

D M M W R A

Budget for Fiscal 2018-2019

WASTEWATER RECLAMATION AUTHORITY
Allocation Percentages Based on WRA / WRF Flows
Fiscal Year 2019

WRF

WRA

Operating and Reserve Flows:		Average	WRF	Average	WRA
Community / District		2017*	Percentage ^A	2017*	Percentage ^A
		WRF Flow	Flow	WRA Flow	Flow
Altoona	#	1,062.57	4.264%	1,062.6	4.264%
Ankeny	#	2,442.33	9.801%	2,442.3	9.801%
Bondurant	#	248.23	0.996%	248.2	0.996%
Clive	#	835.10	3.351%	835.1	3.351%
Cumming	#	10.57	0.042%	10.6	0.042%
Des Moines	#	12,600.60	50.568%	12,600.6	50.568%
Greenfield P / HOC SS District	#	121.07	0.486%	121.1	0.486%
Johnston	#	589.10	2.364%	589.1	2.364%
Norwalk	#	462.47	1.856%	462.5	1.856%
Pleasant Hill	#	432.17	1.734%	432.2	1.734%
Polk City	#	128.13	0.514%	128.1	0.514%
Polk County	#	234.37	0.941%	234.4	0.941%
Urbandale San Sewer District	#	1,877.00	7.533%	1,877.0	7.533%
Urb-Windsor Hts San District	#	405.90	1.629%	405.9	1.629%
Waukee	#*	560.87	2.251%	560.9	2.251%
West Des Moines	#	2,907.97	11.670%	2,908.0	11.670%
TOTAL		24,918.4	100.0%	24,918.4	100.0%

- # Represents Communities fully connected to the WRA (WRF system) at 9/30/17.
- * Represents average flow based on flows from calendar years ending 9/30/2015,2016,2017.
- ^A WRF and WRA budget allocations are computed using these percentages.
- #* Waukee is budgeted to connect by July 1, 2018, treated as fully connected beginning with this budget year.

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

Expansion Projects:		
Altoona	1,062.57	10.086%
Ankeny	2,442.33	23.183%
Bondurant	248.23	2.356%
Clive	835.10	7.927%
Cumming	10.57	0.100%
Norwalk	462.47	4.390%
Polk City	128.13	1.216%
Urbandale S S D	1,877.00	17.816%
Waukee	560.87	5.324%
West Des Moines	2,907.97	27.602%
TOTAL	10,535.2	100.0%

Special Allocated Projects:	ESI P27 Special	SW Div Project:
Altoona		6.205%
Ankeny	63.85%	14.262%
Bondurant		1.449%
Clive		4.876%
Cumming		0.061%
Des Moines		33.712%
Greenfield P / HOC SS District		0.324%
Johnston		1.576%
Norwalk		2.701%
Pleasant Hill		1.156%
Polk City	4.05%	0.748%
Polk County	32.10%	0.627%
Urbandale San Sewer District		10.961%
Urb-Windsor Hts San District		1.086%
Waukee		3.275%
West Des Moines		16.981%
TOTAL		100.0%

P27 is Core + Above Comnty

After a community fully connects, the WRF flow amount will change - it will increase to match the WRA flow. This will increase a community's contribution for monthly plant operations and maintenance.

WASTEWATER RECLAMATION AUTHORITY

Net Budget Allocation Summary [C]

Fiscal Year 2019

Recommended

<u>Budget Collections</u>	Fiscal Year 2018 Budget	Fiscal Year 2019 Budget	increase or (decrease)
Community Collections [see below]	43,618,378	46,075,301	2,456,923
<u>Budget Expenditures</u>			
Plant Operations	16,714,491	18,346,424	1,631,934
Debt Service	22,803,887	23,459,877	655,990
CIP / R&R expenditures	4,000,000	4,169,000	169,000
Equipment replacement	100,000	100,000	0
Total Budget	43,618,378	46,075,301	2,456,924

