

**D M M W R A**

**Budget for Fiscal 2019-2020**

**WASTEWATER RECLAMATION AUTHORITY**  
Allocation Percentages Based on WRA / WRF Flows  
Fiscal Year 2020

		<u>WRF</u>		<u>WRA</u>	
Operating and Reserve Flows:		Average	WRF	Average	WRA
Community / District		2018*	Percentage <sup>A</sup>	2018*	Percentage <sup>A</sup>
		WRF Flow	Flow	WRA Flow	Flow
Altoona	#	1,040.77	4.299%	1,040.8	4.299%
Ankeny	#	2,464.67	10.180%	2,464.7	10.180%
Bondurant	#	260.13	1.074%	260.1	1.074%
Clive	#	790.93	3.267%	790.9	3.267%
Cumming	#	12.27	0.051%	12.3	0.051%
Des Moines	#	12,103.80	49.997%	12,103.8	49.997%
Greenfield P / HOC SS District	#	121.60	0.502%	121.6	0.502%
Johnston	#	623.00	2.573%	623.0	2.573%
Norwalk	#	431.43	1.782%	431.4	1.782%
Pleasant Hill	#	451.63	1.865%	451.6	1.865%
Polk City	#	119.23	0.492%	119.2	0.492%
Polk County	#	254.43	1.051%	254.4	1.051%
Urbandale San Sewer District	#	1,844.70	7.619%	1,844.7	7.619%
Urb-Windsor Hts San District	#	395.17	1.632%	395.2	1.632%
Waukee	#*	583.93	2.412%	583.9	2.412%
West Des Moines	#	2,712.63	11.204%	2,712.6	11.204%
<b>TOTAL</b>		<b>24,210.3</b>	<b>100.0%</b>	<b>24,210.3</b>	<b>100.0%</b>

- # Represents Communities fully connected to the WRA (WRF system) at 9/30/18.
- \* Represents average flow based on flows from calendar years ending 9/30/2016,2017,2018.
- <sup>A</sup> WRF and WRA budget allocations are computed using these percentages.
- #\* Waukee connected after flows were reviewed in 2018, treated as fully connected beginning with F2019 budget.

Bonded Project Flows:

Core Projects assigned to communities based on the WRA flow percents above

Expansion Projects:

Altoona	1,040.77	10.143%
Ankeny	2,464.67	24.020%
Bondurant	260.13	2.535%
Clive	790.93	7.708%
Cumming	12.27	0.120%
Norwalk	431.43	4.205%
Polk City	119.23	1.162%
Urbandale S S D	1,844.70	17.978%
Waukee	583.93	5.691%
West Des Moines	2,712.63	26.438%
<b>TOTAL</b>	<b>10,260.7</b>	<b>100.0%</b>

Special Allocated Projects:

	ESI P27 Special	SW Div Project:
Altoona		6.247%
Ankeny	63.85%	14.793%
Bondurant		1.561%
Clive		4.747%
Cumming		0.074%
Des Moines		33.332%
Greenfield P / HOC SS District		0.335%
Johnston		1.715%
Norwalk		2.590%
Pleasant Hill		1.243%
Polk City	4.05%	0.715%
Polk County	32.10%	0.701%
Urbandale San Sewer District		11.072%
Urb-Windsor Hts San District		1.088%
Waukee		3.505%
West Des Moines		16.282%
<b>TOTAL</b>		<b>100.0%</b>

P27 is Core + Above Comnty

After a community fully connects, the WRF flow amount will change - it will increase to match the WRA flow.

**WASTEWATER RECLAMATION AUTHORITY**

Net Budget Allocation Summary [C]

Fiscal Year 2020

Recommended

<u>Budget Collections</u>	Fiscal Year 2019 Amended Budget	Fiscal Year 2019 Budget	Fiscal Year 2020 Budget	increase or (decrease)
Community Collections [see below]	46,075,301	46,075,301	49,126,793	3,051,492
<u>Budget Expenditures</u>				
Plant Operations	18,346,424	18,346,424	18,349,147	2,724
Debt Service	23,459,877	23,459,877	26,099,896	2,640,019
CIP / R&R expenditures	4,169,000	4,169,000	4,567,750	398,750
Equipment replacement	100,000	100,000	110,000	10,000
<b>Total Budget</b>	<b>46,075,301</b>	<b>46,075,301</b>	<b>49,126,793</b>	<b>3,051,493</b>

