

D M M W R A

Budget for Fiscal 2020-2021

WASTEWATER RECLAMATION AUTHORITY
Allocation Percentages Based on WRA / WRF Flows
Fiscal Year 2021

Operating and Reserve Flows: Community / District	<u>WRF</u>		<u>WRA</u>	
	Average 2019* WRF Flow	WRF Percentage ^A Flow	Average 2019* WRA Flow	WRA Percentage ^A Flow
Altoona #	1,029.33	4.054%	1,029.3	4.054%
Ankeny #	2,589.97	10.201%	2,590.0	10.201%
Bondurant #	274.13	1.080%	274.1	1.080%
Clive #	802.73	3.162%	802.7	3.162%
Cumming #	13.17	0.052%	13.2	0.052%
Des Moines #	12,698.27	50.013%	12,698.3	50.013%
Greenfield P / HOC SS District #	143.37	0.565%	143.4	0.565%
Johnston #	675.17	2.659%	675.2	2.659%
Norwalk #	462.67	1.822%	462.7	1.822%
Pleasant Hill #	497.30	1.959%	497.3	1.959%
Polk City #	141.27	0.556%	141.3	0.556%
Polk County #	291.40	1.148%	291.4	1.148%
Urbandale San Sewer District #	1,903.63	7.498%	1,903.6	7.498%
Urb-Windsor Hts San District #	449.60	1.771%	449.6	1.771%
Waukee #	615.00	2.422%	615.0	2.422%
West Des Moines #	2,802.57	11.038%	2,802.6	11.038%
TOTAL	25,389.6	100.0%	25,389.6	100.0%

- # Represents Communities fully connected to the WRA (WRF system) at 9/30/19.
- * Represents average flow based on flows from calendar years ending 9/30/2017,2018,2019.
- ^A WRF and WRA budget allocations are computed using these percentages.

Bonded Project Flows:
Core Projects assigned to communities based on the WRA flow percents above

<u>Expansion Projects:</u>		
Altoona	1,029.33	9.679%
Ankeny	2,589.97	24.354%
Bondurant	274.13	2.578%
Clive	802.73	7.548%
Cumming	13.17	0.124%
Norwalk	462.67	4.351%
Polk City	141.27	1.328%
Urbandale S S D	1,903.63	17.901%
Waukee	615.00	5.783%
West Des Moines	2,802.57	26.354%
TOTAL	10,634.5	100.0%

<u>Special Allocated Projects:</u>	<u>ESI P27 Special</u>	<u>SW Div Project:</u>
Altoona		5.929%
Ankeny	63.85%	14.919%
Bondurant		1.579%
Clive		4.624%
Cumming		0.076%
Des Moines		33.342%
Greenfield P / HOC SS District		0.377%
Johnston		1.773%
Norwalk		2.665%
Pleasant Hill		1.306%
Polk City	4.05%	0.813%
Polk County	32.10%	0.765%
Urbandale San Sewer District		10.966%
Urb-Windsor Hts San District		1.181%
Waukee		3.542%
West Des Moines		16.143%
TOTAL	P27 is Core + Above Comnty	100.0%

WASTEWATER RECLAMATION AUTHORITY

Net Budget Allocation Summary [C]

Fiscal Year 2021

Recommended

<u>Budget Collections</u>	Fiscal Year 2020 Amended Budget	Fiscal Year 2020 Budget	Fiscal Year 2021 Budget	increase or (decrease)
Community Collections [see below]	49,126,793	49,126,793	49,300,109	173,316
<u>Budget Expenditures</u>				
Plant Operations	18,349,147	18,349,147	18,349,708	561
Debt Service	26,099,896	26,099,896	26,630,401	530,505
CIP / R&R expenditures	4,567,750	4,567,750	4,200,000	(367,750)
Equipment replacement	110,000	110,000	120,000	10,000
Total Budget	49,126,793	49,126,793	49,300,109	173,316

