

WASTEWATER RECLAMATION AUTHORITY

Debt Service Summary

Fiscal Year 2017 18

AMENDED			
Budget	2017	Budget	2018

SRF Interest includes fees

Principal F16

Principal F17

Interest

Principal

Interest

2016 Prin Bal & Prin Paid

New SRF Bond Issues

2010C	Digester	17,807,583	938,000	968,000	577,000	999,000	545,038
2010C		1,996,000	1,000	1,000	45,470	1,000	45,837
2011A	P17 s2 s7 +	56,046,000	1,360,000	1,404,000	1,821,495	1,450,000	1,775,865
2012C	P17 s3/4 +	17,221,000	395,000	408,000	559,682	421,000	546,422
2012D	P17 s5/6 a	6,537,000	159,000	164,000	212,453	169,000	207,123
2013A	P17 s5/6 b	7,422,000	177,000	182,000	222,660	188,000	217,200
2014A	P17 s8	1,651,000	75,000	77,000	33,020	79,000	31,480
2015B	P17 s3/4 +	314,732	16,000	16,000	6,780	16,000	6,460
2016 a	P17 s2 s7 +	5,183,408	435,000	331,000	150,482	338,000	144,680

Core Subtotal 114,178,723 3,556,000 3,551,000 3,629,042 3,661,000 3,520,105

2008B		5,633,000	169,000	174,000	183,072	179,000	177,418
2008D		2,192,000	68,000	70,000	71,240	72,000	68,965
2009B		7,236,000	210,000	216,000	235,170	223,000	228,150
2009C		7,925,000	230,000	237,000	257,565	245,000	249,860
2010B		6,204,000	169,000	175,000	201,630	180,000	195,942
2011B		14,460,000	375,000	387,000	473,525	399,000	457,948
2012B		2,588,000	63,000	65,000	84,110	67,000	81,997
2012E		11,639,474	280,000	289,000	352,409	297,000	341,740
2012F		1,362,000	33,000	33,000	40,860	34,000	39,870
2014C		4,548,880	236,000	241,000	103,259	246,000	98,440
2015C		1,534,000	66,000	67,000	30,680	82,000	16,030
2016E	So Tier S 22			52,000	2,240	27,000	10,766

Expansion Subtotal 65,322,354 1,899,000 2,006,000 2,035,760 2,051,000 1,967,126

2008A		14,157,000	423,000	436,000	460,100	449,000	445,932
2010A		7,534,000	205,000	212,000	244,855	219,000	237,965
2011C		8,741,000	225,000	232,000	284,082	239,000	276,542
2011D Amend Sponsor		14,553,476	372,000	382,000	390,393	392,000	380,398
2012G Amend Sponsor		23,602,000	597,000	611,000	535,765	625,000	521,896
2014D		5,736,000	263,000	268,000	114,720	273,000	109,360
2015A		7,869,287	383,000	390,000	178,340	433,000	85,111

SW Subtotal 82,192,763 2,468,000 2,531,000 2,208,255 2,630,000 2,057,204

Future Core Projects:

Future Core Subtotal 0 104,370 0 450,000

(New) SRF Bond Issue Total 261,693,840 7,923,000 8,088,000 7,977,427 8,342,000 7,994,435

2004B/2013B Bond Issue 52,405,000
 2004B/2013B Subtotal 1,765,000 1,815,000 1,834,275 1,860,000 1,779,825

2006/2015E Bond Issue 0
 2006 Subtotal 935,000 0 0 0 0

2006/2015E Bond Issue 31,865,000
 2015E Subtotal 155,000 1,075,000 1,138,544 1,125,000 1,084,794

2016 Bond Core+ Special Comnty
 2016F Subtotal \$40 M 0 100,000 0 562,464

Bond Issue Total for Projects 10,778,000 10,978,000 11,050,246 11,327,000 11,421,518

(Prior) Bond Issue Total 868,000 1,237,000 425,000 15,604 443,000 7,962

12,015,000 Prin Pd F16 346,831,840 Debt Bal 6/30/16 Budget Debt Service 11,403,000 22,468,850 11,770,000 23,199,480