<u>Budget Alloc to each Commtty</u>	Last Yr Budget Ttl	This Yr Budget Ttl	increase or (decrease)
Altoona	2,306,230	2,425,124	118,894
Ankeny	6,661,977	7,350,592	688,615
Bondurant	598,243	695,097	96,854
Clive	1,771,951	1,837,576	65,625
Cumming	23,384	31,425	8,041
Des Moines	16,868,220	17,280,798	412,578
GP HOC	160,924	170,439	9,515
Johnston	775,173	885,210	110,037
Norwalk	1,174,885	1,256,795	81,910
Pleasant Hill	532,689	608,424	75,735
Polk City	326,311	305,813	(20,498)
Polk County	235,348	347,347	111,999
USSD	3,947,369	4,101,862	154,493
U W SD	508,341	551,345	43,004
Waukee	1,349,281	1,842,733	493,452
West Des Moines	6,378,052	6,384,721	6,669
Total Collections	43,618,378	46,075,301	

**Wastewater Reclamation Authority
Budget Adjustment Computation
Fiscal Year 2019 / 2017**

	<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>
Operations and Maintenance								
WRF Flows:								
Budget:								
Collected in FY2017, Budget O&M	(746,916)	(1,702,673)	(133,646)	(623,390)	(4,188)	(9,038,006)	(88,282)	(398,495)
Flow Percentage (budget prior year, adjusted):	4.281%	9.759%	0.766%	3.573%	0.024%	51.802%	0.506%	2.284%
Actual:								
Gross O&M Expense	939,594	2,141,905	168,122	784,202	5,268	11,369,499	111,057	501,292
Revenue Offsets	(225,709)	(514,529)	(40,386)	(188,381)	(1,265)	(2,731,182)	(26,678)	(120,420)
Unspent O&M Budget	(33,032)	(75,297)	(5,911)	(27,569)	(186)	(399,689)	(3,903)	(17,623)
O&M Credit Computation								
Amount Due from above actuals	713,884	1,627,376	127,735	595,821	4,002	8,638,317	84,379	380,872
Amount applied during Budget preparation	(87,668)	(195,459)	(14,559)	(80,478)	-	(1,241,988)	(10,478)	(52,487)
Monthly Revenue from Commty's in 2017	(659,248)	(1,507,214)	(119,087)	(542,912)	(4,188)	(7,796,018)	(77,804)	(346,008)
Unused Credits from Commty	(33,032)	(75,297)	(5,911)	(27,569)	(186)	(399,689)	(3,903)	(17,623)

Fiscal 2017 / Audited revenue for O&M Net Collected

Cumming	4,188	
Waukee	31,786	
Altoona	659,248	
Ankeny	1,507,214	
Bondurant	119,087	
Clive	542,912	
CDM	7,796,018	
GPHOC	77,804	
Johnston	346,008	
Norwalk	276,413	
P Hill	233,462	
Polk CITY	94,670	
Polk Co	101,635	
USSD	1,225,307	
UWHSD	233,144	
WDM	1,944,673	
	15,193,568.8	
		17,447,220 2017 Oper net
		(2,253,651) 2017 Oper cred

Norwalk (Expansion)	Pleasant Hill	Polk City (Expansion)	Polk Country	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Budget Totals	
(314,747)	(263,976)	(106,254)	(111,664)	(1,401,362)	(266,070)	(33,499)	(2,214,052)	(17,447,220)	O&M Expense Budget
1.804%	1.513%	0.609%	0.640%	8.032%	1.525%	0.192%	12.690%	100.00%	Flow Percentage:
395,942 (95,113)	332,073 (79,771)	133,663 (32,109)	140,467 (33,743)	1,762,863 (423,475)	334,707 (80,403)	42,140 (10,123)	2,785,200 (669,061)	21,947,993 (5,272,349)	O&M Expense Actual Revenue Offsets
(13,918)	(11,674)	(4,699)	(4,940)	(61,974)	(11,766)	(1,482)	(97,913)	(771,576)	O&M Exp Unspent
300,829	252,302	101,555	106,724	1,339,388	254,304	32,017	2,116,139	16,675,644	O&M to be Collected
(38,334) (276,413)	(30,514) (233,462)	(11,584) (94,670)	(10,029) (101,635)	(176,055) (1,225,307)	(32,926) (233,144)	(1,713) (31,786)	(269,379) (1,944,673)	(2,253,651) (15,193,569)	Prior year credit applied Current Payments applied
(13,918)	(11,674)	(4,699)	(4,940)	(61,974)	(11,766)	(1,482)	(97,913)	(771,576)	(0) Unused Credit

