

WRA Bond Info & Debt Service Budget
FY 2011

Series name/purpose	Issue Amount	Budgeted Loan Amount	Balance 6/30/09	Anticipated Balance 6/30/10	Anticipated Balance 4/30/11	Budgeted Debt Service needed FY 2010-2011
2004 A / refunding SRF loans 4,6,7	\$ 26,850,000	\$ 26,850,000	\$ 9,665,000	\$ 5,965,000	\$ 5,965,000	\$ 3,528,250
			9,692,000	8,557,000	8,557,000	1,440,828
						<u>4,969,078</u>
<u>Core borrowings</u>						
2004 B	33,310,000	33,310,000	31,515,000	30,880,000	30,880,000	2,157,225
2006 .	9,926,000	9,926,000	9,738,000	9,541,000	9,541,000	656,460
						<u>2,813,685</u>
<u>Expansion borrowings</u>						
2004 B	22,837,000	22,837,000	21,846,000	21,495,000	21,495,000	1,412,338
2006 .	11,866,000	11,866,000	11,641,000	11,406,000	11,406,000	785,295
						<u>2,197,633</u>
<u>SWAreaDiv borrowings</u>						
2004 B	10,683,000	10,683,000	10,219,000	10,055,000	10,055,000	660,800
2006 .	16,258,000	16,258,000	15,946,000	15,628,000	15,628,000	1,080,395
						<u>1,741,195</u>
			<u>120,262,000</u>	Subtotal Balance and Debt Service for above loans		<u>11,721,591</u>
<u>Core SRF draws</u>						
CSSSF		\$ 65,000,000	0	5,747,100	29,647,100	
Main outfall		5,000,000	0	500,000	5,000,000	
Digester Improv		25,000,000	0	3,549,250	15,800,000	
WS PS Mitigation		1,516,000	0	50,000	1,200,000	
Main outfall		25,000,000	0		7,500,000	
						<u>1,212,000</u>
<u>Expansion SRF draws</u>						
Middle Creek & WDM 13 4	6,575,000	5,975,000	5,116,148	5,975,400	5,975,400	
WDM Ext 18 5	2,650,000	2,350,000	2,315,929	2,348,200	2,348,200	
WDM 13 7 & 5	8,400,000	8,400,000	5,102,418	8,399,000	8,399,000	
Four Mile 23 1	9,200,000	9,200,000	0	9,199,000	9,199,000	
Four Mile 23 2/3		7,000,000	0	2,500,000	6,500,000	
Four Mile 24 3/4		9,750,000	0	100,000	9,500,000	
So Tier Improvements		4,546,000	0		4,200,000	
Four Mile 23 4/5		9,000,000	0		7,600,000	
Mud Creek		16,566,000	0		165,660	
						<u>1,866,500</u>
<u>SWAreaDiv SRF draws</u>						
North River & Pump Stn	16,520,000	16,520,000	16,420,922	16,518,000	16,518,000	
SWAreaDiv 21 seg 1		8,500,000	0	1,000,000	8,000,000	
SWAreaDiv 21 seg 3		9,650,000	0	100,000	7,500,000	
SWAreaDiv 21 seg 6		9,000,000	0		4,500,000	
SWAreaDiv 21 seg 5		14,000,000	0		2,500,000	
SWAreaDiv 21 seg 4		14,000,000	0		2,500,000	
						<u>1,372,900</u>
			<u>28,955,417</u>	Subtotal SRF Balance and Debt Service for SRF loans		<u>4,451,400</u>
				<u>Grand Total</u>		\$ 16,172,991

WASTEWATER RECLAMATION AUTHORITY

Debt Service Summary

SRF Interest includes fees

Fiscal Year 2011

Budget	2011
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	<u>Princial Balance</u> 2009	<u>Principal</u>	<u>Interest</u>
New SRF Bond Issues			
2010C			211,000
2011A			
Core Subtotal	0	0	211,000
2008B	5,116,148	145,000	200,000
2008D	2,315,929	1,000	0
2009B	5,102,418	179,000	272,968
2009C		196,000	298,966
2010B		1,000	150,000
Expansion Subtotal	12,534,495	522,000	921,934
2008A	16,420,922	365,000	536,868
2010A		1,000	200,000
SW Subtotal	16,420,922	366,000	736,868
Future Core Issues	3,922,240	1,000	1,000,000
Future Expan Issues	89,541	(21,000)	443,566
Future SW Issues		0	270,032
Future Subtotal	4,011,781	(20,000)	1,713,598
(New) SRF Bond Issue Total	32,967,198	868,000	3,583,400
2004B Bond Issue			
Core 2004	63,580,000	655,000	1,502,225
Expan 2004		361,000	1,051,338
SW 2004		169,000	491,800
2004B Subtotal	63,580,000	1,185,000	3,045,363
2006 Bond Issue			
Core 2006	37,325,000	202,000	454,460
Expan 2006		242,000	543,295
SW 2006		336,000	744,395
2006 Subtotal	37,325,000	780,000	1,742,150
Bond Issue Total for Projects	133,872,198	2,833,000	8,370,913
2004A Bond Issue			
Prior to 2004 refunding	9,665,000	3,230,000	298,250
(Old) SRF Bond Issues			
Prior to 2004 srf Ttl	9,692,000	1,126,000	314,828
(Prior) Bond Issue Total	19,357,000	4,356,000	613,078
		Budget Debt Service	16,172,991

