds 40 Transfers to Water Imp Fd 41 Total non operating revenue (expenses) 42 43 Net increase (decrease) in resources 44 45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding	· · · · · · · · · · · · · · · · · · ·																					
36	-																					
37 Interest and Other Expenses Capital outlay (28,102) (46,509) (40,244) (18,610) (31,876) (27,063) (22,027) (16,705) (15,827) (14,837) (13,638) (12,247) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (10,710) (1	` ,																					
2 Capital outlay 39 Transfers In/(Out) to Enterprise Funds 40 Transfers to Water Imp Fd (350,000) (350,000) (350,000) (350,000) (350,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000) (550,000		(24.050)	(20 102)	(46 E00)	(40.244)	(10 610)	(24.976)	(27.062)	(22.027)	(16.705)	(45 007)	(44 027)	(42.620)	(12.247)	(10.710)							
39 Transfers In/(Out) to Enterprise Funds 40 Transfers to Water Imp Fd 41 Total non operating revenue (expenses) 42 43 Net increase (decrease) in resources 43 Capital contributions 46 47 48 Ending net assets 49 CIP Funding	·	(31,000)	(20,102)	(46,509)	(40,244)	(10,010)	(31,070)	(27,003)	(22,021)	(16,705)	(15,627)	(14,037)	(13,030)	(12,247)	(10,710)							
40 Transfers to Water Imp Fd 41 Total non operating revenue (expenses) 42 43 Net increase (decrease) in resources 44 45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding								0	0	0	0	0	0	0	0							
41 Total non operating revenue (expenses) 42 43 Net increase (decrease) in resources 44 45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding 41 Total non operating revenue (expenses) 7,476 (32,753) (19,215) (26,037) (2,927) (357,171) (354,850) (357,171) (354,850) (351,785) (548,031) (548,707) (547,866) (548,220) (545,143) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562) (541,562							(350,000)	_					_	(550,000)	(550,000)							
42 43 Net increase (decrease) in resources 44 45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding (30,065) (255,676) (124,484) (51,167) (17,192) (348,027) (275,454) (196,684) (321,412) (245,911) (160,713) (67,924) 37,272 149,722 4,829,553 4,979,275	·	7.476	(32 753)	(19 215)	(26.037)	(2 927)	, ,	, ,						, ,								
43 Net increase (decrease) in resources (44) 45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding (30,065) (255,676) (124,484) (51,167) (17,192) (348,027) (275,454) (196,684) (321,412) (245,911) (160,713) (67,924) 37,272 149,722 (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49,722) (49	, , , , ,	7,470	(02,700)	(10,210)	(20,001)	(2,521)	(007,171)	(004,000)	(001,700)	(040,001)	(040,707)	(047,000)	(040,220)	(040,140)	(041,002)							
44 45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding 49 Funding		(30.065)	(255 676)	(124 484)	(51 167)	(17 192)	(348 027)	(275 454)	(196 684)	(321 412)	(245 911)	(160 713)	(67 924)	37 272	149 722							
45 Capital contributions 46 47 48 Ending net assets 49 CIP Funding	,	(00,000)	(200,070)	(124,404)	(01,101)	(17,102)	(040,021)	(270,404)	(100,004)	(021,412)	(240,011)	(100,710)	(07,024)	01,212	140,722							
46																						
47 48 Ending net assets 49 CIP Funding 6,844,549 6,588,873 6,464,389 6,413,222 6,396,030 6,060,379 5,784,925 5,588,241 5,266,828 5,020,918 4,860,204 4,792,281 4,829,553 4,979,275	·																					
48 Ending net assets 49 CIP Funding 6,844,549 6,588,873 6,464,389 6,413,222 6,396,030 6,060,379 5,784,925 5,588,241 5,266,828 5,020,918 4,860,204 4,792,281 4,829,553 4,979,275																						
49 CIP Funding	• •	6.844.549	6,588.873	6,464.389	6,413,222	6,396.030	6,060.379	5,784.925	5,588.241	5,266.828	5,020.918	4,860.204	4,792.281	4,829.553	4,979.275							
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	•		(8.268)	(20.000)	0	0	0	(18.000)	(66.000)	(60.000)	0	(231.000)	0	(75.000)	0							

