

D M M W R A

Budget for Fiscal 2017-2018

WASTEWATER RECLAMATION AUTHORITY
Allocation Percentages Based on WRA / WRF Flows
Fiscal Year 2018

		<u>WRF</u>		<u>WRA</u>	
Operating and Reserve Flows:		Average	WRF	Average	WRA
Community / District		2016*	Percentage ^A	2016*	Percentage ^A
		WRF Flow	Flow	WRA Flow	Flow
Altoona	#	1,058.97	4.355%	1,059.0	4.266%
Ankeny	#	2,382.87	9.800%	2,382.9	9.600%
Bondurant	#	219.73	0.904%	219.7	0.885%
Clive	#	838.93	3.450%	838.9	3.380%
Cumming	#	7.60	0.031%	7.6	0.031%
Des Moines	#	12,626.17	51.931%	12,626.2	50.865%
Greenfield P / HOC SS District	#	118.93	0.489%	118.9	0.479%
Johnston	#	552.30	2.272%	552.3	2.225%
Norwalk	#	452.20	1.860%	452.2	1.822%
Pleasant Hill	#	392.00	1.612%	392.0	1.579%
Polk City	#	148.00	0.609%	148.0	0.596%
Polk County	#	196.73	0.809%	196.7	0.793%
Urbandale San Sewer District	#	1,877.53	7.722%	1,877.5	7.564%
Urb-Windsor Hts San District	#	383.27	1.576%	383.3	1.544%
F Waukee		49.90	0.205%	558.6	2.250%
West Des Moines	#	3,008.87	12.375%	3,008.9	12.121%
TOTAL		24,314.0	100.0%	24,822.7	100.0%

- # Represents Communities fully connected to the WRA (WRF system) at 9/30/16.
- * Represents average flow based on flows from calendar years ending 9/30/2014,2015,2016.
- ^A WRF budget allocations are computed using these percentages.
- F Flow from meter WAUK.

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

<u>Expansion Projects:</u>			
Altoona		1,058.97	10.034%
Ankeny		2,382.87	22.580%
Bondurant		219.73	2.082%
Clive		838.93	7.949%
Cumming		7.60	0.072%
Norwalk		452.20	4.285%
Polk City		148.00	1.402%
Urbandale S S D		1,877.53	17.791%
Waukee		558.63	5.293%
West Des Moines		3,008.87	28.512%
TOTAL		10,553.3	100.0%

<u>Special Allocated Projects:</u>	<u>ESI P27 Special</u>	<u>SW Div Project:</u>
Altoona		6.189%
Ankeny	63.85%	13.927%
Bondurant		1.284%
Clive		4.903%
Cumming		0.045%
Des Moines		33.909%
Greenfield P / HOC SS District		0.319%
Johnston		1.483%
Norwalk		2.643%
Pleasant Hill		1.053%
Polk City	4.05%	0.865%
Polk County	32.10%	0.529%
Urbandale San Sewer District		10.973%
Urb-Windsor Hts San District		1.029%
Waukee		3.264%
West Des Moines		17.585%
TOTAL		100.0%

P27 is Core + Above Commty

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 2018

Recommended

Budget Collections	Fiscal Year 2017 Budget	Fiscal Year 2018 Budget	increase or (decrease)
Community Collections [see below]	41,567,650	43,618,380	2,050,730
Budget Expenditures			
Plant Operations	15,293,569	16,714,491	1,420,922
Debt Service	21,685,831	22,803,887	1,118,056
CIP / R&R expendiures	4,080,000	4,000,000	(80,000)
Equipment replacement	100,000	100,000	0
Equip, Ins, Misc & Phase 27 seg 1A *	408,250	0	(408,250)
Supplemental Ins. Reserve	0	0	0
Total Budget	41,567,650	43,618,378	2,050,728

* Funding for P27 segment 1A construction collected F2017.

Funding for other P27 segments was obtained 12/2016.