WASTEWATER RECLAMATION AUTHORITY
Debt Service for New Money / SRF Borrowings 2011-2016
Fiscal Year 2018

	Debt Servicing								
	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield Plaza	Johnston	Norwalk (Expansion)
2011+ / New Core SRF									
Percentage	4.266%	9.600%	0.885%	3.380%	0.031%	50.865%	0.479%	2.225%	1.822%
Principal	113,518	255,456	23,550	89,942	825	1,353,518	12,746	59,207	48,483
Interest	124,961	281,206	25,924	99,008	908	1,489,953	14,031	65,175	53,371
Gross Principal and Interest Estimate	238,479	536,662	49,474	188,950	1,733	2,843,470	26,777	124,383	101,854
Net Debt Service	238,479	536,662	49,474	188,950	1,733	2,843,470	26,777	124,383	101,854
2011+ / New Expansion SRF									
Percentage	10.034%	22.580%	2.082%	7.949%	0.072%	0.000%	0.000%	0.000%	4.285%
Principal	115,592	260,122	23,985	91,572	829	0	0	0	49,363
Interest	105,035	236,365	21,794	83,209	754	0	0	0	44,855
Gross Principal and Interest Estimate	220,627	496,487	45,779	174,782	1,583	0	0	0	94,218
Net Debt Service	220,627	496,487	45,779	174,782	1,583	0	0	0	94,218
2011+ / New SW Area SRF									
Percentage	6.189%	13.927%	1.284%	4.903%	0.045%	33.909%	0.319%	1.483%	2.643%
Principal	121,428	273,248	25,192	96,197	883	665,295	6,259	29,096	51,856
Interest	84,994	191,260	17,633	67,333	618	465,675	4,381	20,366	36,297
Gross Principal and Interest Estimate	206,422	464,508	42,825	163,530	1,501	1,130,969	10,640	49,463	88,152
Net Debt Service	206,422	464,508	42,825	163,530	1,501	1,130,969	10,640	49,463	88,152
Debt Service for SRF's	665,528	1,497,657	138,078	527,262	4,817	3,974,440	37,417	173,845	284,224
Budget Adjustments (none)									
Estimate for 2011 and future issues	665,528	1,497,657	138,078	527,262	4,817	3,974,440	37,417	173,845	284,224
Reserve Interest Earnings									
Core	0	0	0	0	0	0	0	0	0
Expansion	0	0	0	0	0	0	0	0	0
SW	0	0	0	0	0	0	0	0	0
Net Debt Service or Surcharge	665,528	1,497,657	138,078	527,262	4,817	3,974,440	37,417	173,845	284,224

Pleasant Hill	Polk City (Expansion)	Polk County	USSD (Expansion)	UWHSD	Waukeee (Expansion)	West Des Moines (Expansion)	Total \$	Debt Issue 2011-2014
1.579%	0.596%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Core Borrowings
42,017	15,860	21,102	201,278	41,086	59,873	322,540	2,661,000	Percentage
46,253	17,458	23,229	221,567	45,227	65,908	355,052	2,929,230	Principal
88,270	33,318	44,331	422,845	86,313	125,780	677,592	5,590,230	Interest & Servicing
88,270	33,318	44,331	422,845	86,313	125,780	677,592	5,590,230	Gross Principal and Interest
								Net Debt Service
0.000%	1.402%	0.000%	17.791%	0.000%	5.293%	28.512%	100.0%	Expansion Borrowings
0	16,151	0	204,952	0	60,975	328,458	1,152,000	Percentage
0	14,676	0	186,235	0	55,407	298,461	1,046,791	Principal
0	30,827	0	391,187	0	116,382	626,919	2,198,791	Interest & Servicing
0	30,827	0	391,187	0	116,382	626,919	2,198,791	Gross Principal and Interest
								Net Debt Service
1.053%	0.865%	0.529%	10.973%	1.029%	3.264%	17.585%	100.0%	SW Area Borrowings
20,660	16,971	10,379	215,290	20,189	64,040	345,018	1,962,000	Percentage
14,461	11,879	7,265	150,693	14,131	44,825	241,496	1,373,307	Principal
35,121	28,850	17,644	365,983	34,320	108,864	586,514	3,335,307	Interest & Servicing
35,121	28,850	17,644	365,983	34,320	108,864	586,514	3,335,307	Gross Principal and Interest
								Net Debt Service
123,391	92,995	61,974	1,180,015	120,633	351,027	1,891,025	11,124,328	Estimated Debt Service
								Budget Adjustments (none)
123,391	92,995	61,974	1,180,015	120,633	351,027	1,891,025	11,124,328	SRF Debt Service Collection
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 TII Interest
123,391	92,995	61,974	1,180,015	120,633	351,027	1,891,025	11,124,328	Net Debt Service
								5,775,000 Principal
								5,349,328 Interest on New SRF