CIP Dated October 2, 2017

 Rates Inflation Revenue growth assumption - non-usage Investment income yield Expense growth - general and administrative Expense growth - contractual
6
51 Bond Proceeds
52 Bonded capital costs
53 Bond P&I - Future - 15 yrs at 3.85%
54 Bond P&I - Future - 15 yrs at 3.85%
55 Bond P&I - Future - 15 yrs at 3.85%
56 Bond P&I - Future - 15 yrs at 3.85%
57 Bond P&I - Future - 15 yrs at 3.85%
57 Bond Prin - Existing
58
59 Beginning Cash
60 Add net operations
61 Add back depreciation
62 Add net non operating
63 Add capital and bond
64 Net change in balance sheet items
65 Accounts/Contracts/Retainage Payable
66 Ending Cash
67 Other investments
68 Ending net assets
69
71 Target minimum working capital
72 Actual working capital-cash balance
73 Over (Under) target working capital

74



MINNE	Water Operational Fund												
Actual	Actual	Actual	Actual	Actual :					Projected				
2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
					4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
					2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
					1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
					1.00%	1.00%	1.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
					1.00%	1.00%	1.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
			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	0	0	0
									0	0	0	0	0
(90,000)	(95,000)	(95,000)	(95,000)	(105,000)	(135,000)	(140,000)	(145,000)	(30,000)	(30,000)	(30,000)	(35,000)	(35,000)	(40,000)
1,113,373	1,299,767	1,171,355	1,149,854	1,212,079	1,258,498	997,242	787,777	606,321	425,662	385,119	203,481	345,434	522,481
(37,541)	(222,923)	(105,269)	(25,130)	(14,265)	9,144	79,396	155,101	226,619	302,796	387,152	480,297	582,415	691,284
230,533	230,532	217,983	219,575	247,344	221,771	223,988	226,228	230,753	235,368	240,075	244,877	249,774	254,770
7,476	(32,753)	(19,215)	(26,037)	(2,927)	(357,171)	(354,850)	(351,785)	(548,031)	(548,707)	(547,866)	(548,220)	(545,143)	(541,562)
(90,000)	(103,268)	(115,000)	(95,000)	(105,000)	(135,000)	(158,000)	(211,000)	(90,000)	(30,000)	(261,000)	(35,000)	(110,000)	(40,000)
75,926			(11,183)	(32,306)									
1,299,767	1,171,355	1,149,854	1,212,079	1,304,925	997,242	787,777	606,321	425,662	385,119	203,481	345,434	522,481	886,973
6,844,549	6,588,873	6,464,389	6,413,222	6,396,030	6,060,379	5,784,925	5,588,241	5,266,828	5,020,918	4,860,204	4,792,281	4,829,553	4,979,275
	540.047	400.000	4 000 050	4 074 000	4 200 007	4 050 507	4 004 000	4 407 400	4 000 405	4.475.400	4 050 500	4 400 450	4 000 400
4 000 707	548,047	490,992	1,036,653	1,274,962	1,300,927	1,350,597	1,224,980	1,167,123	1,399,195	1,175,109	1,250,529	1,128,456	1,228,183
1,299,767	1,171,355	1,149,854	1,212,079	1,304,925	997,242	787,777	606,321	425,662	385,119	203,481	345,434	522,481	886,973
1,299,767	623,308	658,863	175,427	29,963	(303,684)	(562,819)	(618,658)	(741,461)	(1,014,076)	(971,628)	(905,095)	(605,976)	(341,211)