<u>Budget Alloc to each Comnty</u>	Amend F19 Budget Ttl	Last Yr Budget Ttl	This Yr Budget Ttl	increase or (decrease)
Altoona	2,425,124	2,425,124	2,560,366	135,242
Ankeny	7,350,592	7,350,592	7,970,206	619,614
Bondurant	695,097	695,097	780,488	85,391
Clive	1,810,641	1,837,576	1,887,101	49,525
Cumming	31,425	31,425	38,676	7,251
Des Moines	16,452,005	17,280,798	18,680,500	1,399,702
GP HOC	164,259	170,439	192,823	22,384
Johnston	875,999	885,210	1,041,126	155,916
Norwalk <i>includes extra</i>	2,414,400	1,256,795	1,040,615	(216,180)
Pleasant Hill	583,355	608,424	718,838	110,414
Polk City	305,813	305,813	308,128	2,315
Polk County	283,917	347,347	451,977	104,630
USSD	4,028,987	4,101,862	4,395,479	293,617
U W SD	520,679	551,345	605,483	54,138
Waukee	1,842,733	1,842,733	2,001,594	158,861
West Des Moines	6,290,275	6,384,721	6,453,393	68,672
<b>Total Collections</b>	<b>46,075,301</b>	<b>46,075,301</b>	<b>49,126,793</b>	

**Wastewater Reclamation Authority  
Budget Adjustment Computation  
Fiscal Year 2020 / 2018**

	<u>Altoona</u> (Expansion)	<u>Ankeny</u> (Expansion)	<u>Bondurant</u> (Expansion)	<u>Clive</u> (Expansion)	<u>Cumming</u> (Expansion)	<u>Des Moines</u>	<u>Greenfield PHOCSD</u>	<u>Johnston</u>
<b>Operations and Maintenance</b>								
WRF Flows:								
Budget:								
Collected in FY2018, Budget O&M	(792,126)	(1,782,512)	(164,427)	(627,517)	(5,640)	(9,445,682)	(88,943)	(413,252)
Flow Percentage (budget prior year, adjusted):	4.355%	9.800%	0.904%	3.450%	0.031%	51.931%	0.489%	2.272%
Actual:								
Gross O&M Expense	965,930	2,173,619	200,505	765,203	6,876	11,518,186	108,459	503,925
Revenue Offsets	(224,184)	(504,479)	(46,536)	(177,597)	(1,596)	(2,673,273)	(25,172)	(116,957)
<b>Unspent O&amp;M Budget</b>	<b>(50,380)</b>	<b>(113,371)</b>	<b>(10,458)</b>	<b>(39,911)</b>	<b>(360)</b>	<b>(600,769)</b>	<b>(5,656)</b>	<b>(26,284)</b>
<b>O&amp;M Credit Computation</b>								
Amount Due from above actuals	741,746	1,669,141	153,970	587,606	5,280	8,844,912	83,287	386,968
Amount applied during Budget preparation	(71,130)	(163,825)	(11,159)	(63,205)	(294)	(898,294)	(8,146)	(41,984)
Monthly Revenue from Commty's in 2018	(720,996)	(1,618,687)	(153,268)	(564,312)	(5,346)	(8,547,389)	(80,797)	(371,268)
<b>Unused Credits from Commty</b>	<b>(50,380)</b>	<b>(113,371)</b>	<b>(10,458)</b>	<b>(39,911)</b>	<b>(360)</b>	<b>(600,769)</b>	<b>(5,656)</b>	<b>(26,284)</b>

**Fiscal 2018 / Audited revenue for O&M**      Net Collected

Cumming	5,346	
Waukee	34,514	
Altoona	720,996	
Ankeny	1,618,687	
Bondurant	153,268	
Clive	564,312	
CDM	8,547,389	
GPHOC	80,797	
Johnston	371,268	
Norwalk	307,932	
P Hill	269,860	
Polk CITY	100,383	
Polk Co	137,444	
USSD	1,264,133	
UWHSD	262,354	
WDM	2,035,810	
	16,474,492.9	
		18,188,900 2018 Oper net
		(1,714,408) 2018 Oper cred

Norwalk (Expansion)	Pleasant Hill	Polk City (Expansion)	Polk Country	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Budget Totals	
(338,313)	(293,204)	(110,771)	(147,148)	(1,404,546)	(286,657)	(37,286)	(2,250,876)	(18,188,900)	O&M Expense Budget
1.860%	1.612%	0.609%	0.809%	7.722%	1.576%	0.205%	12.375%	100.00%	Flow Percentage:
412,544 (95,748)	357,538 (82,982)	135,075 (31,350)	179,434 (41,645)	1,712,723 (397,509)	349,553 (81,128)	45,469 (10,553)	2,744,749 (637,033)	22,179,788 (5,147,741)	O&M Expense Actual Revenue Offsets
<b>(21,517)</b>	<b>(18,648)</b>	<b>(7,045)</b>	<b>(9,359)</b>	<b>(89,331)</b>	<b>(18,232)</b>	<b>(2,370)</b>	<b>(143,160)</b>	<b>(1,156,853)</b>	(0) <b>O&amp;M Exp Unspent</b>
316,796	274,557	103,725	137,789	1,315,215	268,425	34,916	2,107,716	17,032,047	O&M to be Collected
(30,381) (307,932)	(23,344) (269,860)	(10,388) (100,383)	(9,704) (137,444)	(140,413) (1,264,133)	(24,303) (262,354)	(2,772) (34,514)	(215,066) (2,035,810)	(1,714,408) (16,474,493)	Prior year credit applied Current Payments applied
<b>(21,517)</b>	<b>(18,648)</b>	<b>(7,045)</b>	<b>(9,359)</b>	<b>(89,331)</b>	<b>(18,232)</b>	<b>(2,370)</b>	<b>(143,160)</b>	<b>(1,156,853)</b>	(0) <b>Unused Credit</b>