WASTEWATER RECLAMATION AUTHORITY

Debt Service for New Money / SRF Borrowings prior to Polk City joining WRA
Fiscal Year 2018

	Debt Servicing								
	Polk City Surcharge	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield Plaza	Johnston
2008-2010 / New Core SRF									
Percentage	0.596%	4.266%	9.600%	0.885%	3.380%	0.031%	50.865%	0.479%	2.225%
Principal	5,960	42,660	96,000	8,850	33,800	310	508,650	4,790	22,250
Interest	3,522	25,207	56,724	5,229	19,972	183	300,549	2,830	13,147
Gross Principal and Interest Estimate	9,482	67,867	152,724	14,079	53,772	493	809,199	7,620	35,397
Net Debt Service	9,482	67,867	152,724	14,079	53,772	493	809,199	7,620	35,397
2008-2010 / New Expansion SRF									
Percentage	1.402%	10.034%	22.580%	2.082%	7.949%	0.072%	0.000%	0.000%	0.000%
Principal	12,604	90,206	202,994	18,717	71,462	647	0	0	0
Interest	12,903	92,346	207,812	19,161	73,157	663	0	0	0
Gross Principal and Interest Estimate	25,507	182,552	410,806	37,879	144,619	1,310	0	0	0
Net Debt Service	25,507	182,552	410,806	37,879	144,619	1,310	0	0	0
2008-2010 / New SW Area SRF									
Percentage	0.865%	6.189%	13.927%	1.284%	4.903%	0.045%	33.909%	0.319%	1.483%
Principal	5,778	41,343	93,032	8,577	32,752	301	226,512	2,131	9,906
Interest	5,916	42,326	95,246	8,781	33,531	308	231,903	2,182	10,142
Gross Principal and Interest Estimate	11,694	83,669	188,279	17,358	66,284	608	458,415	4,313	20,049
Net Debt Service	11,694	83,669	188,279	17,358	66,284	608	458,415	4,313	20,049
Debt Service for SRF's	46,683	334,088	751,809	69,316	264,674	2,411	1,267,613	11,933	55,446
Budget Adjustments (none)									
Net Debt Service or Surcharge	46,683	334,088	751,809	69,316	264,674	2,411	1,267,613	11,933	55,446