<u>Budget Alloc to each Commtty</u>	Amend F20 Budget Ttl	Last Yr Budget Ttl	This Yr Budget Ttl	increase or (decrease)
Altoona	2,560,366	2,560,366	2,405,571	(154,795)
Ankeny	7,970,206	7,970,206	13,064,069	5,093,863
Bondurant	780,488	780,488	796,588	16,100
Clive	1,887,101	1,887,101	1,653,818	(233,283)
Cumming	38,676	38,676	39,901	1,225
Des Moines	18,680,500	18,680,500	13,713,990	(4,966,510)
GP HOC	192,823	192,823	185,303	(7,520)
Johnston	1,041,126	1,041,126	1,026,155	(14,971)
Norwalk	1,040,615	1,040,615	1,016,312	(24,303)
Pleasant Hill	718,838	718,838	608,366	(110,472)
Polk City	308,128	308,128	353,141	45,013
Polk County	451,977	451,977	99,246	(352,731)
USSD	4,395,479	4,395,479	3,864,098	(531,381)
U W SD	605,483	605,483	480,588	(124,895)
Waukee	2,001,594	2,001,594	4,215,218	2,213,624
West Des Moines	6,453,393	6,453,393	5,777,745	(675,648)
Total Collections	49,126,793	49,126,793	49,300,109	

**Wastewater Reclamation Authority
Budget Adjustment Computation
Fiscal Year 2021 / 2019**

	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield PHOCSD	Johnston
Operations and Maintenance								
WRF Flows:								
Budget:								
Collected in FY2019, Budget O&M	(805,598)	(1,851,703)	(188,175)	(633,104)	(7,934)	(9,553,815)	(91,819)	(446,630)
Flow Percentage (budget prior year, adjusted):	4.264%	9.801%	0.996%	3.351%	0.042%	50.568%	0.486%	2.364%
Actual:								
Gross O&M Expense	977,233	2,246,215	228,265	767,990	9,626	11,589,287	111,383	541,787
Revenue Offsets	(261,270)	(600,542)	(61,028)	(205,328)	(2,573)	(3,098,479)	(29,779)	(144,851)
Unspent O&M Budget	(89,635)	(206,030)	(20,938)	(70,442)	(882)	(1,063,007)	(10,215)	(49,694)
O&M Credit Computation								
Amount Due from above actuals	715,963	1,645,673	167,237	562,662	7,052	8,490,808	81,604	396,936
Amount applied during Budget preparation	(33,032)	(75,297)	(5,911)	(27,569)	(186)	(399,689)	(3,903)	(17,623)
Monthly Revenue from Commty's in 2019	(772,566)	(1,776,406)	(182,264)	(605,535)	(7,748)	(9,154,126)	(87,916)	(429,007)
Unused Credits from Commty	(89,635)	(206,030)	(20,938)	(70,442)	(882)	(1,063,007)	(10,215)	(49,694)

Fiscal 2019 / Audited revenue for O&M Net Collected

Cumming	7,748	
Waukee	423,800	
Altoona	772,566	
Ankeny	1,776,406	
Bondurant	182,264	
Clive	605,535	
CDM	9,154,126	
GPHOC	87,916	
Johnston	429,007	
Norwalk	336,736	
P Hill	315,931	
Polk CITY	92,410	
Polk Co	172,843	
USSD	1,361,235	
UWHSD	296,001	
WDM	2,106,900	
	18,121,424.2	
		18,893,000 2019 Oper net
		(771,576) 2019 Oper cred

Norwalk (Expansion)	Pleasant Hill	Polk City (Expansion)	Polk Country	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Budget Totals	
(350,654)	(327,605)	(97,109)	(177,783)	(1,423,209)	(307,767)	(425,282)	(2,204,813)	(18,893,000)	O&M Expense Budget
1.856%	1.734%	0.514%	0.941%	7.533%	1.629%	2.251%	11.670%	100.00%	Flow Percentage:
425,362 (113,724)	397,402 (106,248)	117,800 (31,495)	215,660 (57,658)	1,726,430 (461,573)	373,338 (99,815)	515,889 (137,927)	2,674,557 (715,062)	22,918,223 (6,127,352)	O&M Expense Actual Revenue Offsets
(39,015)	(36,451)	(10,804)	(19,781)	(158,353)	(34,244)	(47,319)	(245,318)	(2,102,129)	(0) O&M Exp Unspent
311,639	291,154	86,305	158,002	1,264,856	273,523	377,963	1,959,495	16,790,871	O&M to be Collected
(13,918) (336,736)	(11,674) (315,931)	(4,699) (92,410)	(4,940) (172,843)	(61,974) (1,361,235)	(11,766) (296,001)	(1,482) (423,800)	(97,913) (2,106,900)	(771,576) (18,121,424)	Prior year credit applied Current Payments applied
(39,015)	(36,451)	(10,804)	(19,781)	(158,353)	(34,244)	(47,319)	(245,318)	(2,102,129)	(0) Unused Credit