Budget Alloc to each Commty	Last Yr Budget Ttl	This Yr Budget Ttl	increase or (decrease)
Altoona	2,182,394	2,306,230	123,836
Ankeny	6,330,421	6,661,977	331,556
Bondurant	495,663	598,243	102,580
Clive	1,767,198	1,771,951	4,753
Cumming	18,790	23,384	4,594
Des Moines	15,808,224	16,868,220	1,059,996
GP HOC	159,894	160,924	1,030
Johnston	734,152	775,173	41,021
Norwalk	1,090,675	1,174,885	84,210
Pleasant Hill	471,965	532,689	60,724
Polk City	314,044	326,311	12,267
Polk County	150,601	235,348	84,747
USSD	3,965,587	3,947,369	(18,218)
U W SD	464,238	508,341	44,103
Waukee	1,296,917	1,349,281	52,364
West Des Moines	6,316,887	6,378,052	61,165
Total Collections	41,567,650	43,618,378	

**Wastewater Reclamation Authority
Budget Adjustment Computation
Fiscal Year 2018 / 2016**

	<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 FY2016, Budget O&M	(717,487)	(1,652,971)	(112,805)	(638,939)	(2,944)	(9,068,330)	(82,354)	(422,845)
Flow Percentage (budget prior year, adjusted):	4.146%	9.552%	0.652%	3.693%	0.017%	52.406%	0.476%	2.443%
City Cumming connected after budget adopted								
Actual:								
Gross O&M Expense	868,775	2,001,578	136,624	773,851	3,562	10,981,436	99,744	511,919
Revenue Offsets	(222,419)	(512,432)	(34,978)	(198,117)	(912)	(2,811,401)	(25,536)	(131,059)
Unspent O&M Budget	(71,130)	(163,825)	(11,159)	(63,205)	(294)	(898,295)	(8,146)	(41,984)
O&M Credit Computation								
Amount Due from above actuals	646,357	1,489,146	101,646	575,734	2,650	8,170,035	74,208	380,861
Amount applied during Budget preparation	(89,890)	51,287	(2,955)	(82,315)	-	(1,431,366)	(10,645)	(52,152)
Monthly Revenue from Commtys in 2016	(627,597)	(1,704,258)	(109,850)	(556,624)	(2,944)	(7,636,964)	(71,709)	(370,693)
Unused Credits from Commtys	(71,130)	(163,825)	(11,159)	(63,205)	(294)	(898,295)	(8,146)	(41,984)

<u>Fiscal 2016 / Audited revenue for O&M</u>	Net Collected	
Cumming	2,944	
Waukee	27,207	
Altoona	627,597	
Ankeny	1,704,258	
Bondurant	109,850	
Clive	556,624	
CDM	7,636,964	
GPHOC	71,709	
Johnston	370,693	
Norwalk	263,668	
P Hill	203,403	
Polk CITY	131,011	
Polk Co	87,148	
USSD	1,229,328	
UWHSD	209,585	
WDM	1,892,886	
	15,124,874.8	
		2,944 additional Cumming
		17,301,350 2016 Oper net
		(2,179,419) 2016 Oper cred

Norwalk (Expansion)	Pleasant Hill	Polk City (Expansion)	Polk Country	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Budget Totals	
(305,542)	(235,990)	(105,019)	(98,099)	(1,416,289)	(245,679)	(28,028)	(2,170,973)	(17,304,294)	O&M Expense Budget
1.765%	1.364%	0.607%	0.567%	8.184%	1.420%	0.162%	12.546%	100.00%	Flow Percentage:
								-	
369,848 (94,686)	285,820 (73,174)	127,194 (32,563)	118,812 (30,418)	1,714,920 (439,043)	297,554 (76,178)	33,946 (8,691)	2,628,957 (673,050)	20,954,540 (5,364,655)	O&M Expense Actual Revenue Offsets
(30,381)	(23,344)	(10,388)	(9,704)	(140,413)	(24,303)	(2,772)	(215,066)	(1,714,409)	O&M Exp Unspent
275,161	212,646	94,631	88,395	1,275,876	221,376	25,256	1,955,907	15,589,885	O&M to be Collected
(41,874) (263,668)	(32,587) (203,403)	25,992 (131,011)	(10,951) (87,148)	(186,961) (1,229,328)	(36,094) (209,585)	(821) (27,207)	(278,087) (1,892,886)	(2,179,419) (15,124,875)	Prior year credit applied Current Payments applied
(30,381)	(23,344)	(10,388)	(9,704)	(140,413)	(24,303)	(2,772)	(215,066)	(1,714,409)	(0) Unused Credit