Included on this allocations are: 2008A B D 2009 B C 2010 A B C

Norwalk (Expansion)	Pleasant Hill	Polk County	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Total \$	Debt Issue 2008-2010
1.822%	1.579%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Core Borrowings
18,220	15,790	7,930	75,640	15,440	22,500	121,210	1,000,000	Percentage
10,766	9,330	4,686	44,694	9,123	13,295	71,620	590,875	Principal
28,986	25,120	12,616	120,334	24,563	35,795	192,830	1,590,875	Interest & Servicing
28,986	25,120	12,616	120,334	24,563	35,795	192,830	1,590,875	Gross Principal and Interest
								Net Debt Service
4.285%	0.000%	0.000%	17.791%	0.000%	5.293%	28.512%	100.0%	Expansion Borrowings
38,522	0	0	159,941	0	47,584	256,323	899,000	Percentage
39,436	0	0	163,737	0	48,713	262,406	920,335	Principal
77,959	0	0	323,678	0	96,297	518,729	1,819,335	Interest & Servicing
77,959	0	0	323,678	0	96,297	518,729	1,819,335	Gross Principal and Interest
								Net Debt Service
2.643%	1.053%	0.529%	10.973%	1.029%	3.264%	17.585%	100.0%	SW Area Borrowings
17,655	7,034	3,534	73,300	6,874	21,804	117,468	668,000	Percentage
18,075	7,201	3,618	75,044	7,037	22,322	120,263	683,897	Principal
35,731	14,235	7,152	148,344	13,911	44,126	237,731	1,351,897	Interest & Servicing
35,731	14,235	7,152	148,344	13,911	44,126	237,731	1,351,897	Gross Principal and Interest
								Net Debt Service
142,675	39,355	19,767	592,355	38,474	176,218	949,290	4,762,107	Estimated Debt Service
								Budget Adjustments (none)
142,675	39,355	19,767	592,355	38,474	176,218	949,290	4,762,107	Net Debt Service
								2,567,000 Principal
								2,195,107 Interest on New SRF

Pleasant Hill	Polk City (Expansion)	Polk County	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Total \$	Debt Issue 2016x ESI
1.579%	0.596%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Core Borrowings
0	0	0	0	0	0	0	0	Percentage
6,972	2,632	3,501	33,398	6,817	9,935	53,518	441,534	Principal
6,972	2,632	3,501	33,398	6,817	9,935	53,518	441,534	Interest & Servicing
								Gross Principal and Interest
	4.050%	32.100%					100.0%	Special Commtly Funding
	0	0					0	Percentage
	4,898	38,818					120,930	Principal
	4,898	38,818					120,930	Interest & Servicing
								Gross Principal and Interest
							441,534	78.50%
							120,930	21.50%
							562,464	anticipated Interest P27
1.579%	0.596%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Percentage
0	0	0	0	0	0	0	0	Principal
3,158	1,192	1,586	15,128	3,088	4,500	24,242	200,000	Interest & Servicing
3,158	1,192	1,586	15,128	3,088	4,500	24,242	200,000	Gross Principal and Interest
1.579%	0.596%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Percentage
0	0	0	0	0	0	0	0	Principal
3,948	1,490	1,983	18,910	3,860	5,625	30,303	250,000	Interest & Servicing
3,948	1,490	1,983	18,910	3,860	5,625	30,303	250,000	Gross Principal and Interest
14,077	10,211	45,888	67,436	13,765	20,060	108,063	1,012,464	Subtotal Net Debt Service
								Budget Adjustments (none)
14,077	10,211	45,888	67,436	13,765	20,060	108,063	1,012,464	2016 17 18 Debt Service Allocation
								adjustments (none)
14,077	10,211	45,888	67,436	13,765	20,060	108,063	1,012,464	Net Debt Service

WASTEWATER RECLAMATION AUTHORITY
Debt Service for 2015E / Refunding of 2006
Fiscal Year 2018