Collected for O&M

5,346	Cumming
34,514	Waukee
720,996	Altoona
1,618,687	Ankeny
153,268	Bondurant
564,312	Clive
8,547,389	CDM
80,797	GPHOC
371,268	Johnston
307,932	Norwalk
269,860	P Hill
100,383	Polk CITY
137,444	Polk Co
1,264,133	USSD
262,354	UWHSD
2,035,810	WDM
0.88	
16,474,492.9	-

# Operations and Maintenance Budget

**WASTEWATER RECLAMATION AUTHORITY**  
**Operations & Maintenance Budget Summary**  
**Fiscal Year 2020**

	F17 ACTUAL	F18 ACTUAL	F19 BUDGET	F19 AMENDED BUDGET	F20 BUDGET	
<b>Total O&amp;M Expenditures</b>						
Personal Services	10,165,393	10,243,127	11,263,740	11,231,740	11,620,180	
Contractual Services	4,965,961	5,508,782	5,035,464	5,059,464	6,016,620	
Internal Services	989,700	1,190,136	1,010,006	1,068,006	1,144,050	
Travel /Training	68,393	53,585	110,000	110,000	106,000	
Other Charges	3,010,980	2,884,452	2,754,100	2,754,100	2,814,100	
Commodities	2,256,532	1,805,196	2,759,690	2,759,690	2,775,050	
Capital Outlays	491,034	494,510	550,000	550,000	560,000	
<b>Total Expenditures</b>	<b>21,947,993</b>	<b>22,179,788</b>	<b>23,483,000</b>	<b>23,533,000</b>	<b>25,036,000</b>	106.6%
<b>Total O&amp;M Revenue Offsets</b>						
Licenses and Permits	48,280	49,320	39,000	39,000	44,000	
High Strength Surcharge	1,339,752	1,049,370	1,228,000	1,228,000	1,240,000	
Contract Hauler Fees	2,686,719	2,876,391	2,232,500	2,282,500	2,380,000	
Industrial Analysis Fees	102,873	111,293	94,000	94,000	94,000	
Contract Hauler Analysis Fees	84,534	78,825	76,000	76,000	76,000	
Other Pretreatment Charges	208,903	221,061	198,500	198,500	201,000	
	(4,471,061)	(4,386,260)	(3,868,000)	(3,918,000)	(4,035,000)	
Charges for Services	(200,402)	(181,504)	(250,000)	(250,000)	(220,000)	
Interfund Charges (Lab)	(186,998)	(190,088)	(172,000)	(172,000)	(175,000)	
Interfund Charges for CIP	(132,130)	(34,856)	(110,000)	(80,000)	(20,000)	
Other Charges (Gas)	(267,699)	(314,821)	(190,000)	(220,000)	(1,600,000)	
Invested Operating Funds	(14,059)	(40,212)	0	0	0	
<b>Total Revenue Offsets</b>	<b>(5,272,349)</b>	<b>(5,147,741)</b>	<b>(4,590,000)</b>	<b>(4,640,000)</b>	<b>(6,050,000)</b>	
<b>Net O&amp;M Exp to be allocated on WRF flows</b>	<b>16,675,644</b>	<b>17,032,047</b>	<b>18,893,000</b>	<b>18,893,000</b>	<b>18,986,000</b>	100.5%
O&M Exp Collected from Communities	17,447,220	18,188,900	18,893,000	18,893,000	18,986,000	
O&M adjustment for connecting communities						
O&M Expenditures less Revenue Offsets	(16,675,644)	(17,032,047)	(18,893,000)	(18,893,000)	(18,986,000)	
<b>Remaining Credit for next Budget</b>	<b>771,576</b>	<b>1,156,853</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>O&amp;M Working Capital Reserve Calculation</b>			8,026,550	8,044,050	8,566,600	
Cash balance available for WC Reserve					8,046,600	
Increase needed to be compliant					520,000	