WASTEWATER RECLAMATION AUTHORITY

Debt Service for New Money / 2008 SRF Borrowings & Future SRF Draws

Fiscal Year 2011

	Debt Servicing															Total \$	
	Polk City Surcharge	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield Plaza	Johnston	Norwalk (Expansion)	Pleasant Hill	Polk County	USSD (Expansion)	UWHS	Waukee (Expansion)		West Des Moines (Expansion)
2008+ / New Core SRF																	
Percentage	0.579%	3.497%	7.858%	0.697%	3.110%	0.010%	56.094%	0.350%	1.824%	1.652%	1.786%	0.394%	6.940%	1.796%	1.745%	11.668%	100.0%
Principal	6	35	79	7	31	0	561	4	18	17	18	4	69	18	17	117	1,000
Interest	7,012	42,349	95,160	8,441	37,662	121	679,298	4,239	22,089	20,006	21,628	4,771	84,043	21,750	21,132	141,299	1,211,000
Gross Principal and Interest Estimate	7,017	42,384	95,239	8,448	37,693	121	679,859	4,242	22,107	20,022	21,646	4,775	84,113	21,768	21,149	141,416	1,212,000
Net Debt Service	7,017	42,384	95,239	8,448	37,693	121	679,859	4,242	22,107	20,022	21,646	4,775	84,113	21,768	21,149	141,416	1,212,000
2008+ / New Expansion SRF																	
Percentage	1.533%	9.261%	20.813%	1.846%	8.238%	0.025%	0.000%	0.000%	0.000%	4.375%	0.000%	0.000%	18.383%	0.000%	4.622%	30.904%	100.0%
Principal	7,680	46,398	104,273	9,248	41,272	125	0	0	0	21,919	0	0	92,099	0	23,156	154,829	501,000
Interest	20,933	126,459	284,202	25,207	112,490	341	0	0	0	59,741	0	0	251,020	0	63,113	421,994	1,365,500
Gross Principal and Interest Estimate	28,613	172,857	388,475	34,456	153,762	467	0	0	0	81,659	0	0	343,119	0	86,270	576,823	1,866,500
Net Debt Service	28,613	172,857	388,475	34,456	153,762	467	0	0	0	81,659	0	0	343,119	0	86,270	576,823	1,866,500
2008+ / New SW Area SRF																	
Percentage	0.897%	5.418%	12.176%	1.080%	2.074%	0.015%	37.397%	0.233%	1.216%	2.559%	1.190%	0.262%	10.755%	3.944%	2.704%	18.080%	100.0%
Principal	3,283	19,830	44,564	3,953	7,591	55	136,873	853	4,451	9,366	4,355	959	39,363	14,435	9,897	66,173	366,000
Interest	9,032	54,554	122,600	10,875	20,883	151	376,550	2,346	12,244	25,767	11,982	2,638	108,292	39,712	27,227	182,048	1,006,900
Gross Principal and Interest Estimate	12,315	74,384	167,164	14,827	28,474	206	513,423	3,199	16,694	35,133	16,338	3,597	147,655	54,147	37,123	248,220	1,372,900
Net Debt Service	12,315	74,384	167,164	14,827	28,474	206	513,423	3,199	16,694	35,133	16,338	3,597	147,655	54,147	37,123	248,220	1,372,900
Debt Service for SRF's	47,946	289,624	650,878	57,731	219,929	794	1,193,283	7,441	38,801	136,814	37,984	8,372	574,887	75,915	144,542	966,460	4,451,400
Budget Adjustments (none)																	

WASTEWATER RECLAMATION AUTHORITY
Debt Service and Surcharges for New Money / 2006 Issue
Fiscal Year 2011