	Debt Servicing								
	Altoona <i>(Expansion)</i>	Ankeny <i>(Expansion)</i>	Bondurant <i>(Expansion)</i>	Clive <i>(Expansion)</i>	Cumming <i>(Expansion)</i>	Des Moines	Greenfield Plaza	Johnston	Norwalk <i>(Expansion)</i>
2015e / Core Refunding									
Percentage	4.266%	9.600%	0.885%	3.380%	0.031%	50.865%	0.479%	2.225%	1.822%
Principal	12,607	28,370	2,615	9,989	92	150,317	1,416	6,575	5,384
Interest	12,076	27,175	2,505	9,568	88	143,987	1,356	6,298	5,158
Gross Principal and Interest Estimate	24,683	55,545	5,121	19,557	179	294,304	2,771	12,874	10,542
Reserve Interest Income	(296)	(667)	(61)	(235)	(2)	(3,533)	(33)	(155)	(127)
Net Debt Service	24,387	54,879	5,059	19,322	177	290,771	2,738	12,719	10,416
2015e / Expansion Refunding									
Percentage	10.034%	22.580%	2.082%	7.949%	0.072%	0.000%	0.000%	0.000%	4.285%
Principal	35,269	79,367	7,318	27,940	253	0	0	0	15,061
Interest	33,947	76,392	7,044	26,893	244	0	0	0	14,497
Gross Principal and Interest Estimate	69,215	155,759	14,362	54,833	497	0	0	0	29,558
Reserve Interest Income	(833)	(1,874)	(173)	(660)	(6)	0	0	0	(356)
Net Debt Service	68,383	153,885	14,189	54,173	491	0	0	0	29,203
2015e / SW Area Refunding									
Percentage	6.189%	13.927%	1.284%	4.903%	0.045%	33.909%	0.319%	1.483%	2.643%
Principal	29,582	66,569	6,137	23,436	215	162,080	1,525	7,089	12,633
Interest	28,680	64,538	5,950	22,721	209	157,135	1,478	6,872	12,248
Gross Principal and Interest Estimate	58,263	131,107	12,087	46,156	424	319,215	3,003	13,961	24,881
Reserve Interest Income	(704)	(1,584)	(146)	(558)	(5)	(3,857)	(36)	(169)	(301)
Net Debt Service	57,559	129,523	11,941	45,599	419	315,358	2,967	13,792	24,580
Subtotal of Net Debt Service	150,328	338,286	31,189	119,093	1,086	606,129	5,705	26,511	64,198
DS for 2015E issue (gross)	152,161	342,411	31,570	120,546	1,100	613,519	5,775	26,835	64,981
Reserve Interest Earnings									
Core	(296)	(667)	(61)	(235)	(2)	(3,533)	(33)	(155)	(127)
Expansion	(833)	(1,874)	(173)	(660)	(6)	0	0	0	(356)
SW	(704)	(1,584)	(146)	(558)	(5)	(3,857)	(36)	(169)	(301)
Net Debt Service Collection	150,328	338,286	31,189	119,093	1,086	606,129	5,705	26,511	64,198

Pleasant Hill	Polk City (Expansion)	Polk County	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Total \$	Debt Issue 2015E
1.579%	0.596%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Core Borrowings
4,666	1,761	2,343	22,353	4,563	6,649	35,820	295,522	Percentage
4,470	1,687	2,245	21,412	4,371	6,369	34,312	283,076	Principal
9,136	3,448	4,588	43,765	8,934	13,018	70,132	578,598	Interest & Servicing
(110)	(41)	(55)	(525)	(107)	(156)	(842)	(6,945)	Gross Principal and Interest
9,026	3,407	4,533	43,240	8,826	12,862	69,290	571,653	Reserve Interest Income
								Net Debt Service
0.000%	1.402%	0.000%	17.791%	0.000%	5.293%	28.512%	100.0%	Expansion Borrowings
0	4,928	0	62,534	0	18,605	100,218	351,493	Percentage
0	4,743	0	60,190	0	17,907	96,460	338,315	Principal
0	9,671	0	122,724	0	36,512	196,678	689,808	Interest & Servicing
0	(116)	0	(1,477)	0	(439)	(2,366)	(8,300)	Gross Principal and Interest
0	9,555	0	121,247	0	36,072	194,312	681,508	Reserve Interest Income
								Net Debt Service
1.053%	0.865%	0.529%	10.973%	1.029%	3.264%	17.585%	100.0%	SW Area Borrowings
5,033	4,135	2,529	52,449	4,918	15,601	84,054	477,985	Percentage
4,880	4,008	2,451	50,849	4,768	15,125	81,489	463,403	Principal
9,913	8,143	4,980	103,299	9,687	30,727	165,543	941,388	Interest & Servicing
(120)	(98)	(60)	(1,248)	(117)	(371)	(2,000)	(11,375)	Gross Principal and Interest
9,793	8,045	4,920	102,050	9,570	30,356	163,543	930,013	Reserve Interest Income
								Net Debt Service
18,819	21,006	9,453	266,537	18,396	79,290	427,144	2,183,174	Subtotal Net Debt Service
19,049	21,263	9,568	269,787	18,620	80,257	432,353	2,209,794	2015E Debt Service Allocation
(110)	(41)	(55)	(525)	(107)	(156)	(842)	(6,945)	
0	(116)	0	(1,477)	0	(439)	(2,366)	(8,300)	
(120)	(98)	(60)	(1,248)	(117)	(371)	(2,000)	(11,375)	
18,819	21,006	9,453	266,537	18,396	79,290	427,144	2,183,174	Net Debt Service
								17300 2017 budget
								26,620 17300
								1,125,000 Principal
								1,084,794 Interest on 2015E