CIP Dated October 2, 2017



CIP Dated October 2, 2017	Water Improvement Fund													
	Actual	Actual	Actual	Actual	Actual :				water iiii	Jioveillelli Fi	ina	Project	ed	
	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
1 Rates Inflation														
2 Revenue growth assumption - non-usage			2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
3 Investment income yield			1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
4 Expense growth - general and administrative			3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
5 Expense growth - contractual			3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
6														
7 Beginning net assets	1,011,679	1,041,337	1,539,419	1,774,696	729,578	1,385,524	1,374,232	765,205	1,144,219	1,330,262	1,520,418	1,556,328	1,754,329	1,957,276
9 Operating Revenues														
10 Water sales														
11 Trunk charge		561,545	409,647	353,973	12,980	191,925	0	193,173	194,428	195,692	196,964	198,244	199,533	200,830
12 Connection charge	64,800	64,800	226,800	194,400	233,750	213,750	213,750	215,139	216,538	217,945	219,362	220,788	222,223	223,667
13 Total Operating Revenues	64,800	626,345	636,447	548,373	246,730	405,675	213,750	408,312	410,966	413,637	416,326	419,032	421,756	424,497
14	01,000	020,010	000,111	0 10,070	210,700	100,070	210,700	100,012	110,000	110,007	110,020	110,002	121,700	12 1, 107
15 Operating Expenses														
16 Personal Services			0	0	0	0	0	0	0	0	0	0	0	0
17 Supplies and Maintenance			0	0	0	0	0	0	0	0	0	0	0	0
18 Additional operating costs-WTP														
19 Insurance			0	0	0	0	0	0	0	0	0	0	0	0
20 Utilities			0	0	0	0	0	0	0	0	0	0	0	0
21 Other Services and Charges			342,299			0	0	0	0	0	0	0	0	0
22 Depreciation			0	0	0	0	0	0	0	0	0	0	0	0
23 Total Operating Expenses	0	0	342,299	0	0	0	0	0	0	0	0	0	0	0
24														
25 Net Operations	64,800	626,345	294,148	548,373	246,730	405,675	213,750	408,312	410,966	413,637	416,326	419,032	421,756	424,497
26 Non operating revenues (expenses)														
27 Special assessments	3,286	3,164	3,043	2,921	2,799									
28 Other	4.4.40.4	(7.000)	517,528	04.040	00.050	04.050	45.475	0.004	40.475	45.005	40.007	47.000	40.070	04.005
29 Interest income	14,424	(7,089)	27,511	21,040	22,650	21,856	15,475	9,384	13,175	15,035	16,937	17,296	19,276	21,305
30 Miscellaneous Revenue			0	0	33,609	0	0	0	0	0	0	0	0	0
31 Bond proceeds					2.755.602									
32 Bond proceeds - Water Main33 Bond Proceeds - Water Tower					2,755,693			2 400 000						
33 Bond Proceeds - Water Tower34 Bond Proceeds - Treatment Plant					7,714,609			2,400,000						
35 Bond principal	(45,427)	(45,000)	(46,000)	(46,000)	(456,697)	(48,000)	(48,000)	(49,000)	(49,000)	(50,000)	(50,000)	(51,000)	(51,364)	0
36 Bond P&I - Water Main - 15 yrs at 3.5%	(45,421)	(43,000)	(40,000)	(40,000)	(430,037)	(40,000)	(243,110)	(243,110)	(243,110)	(243,110)	(243,110)	(243,110)	(243,110)	(243,110)
37 Bond P&I - Water Tower - 15 yrs at 3.5%			٥			0	(243,110)	0	0	(243,110)	0	0	0	(243,110)
38 Bond P&I (PFA) - Treatment Plant						(493,000)	(493,000)	(493,000)	(493,000)	(493,000)	(493,000)	(493,000)	(493,000)	(493,000)
36						(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	(100,000)	0	(100,000)	(100,000)
37 Interest and Other Expenses	(7,425)	(6,900)	(6,366)	(5,818)	(76,308)	(4,712)	(4,142)	(3,572)	(2,988)	(2,406)	(1,812)	(1,217)	(610)	0
38 Capital outlay	(, /	(72,438)	(554,587)	(1,565,634)	(9,844,101)	O O	(400,000)	(2,000,000)	0	0	(159,430)	O O	0	0
39 Transfers In/(Out) to Enterprise Funds		· , ,	0	0	O O	350,000	350,000	350,000	550,000	550,000	550,000	550,000	550,000	550,000
40 Transfers to Water Imp Fd			0	0	0	0	0	0	0	0	0	0	0	0
41 Total non operating revenue (expenses)	(35,142)	(128,263)	(58,871)	(1,593,491)	152,254	(416,966)	(822,777)	(29,298)	(224,923)	(223,481)	(380,415)	(221,031)	(218,808)	(164,805)
42														
43 Net increase (decrease) in resources	29,658	498,082	235,277	(1,045,118)	398,984	(11,291)	(609,027)	379,014	186,043	190,156	35,910	198,001	202,947	259,692
44														
45 Capital contributions														
40 47														
47 48 Ending net assets	1,041,337	1,539,419	1,774,696	729,578	1,128,562	1,374,232	765,205	1,144,219	1,330,262	1,520,418	1,556,328	1,754,329	1,957,276	2,216,968
49 CIP Funding	1,0+1,057	1,555,415	1,774,090	123,310	1,120,302	1,014,202	103,203	1,174,213	1,000,202	1,320,410	1,330,320	1,734,323	1,331,210	2,210,300
50 Purchase of Capital Assets			0	0	0	0			0	0	0	0	0	0
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CIP Dated October 2, 2017