Collected for O&M

7,748	Cumming
423,800	Waukee
772,566	Altoona
1,776,406	Ankeny
182,264	Bondurant
605,535	Clive
9,154,126	CDM
87,916	GPHOC
429,007	Johnston
336,736	Norwalk
315,931	P Hill
92,410	Polk CITY
172,843	Polk Co
1,361,235	USSD
296,001	UWHSD
2,106,900	WDM
-	
18,121,424.2	
-	

Operations and Maintenance Budget

WASTEWATER RECLAMATION AUTHORITY
Operations & Maintenance Budget Summary
Fiscal Year 2021

	F17 ACTUAL	F18 ACTUAL	F19 ACTUAL	F20 BUDGET	F20 AMENDED BUDGET	F21 BUDGET	
Total O&M Expenditures							
Personal Services	10,165,393	10,243,127	10,190,153	11,620,180	11,614,180	11,794,483	
Contractual Services	4,965,961	5,508,782	4,733,112	6,016,620	6,022,620	6,616,620	
Internal Services	989,700	1,190,136	1,029,199	1,144,050	1,144,050	1,185,000	
Travel /Training	68,393	53,585	68,707	106,000	106,000	100,000	
Other Charges	3,010,980	2,884,452	4,058,936	2,814,100	2,814,100	2,990,000	
Commodities	2,256,532	1,805,196	2,323,536	2,775,050	2,775,050	2,900,734	
Capital Outlays	491,034	494,510	514,580	560,000	560,000	575,000	
Total Expenditures	21,947,993	22,179,788	22,918,223	25,036,000	25,036,000	26,161,837	104.5%
Total O&M Revenue Offsets							
Licenses and Permits	48,280	49,320	52,280	44,000	44,000	45,000	
High Strength Surcharge	1,339,752	1,049,370	1,174,166	1,240,000	1,240,000	1,239,000	
Contract Hauler Fees	2,686,719	2,876,391	3,638,771	2,380,000	2,380,000	2,440,000	
Industrial Analysis Fees	102,873	111,293	109,325	94,000	94,000	94,000	
Contract Hauler Analysis Fees	84,534	78,825	103,090	76,000	76,000	76,000	
Other Pretreatment Charges	208,903	221,061	216,450	201,000	201,000	201,000	
	(4,471,061)	(4,386,260)	(5,294,082)	(4,035,000)	(4,035,000)	(4,095,000)	
Charges for Services	(200,402)	(181,504)	(214,662)	(220,000)	(220,000)	(220,000)	
Interfund Charges (Lab)	(186,998)	(190,088)	(212,325)	(175,000)	(175,000)	(175,000)	
Interfund Charges for CIP	(132,130)	(34,856)	(60,758)	(20,000)	(20,000)	(20,000)	
Other Charges (Gas)	(267,699)	(314,821)	(277,704)	(1,600,000)	(1,600,000)	(1,600,000)	
Invested Operating Funds	(14,059)	(40,212)	(67,821)	0	0	0	
Total Revenue Offsets	(5,272,349)	(5,147,741)	(6,127,352)	(6,050,000)	(6,050,000)	(6,110,000)	
Net O&M Exp to be allocated on WRF flows	16,675,644	17,032,047	16,790,871	18,986,000	18,986,000	20,051,837	105.6%
O&M Exp Collected from Communities	17,447,220	18,188,900	18,893,000	18,986,000	18,986,000	20,051,837	
O&M adjustment for connecting communities							
O&M Expenditures less Revenue Offsets	(16,675,644)	(17,032,047)	(16,790,871)	(18,986,000)	(18,986,000)	(20,051,837)	
Remaining Credit for next Budget	771,576	1,156,853	2,102,129	0	0	0	
O&M Working Capital Reserve Calculation				8,566,600	8,566,600	8,955,393	
Cash balance available for WC Reserve						8,555,393	
Increase needed to be compliant						400,000	