WASTEWATER RECLAMATION AUTHORITY
Debt Service for 2013B / Refunding of 2004B
Fiscal Year 2018

	Debt Servicing								
	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield Plaza	Johnston	Norwalk (Expansion)
2013b / Core Refunding									
Percentage	4.266%	9.600%	0.885%	3.380%	0.031%	50.865%	0.479%	2.225%	1.822%
Principal	43,970	98,947	9,122	34,838	320	524,266	4,937	22,933	18,779
Interest	36,801	82,816	7,635	29,158	267	438,797	4,132	19,194	15,718
Gross Principal and Interest Estimate	80,771	181,764	16,756	63,996	587	963,063	9,069	42,127	34,497
Reserve Interest Income	(897)	(2,018)	(186)	(710)	(7)	(10,692)	(101)	(468)	(383)
Net Debt Service	79,874	179,746	16,570	63,285	580	952,371	8,969	41,660	34,114
2013b / Expansion Refunding									
Percentage	10.034%	22.580%	2.082%	7.949%	0.072%	0.000%	0.000%	0.000%	4.285%
Principal	56,703	127,601	11,766	44,920	407	0	0	0	24,215
Interest	62,698	141,092	13,010	49,670	450	0	0	0	26,775
Gross Principal and Interest Estimate	119,401	268,694	24,775	94,590	857	0	0	0	50,990
Reserve Interest Income	(1,480)	(3,331)	(307)	(1,172)	(11)	0	0	0	(632)
Net Debt Service	117,921	265,363	24,468	93,418	846	0	0	0	50,358
2013b / SW Area Refunding									
Percentage	6.189%	13.927%	1.284%	4.903%	0.045%	33.909%	0.319%	1.483%	2.643%
Principal	16,351	36,794	3,392	12,953	119	89,585	843	3,918	6,983
Interest	18,090	40,709	3,753	14,331	132	99,116	932	4,335	7,725
Gross Principal and Interest Estimate	34,441	77,503	7,145	27,285	250	188,701	1,775	8,253	14,708
Reserve Interest Income	(427)	(961)	(89)	(338)	(3)	(2,340)	(22)	(102)	(182)
Net Debt Service	34,014	76,542	7,057	26,946	247	186,361	1,753	8,150	14,526
Subtotal of Net Debt Service	231,810	521,650	48,095	183,650	1,674	1,138,732	10,722	49,810	98,998
DS for 2013B issue (gross)	234,613	527,960	48,677	185,871	1,694	1,151,763	10,844	50,380	100,195
Reserve Interest Earnings									
Core	(897)	(2,018)	(186)	(710)	(7)	(10,692)	(101)	(468)	(383)
Expansion	(1,480)	(3,331)	(307)	(1,172)	(11)	0	0	0	(632)
SW	(427)	(961)	(89)	(338)	(3)	(2,340)	(22)	(102)	(182)
Net Debt Service Collection	231,810	521,650	48,095	183,650	1,674	1,138,732	10,722	49,810	98,998