 1 Rates Inflation 2 Revenue growth assumption - non-usage 3 Investment income yield 4 Expense growth - general and administrative 5 Expense growth - contractual 6
51 Bond Proceeds
52 Bonded capital costs
53 Bond P&I - Future - 15 yrs at 3.85%
54 Bond P&I - Future - 15 yrs at 3.85%
55 Bond P&I - Future - 15 yrs at 3.85%
56 Bond P&I - Future - 15 yrs at 3.85%
57 Bond P&I - Future - 15 yrs at 3.85%
57 Bond Prin - Existing
58
59 Beginning Cash
60 Add net operations
61 Add back depreciation
62 Add net non operating
63 Add capital and bond
64 Net change in balance sheet items
65 Accounts/Contracts/Retainage Payable
66 Ending Cash
67 Other investments
68 Ending net assets
 71 Target minimum working capital 72 Actual working capital-cash balance 73 Over (Under) target working capital 74

Actual	Actual	Actual	Actual	Actual :							Projecte	ed	
2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025
		2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
		1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%	1.00%
		3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
		3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
	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	0	0	0	0
					0	0	0	0	0	0	0	0	0
									0	0	0	0	0
1,016,641	1,038,726	1,536,808	1,772,085	1,159,776	2,185,586	1,547,469	938,441	1,317,455	1,503,498	1,693,654	1,729,564	1,927,565	2,130,513
64,800	626,345	294,148	548,373	246,730	405,675	213,750	408,312	410,966	413,637	416,326	419,032	421,756	424,497
0	0	0	0	0	0	0	0	0	0	0	0	0	0
(35,142)	(128,263)	(58,871)	(1,593,491)	152,254	(416,966)	(822,777)	(29,298)	(224,923)	(223,481)	(380,415)	(221,031)	(218,808)	(164,805)
0	0	0	0	0	0	0	0	0	0	0	0	0	0
(7,573)			432,809	626,826	(626,826)								
1,038,726	1,536,808	1,772,085	1,159,776	2,185,586	1,547,469	938,441	1,317,455	1,503,498	1,693,654	1,729,564	1,927,565	2,130,513	2,390,204
1,041,337	1,539,419	1,774,696	729,578	1,128,562	1,374,232	765,205	1,144,219	1,330,262	1,520,418	1,556,328	1,754,329	1,957,276	2,216,968
	1 526 000	1 772 005	1 150 776	0	1 5 4 7 4 6 0	020 444	1 217 155	1 502 400	1 602 6E4	1 720 564	1 027 565	200 610	200.000
	1,536,808	1,772,085	1,159,776	0	1,547,469	938,441	1,317,455	1,503,498	1,693,654	1,729,564	1,927,565	200,610	200,000

Water Improvement Fund

City of Minnetrista Water Improvement Fund Capital Improvement Program

0

CIP Dated October 2, 2017

Projects	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
PROJECTS													
SCADA													
Interconnect Central and Southwest Systems													
Engineering, etc.													
Decentralized Water Treatment Plants:													
Water Treatment Plants/Facilities (PFA)													
Watermain													
Water Tower Southern System	\$400,000	\$2,000,000											
Wells 6 & 7													
Replace Water Department service truck					\$126,000								
Estimated Future													
Actual CIP (2016 Dollars)	\$400.000	\$2,000,000	\$0	\$0	\$126,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

9/25/2017

City of Minnetrista Water Operating Fund Capital Improvement Program

Projects	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
CAPITAL EQUIPMENT													
Line/Pipe Tracer (Reciever & Transmitter Kit)													
Kerf Cutter (Gate valve replacement tool)													1
Replace 2005 Tandem Axle Dump Truck (Truck #13) (1/3 of)		\$66,000											
Hydrant Wrench													
Itron Ert Reader (Hardware & software - meters)	\$18,000				\$30,000								
Other													
Replace 2016 Service Truck					\$126,000								
Generator (New)													
Replace 2000 Katolight 200 KW Generator			\$60,000										
Replace 1997 Ford/New Holland 675E Tractor Backhoe													
(1/3 each - Storm water / Sewer / Water CIP)													
					1							-	
Estimated Future					\$75,000		\$75,000		\$100,000		\$100,000		\$100,000
Lamated i didie					ψ13,000		Ψ13,000		ψ100,000		Ψ100,000		ψ100,000
	#								1		1		
Actual CIP (2016 Dollars)	\$18,000	\$66,000	\$60,000	\$0	\$231,000	\$0	\$75,000	\$0	\$100,000	\$0	\$100,000	\$0	\$100,000