Collected for O&M

4,188	Cumming
31,786	Waukee
659,248	Altoona
1,507,214	Ankeny
119,087	Bondurant
542,912	Clive
7,796,018	CDM
77,804	GPHOC
346,008	Johnston
276,413	Norwalk
233,462	P Hill
94,670	Polk CITY
101,635	Polk Co
1,225,307	USSD
233,144	UWHSD
1,944,673	WDM
(0.20)	
15,193,568.8	-

Operations and Maintenance Budget

WASTEWATER RECLAMATION AUTHORITY
Operations & Maintenance Budget Summary
Fiscal Year 2019

	F16 ACTUAL	F17 ACTUAL	F18 BUDGET	F18 AMENDED BUDGET	F19 BUDGET	
Total O&M Expenditures						
Personal Services	9,976,316	10,165,393	10,925,060	10,925,060	11,263,740	
Contractual Services	4,145,908	4,965,961	4,829,464	4,954,464	5,035,464	
Internal Services	911,327	989,700	1,020,020	1,020,020	1,010,006	
Travel /Training	71,624	68,393	112,000	112,000	110,000	
Other Charges	3,429,898	3,010,980	2,629,100	2,629,100	2,754,100	
Commodities	2,014,142	2,256,532	2,754,256	2,629,256	2,759,690	
Capital Outlays	405,325	491,034	550,000	550,000	550,000	
Total Expenditures	20,954,540	21,947,993	22,819,900	22,819,900	23,483,000	102.9%
Total O&M Revenue Offsets						
Licenses and Permits	47,260	48,280	38,000	38,000	39,000	
High Strength Surcharge	1,419,028	1,339,752	1,228,000	1,228,000	1,228,000	
Contract Hauler Fees	2,629,987	2,686,719	2,232,500	2,232,500	2,232,500	
Industrial Analysis Fees	101,899	102,873	94,000	94,000	94,000	
Contract Hauler Analysis Fees	88,860	84,534	76,000	76,000	76,000	
Other Pretreatment Charges	214,230	208,903	198,500	198,500	198,500	
	(4,501,264)	(4,471,061)	(3,867,000)	(3,867,000)	(3,868,000)	
Charges for Services	(392,683)	(200,402)	(267,000)	(267,000)	(250,000)	
Interfund Charges (Lab)	(190,769)	(186,998)	(172,000)	(172,000)	(172,000)	
Interfund Charges for CIP	(137,506)	(132,130)	(140,000)	(125,000)	(110,000)	
Other Charges (Gas)	(132,643)	(267,699)	(185,000)	(200,000)	(190,000)	
Invested Operating Funds	(9,790)	(14,059)	0	0	0	
Total Revenue Offsets	(5,364,655)	(5,272,349)	(4,631,000)	(4,631,000)	(4,590,000)	
Net O&M Exp to be allocated on WRF flows	15,589,885	16,675,644	18,188,900	18,188,900	18,893,000	103.9%
O&M Exp Collected from Communities	17,301,350	17,447,220	18,188,900	18,188,900	18,893,000	
O&M adjustment for connecting communities	2,944					
O&M Expenditures less Revenue Offsets	(15,589,885)	(16,675,644)	(18,188,900)	(18,188,900)	(18,893,000)	
Remaining Credit for next Budget	1,714,409	771,576	0	0	0	
O&M Working Capital Reserve Calculation			7,794,465	7,794,465	8,026,550	
Cash balance available for WC Reserve					7,801,550	
Increase needed to be compliant					225,000	