Pleasant Hill	Polk City (Expansion)	Polk County	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	Total \$	Debt Issue 2013B
1.579%	0.596%	0.793%	7.564%	1.544%	2.250%	12.121%	100.0%	Core Borrowings
16,275	6,143	8,173	77,962	15,914	23,191	124,931	1,030,701	Percentage
13,622	5,142	6,841	65,252	13,320	19,410	104,564	862,669	Principal
29,896	11,284	15,014	143,215	29,234	42,601	229,495	1,893,370	Interest & Servicing
(332)	(125)	(167)	(1,590)	(325)	(473)	(2,548)	(21,020)	Gross Principal and Interest
29,564	11,159	14,848	141,625	28,909	42,128	226,948	1,872,350	Reserve Interest Income
								Net Debt Service
0.000%	1.402%	0.000%	17.791%	0.000%	5.293%	28.512%	100.0%	Expansion Borrowings
0	7,923	0	100,538	0	29,911	161,124	565,108	Percentage
0	8,760	0	111,168	0	33,074	178,159	624,856	Principal
0	16,683	0	211,706	0	62,985	339,283	1,189,964	Interest & Servicing
0	(207)	0	(2,624)	0	(781)	(4,206)	(14,750)	Gross Principal and Interest
0	16,477	0	209,082	0	62,204	335,077	1,175,214	Reserve Interest Income
								Net Debt Service
1.053%	0.865%	0.529%	10.973%	1.029%	3.264%	17.585%	100.0%	SW Area Borrowings
2,782	2,285	1,398	28,990	2,719	8,623	46,458	264,191	Percentage
3,078	2,528	1,546	32,074	3,008	9,541	51,401	292,300	Principal
5,860	4,814	2,944	61,064	5,726	18,164	97,859	556,491	Interest & Servicing
(73)	(60)	(37)	(757)	(71)	(225)	(1,213)	(6,900)	Gross Principal and Interest
5,787	4,754	2,907	60,307	5,655	17,939	96,646	549,591	Reserve Interest Income
								Net Debt Service
35,352	32,390	17,755	411,013	34,564	122,271	658,670	3,597,155	Subtotal Net Debt Service
35,756	32,781	17,958	415,985	34,960	123,749	666,637	3,639,825	2013B Debt Service Allocation
(332)	(125)	(167)	(1,590)	(325)	(473)	(2,548)	(21,020)	
0	(207)	0	(2,624)	0	(781)	(4,206)	(14,750)	
(73)	(60)	(37)	(757)	(71)	(225)	(1,213)	(6,900)	
								25400 2017 budget
							42,670	25400
35,352	32,390	17,755	411,013	34,564	122,271	658,670	3,597,155	Net Debt Service
								1,860,000 Principal
								1,779,825 Interest on 2013B

WASTEWATER RECLAMATION AUTHORITY

Debt Service for pre 7/1/04 Commitments

Fiscal Year 2018

SRF [2004 A =0]

Debt Issue	Warren County										Total	Debt Issue
	Clive	Des Moines	Johnston	Pleasant Hill	Polk County	USSD	UWHS	Greenfield	Norwalk	West Des Moines		
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	
SRF 06 1995												SRF 06 1995
Percentage	2.31%	71.08%	0.79%	2.15%	5.44%	6.25%	2.63%	0.53%	0.72%	8.10%	100.00%	Percentage
Principal	0	0	0	0	0	0	0	0	0	0	0	Principal
Interest	0	0	0	0	0	0	0	0	0	0	0	Interest 1.75%
Subtotal	0	0	0	0	0	0	0	0	0	0	0	Subtotal
Reserve Interest Income	0	0	0	0	0	0	0	0	0	0	0	Reserve Interest Income
Net Debt Service	0	0	0	0	0	0	0	0	0	0	0	Net Debt Service
SRF 07 1996												SRF 07 1996
Percentage	2.31%	71.08%	0.79%	2.15%	5.44%	6.25%	2.63%	0.53%	0.72%	8.10%	100.00%	Percentage
Principal	10,233	314,884	3,500	9,525	24,099	27,688	11,651	2,348	3,190	35,883	443,000	Principal
Interest	184	5,659	63	171	433	498	209	42	57	645	7,962	Interest 1.75%
Gross Principal and Interest	10,417	320,544	3,563	9,696	24,532	28,185	11,860	2,390	3,247	36,528	450,962	Gross Principal and Interest
Reserve Interest Income	(104)	(3,199)	(36)	(97)	(245)	(281)	(118)	(24)	(32)	(365)	(4,500)	Reserve Interest Income
Net Debt Service	10,313	317,345	3,527	9,599	24,288	27,904	11,742	2,366	3,215	36,163	446,462	Net Debt Service
Net Debt Service to Communities												
for Existing Debt	10,313	317,345	3,527	9,599	24,288	27,904	11,742	2,366	3,215	36,163	446,462	
												7,962
Subtotal SRF	10,417	320,544	3,563	9,696	24,532	28,185	11,860	2,390	3,247	36,528	450,962	Subtotal Debt Service SRF