Collected for O&M

2,944	Cumming
27,207	Waukee
627,597	Altoona
1,704,258	Ankeny
109,850	Bondurant
556,624	Clive
7,636,964	CDM
71,709	GPHOC
370,693	Johnston
263,668	Norwalk
203,403	P Hill
131,011	Polk CITY
87,148	Polk Co
1,229,328	USSD
209,585	UWHSD
1,892,886	WDM
2,943.80	
(additional collection for early connection)	
15,124,874.8	-

Operations and Maintenance Budget

WASTEWATER RECLAMATION AUTHORITY
Operations & Maintenance Budget Summary
Fiscal Year 2018

	F15 ACTUAL	F16 ACTUAL	F17 BUDGET	F17 AMENDED BUDGET	F18 BUDGET	
Total O&M Expenditures						
Personal Services	9,543,126	9,976,316	10,624,810	10,607,810	10,925,060	
Contractual Services	4,127,604	4,145,908	4,695,009	4,778,759	4,829,464	
Internal Services	929,826	911,327	1,029,020	978,431	1,020,020	
Travel /Training	51,541	71,624	115,000	115,000	112,000	
Other Charges	2,880,672	3,429,898	2,434,100	2,519,100	2,629,100	
Commodities	2,024,806	2,014,142	2,679,281	2,602,300	2,754,256	
Capital Outlays	453,928	405,325	420,000	420,000	550,000	
Total Expenditures	20,011,503	20,954,540	21,997,220	22,021,400	22,819,900	103.7%
Total O&M Revenue Offsets						
Licenses and Permits	47,980	47,260	36,000	36,000	38,000	
High Strength Surcharge	1,372,789	1,419,028	1,220,000	1,220,000	1,228,000	
Contract Hauler Fees	2,245,682	2,629,987	2,110,000	2,230,000	2,232,500	
Industrial Analysis Fees	97,884	101,899	92,000	92,000	94,000	
Contract Hauler Analysis Fees	75,588	88,860	72,000	74,000	76,000	
Other Pretreatment Charges	199,863	214,230	185,000	191,180	198,500	
	(4,039,786)	(4,501,264)	(3,715,000)	(3,843,180)	(3,867,000)	
Charges for Services	(378,364)	(392,683)	(275,000)	(211,000)	(267,000)	
Interfund Charges (Lab)	(153,192)	(190,769)	(170,000)	(170,000)	(172,000)	
Interfund Charges for CIP	(216,690)	(137,506)	(190,000)	(150,000)	(140,000)	
Other Charges (Gas)	(172,903)	(132,643)	(200,000)	(200,000)	(185,000)	
Invested Operating Funds	(2,870)	(9,790)	0	0	0	
Total Revenue Offsets	(4,963,805)	(5,364,655)	(4,550,000)	(4,574,180)	(4,631,000)	
Net O&M Exp to be allocated on WRF flows	15,047,698	15,589,885	17,447,220	17,447,220	18,188,900	4.3%
O&M Exp Collected from Communities	17,301,350	17,301,350	17,447,220	17,447,220	18,188,900	
O&M adjustment for connecting communities		2,944				
O&M Expenditures less Revenue Offsets	(15,047,698)	(15,589,885)	(17,447,220)	(17,447,220)	(18,188,900)	
Remaining Credit for next Budget	2,253,652	1,714,409	0	0	0	
O&M Working Capital Reserve Calculation			7,552,027	7,560,490	7,794,465	
Cash balance available for WC Reserve					7,554,465	
Increase needed to be compliant					240,000	