**Wastewater Reclamation Authority
Budget Allocation Implementing the Two-Tier System
Fiscal Year 2018**

	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield Plaza	Johnston	Norwalk (Expansion)	Pleasant Hill	Polk City (Expansion)	Polk County	USSD (Expansion)	UWHS	Waukee (Expansion)	West Des Moines (Expansion)	Budget Totals
	Altoona	Ankeny	Bondurant	Clive	Cumming	Des Moines	Greenfield Plaza	Johnston	Norwalk	Pleasant Hill	Polk City	Polk County	USSD	UWHS	Waukee	West Des Moines	Budget
Debt Service Budget																	
Principal and Interest on Debt:																	
2013 B Refunding (2004E)	234,613	527,960	48,677	185,871	1,694	1,151,763	10,844	50,380	100,195	35,756	32,781	17,958	415,985	34,960	123,749	666,637	3,639,825
2015 E Refunding (2006)	152,161	342,411	31,570	120,546	1,100	613,519	5,775	26,835	64,981	19,049	21,263	9,568	269,787	18,620	80,257	432,353	2,209,794
2011+ SRFs (loans thru SRF program)	665,528	1,497,657	138,078	527,262	4,817	3,974,440	37,417	173,845	284,224	123,391	92,995	61,974	1,180,015	120,633	351,027	1,891,025	11,124,328
2008-2010 SRFs (loans thru SRF program)	337,973	760,501	70,129	267,749	2,426	1,275,239	12,012	55,782	144,321	39,592	19,870	19,870	599,222	38,710	178,290	960,291	4,762,107
SRFs (1995/1996)	-	-	-	10,417	-	320,544	2,390	3,563	3,247	9,696	-	-	24,532	28,185	11,860	36,528	450,962
FY ESI / Phase 27 commty contrib+ core + core projects	38,033	162,801	7,890	30,134	276	453,479	4,270	19,837	16,244	14,077	10,211	45,888	67,436	13,765	20,060	108,063	1,012,464
FY Surcharge for Polk City 08-9-10	(3,886)	(8,693)	(813)	(3,075)	(14)	(7,625)	(79)	(337)	(1,646)	(236)	46,683	(103)	(6,867)	(236)	(2,072)	(11,002)	-
Gross Debt Serv Allocation	1,424,423	3,282,638	295,530	1,138,903	10,299	7,781,358	72,629	329,905	611,566	241,324	203,933	179,689	2,553,763	238,314	751,311	4,083,895	23,199,480
Interest Earnings on Bond Reserves (2013/2015)	(3,996)	(8,991)	(829)	(3,165)	(29)	(17,830)	(168)	(780)	(1,706)	(554)	(558)	(278)	(7,084)	(541)	(2,107)	(11,353)	(59,970)
Interest Earnings on SRF Reserves (pre 2004)				(104)		(3,199)	(24)	(36)	(32)	(97)			(245)	(281)	(118)	(365)	(4,500)
Interest Earnings on Sinking Fund	(954)	(2,197)	(198)	(762)	(7)	(5,209)	(49)	(221)	(409)	(162)	(137)	(120)	(1,710)	(160)	(503)	(2,734)	(15,530)
<i>subtotal E</i>																	
Net Debt Serv Allocation	1,419,474	3,271,449	294,504	1,134,872	10,263	7,755,121	72,389	328,869	609,418	240,512	203,238	179,046	2,544,688	237,494	748,700	4,069,444	23,119,480