	Debt Servicing																Total \$
	P City Surcharge	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Cumming (Expansion)	Des Moines	Greenfield Plaza	Johnston	Norwalk (Expansion)	Pleasant Hill	Polk County	USSD (Expansion)	UWHSD	Waukee (Expansion)	West Des Moines (Expansion)	
2006 / New Core Money																	
Percentage	0.579%	3.497%	7.858%	0.697%	3.110%	0.010%	56.094%	0.350%	1.824%	1.652%	1.786%	0.394%	6.940%	1.796%	1.745%	11.668%	100.0%
Principal	1,170	7,064	15,873	1,408	6,282	20	113,310	707	3,684	3,337	3,608	796	14,019	3,628	3,525	23,569	202,000
Interest	2,631	15,892	35,711	3,168	14,134	45	254,925	1,591	8,289	7,508	8,117	1,791	31,540	8,162	7,930	53,026	454,460
Gross Principal and Interest	3,801	22,956	51,585	4,576	20,416	66	368,235	2,298	11,974	10,845	11,724	2,586	45,558	11,790	11,455	76,596	656,460
Reserve Interest Income	(19)	(112)	(251)	(22)	(100)	(0)	(1,795)	(11)	(58)	(53)	(57)	(13)	(222)	(57)	(56)	(373)	(3,200)
Net Debt Service	3,782	22,845	51,333	4,553	20,316	65	366,440	2,286	11,915	10,792	11,667	2,574	45,336	11,733	11,399	76,222	653,260
2006 / New Expansion Money																	
Percentage	1.533%	9.261%	20.813%	1.846%	8.238%	0.025%	0.000%	0.000%	0.000%	4.375%	0.000%	0.000%	18.383%	0.000%	4.622%	30.904%	100.0%
Principal	3,710	22,412	50,367	4,467	19,936	61	0	0	0	10,588	0	0	44,487	0	11,185	74,788	242,000
Interest	8,329	50,315	113,076	10,029	44,757	136	0	0	0	23,769	0	0	99,874	0	25,111	167,900	543,295
Gross Principal and Interest	12,039	72,727	163,443	14,497	64,693	196	0	0	0	34,357	0	0	144,361	0	36,296	242,688	785,295
Reserve Interest Income	(21)	(130)	(291)	(26)	(115)	(0)	0	0	0	(61)	0	0	(257)	0	(65)	(433)	(1,400)
Net Debt Service	12,017	72,597	163,152	14,471	64,577	196	0	0	0	34,295	0	0	144,103	0	36,232	242,255	783,895
2006 / New SW Area Money																	
Percentage	0.897%	5.418%	12.176%	1.080%	2.074%	0.015%	37.397%	0.233%	1.216%	2.559%	1.190%	0.262%	10.755%	3.944%	2.704%	18.080%	100.0%
Principal	3,014	18,204	40,911	3,629	6,969	50	125,654	783	4,086	8,598	3,998	880	36,137	13,252	9,085	60,749	336,000
Interest	6,677	40,331	90,638	8,039	15,439	112	278,381	1,734	9,052	19,049	8,858	1,950	80,060	29,359	20,128	134,587	744,395
Gross Principal and Interest	9,691	58,536	131,549	11,668	22,407	162	404,035	2,517	13,138	27,647	12,857	2,831	116,196	42,611	29,214	195,335	1,080,395
Reserve Interest Income	(48)	(287)	(645)	(57)	(110)	(1)	(1,982)	(12)	(64)	(136)	(63)	(14)	(570)	(209)	(143)	(958)	(5,300)
Net Debt Service	9,644	58,249	130,904	11,611	22,297	161	402,053	2,505	13,073	27,512	12,794	2,817	115,626	42,402	29,071	194,377	1,075,095
Subtotal Net Debt Serv or Surchg	25,443	153,690	345,389	30,635	107,191	423	768,493	4,791	24,989	72,599	24,461	5,391	305,066	54,134	76,702	512,854	2,512,250
Subtotal 2006 Issue	25,531	154,218	346,577	30,740	107,516	424	772,270	4,815	25,111	72,849	24,581	5,417	306,116	54,401	76,965	514,619	2,522,150
Reserve Interest Earnings																	
Core	(19)	(112)	(251)	(22)	(100)	(0)	(1,795)	(11)	(58)	(53)	(57)	(13)	(222)	(57)	(56)	(373)	(3,200)
Expansion	(21)	(130)	(291)	(26)	(115)	(0)	0	0	0	(61)	0	0	(257)	0	(65)	(433)	(1,400)
SW	(48)	(287)	(645)	(57)	(110)	(1)	(1,982)	(12)	(64)	(136)	(63)	(14)	(570)	(209)	(143)	(958)	(5,300)
Net Debt Service or Surcharge	25,443	153,690	345,389	30,635	107,191	423	768,493	4,791	24,989	72,599	24,461	5,391	305,066	54,134	76,702	512,854	2,512,250

WASTEWATER RECLAMATION AUTHORITY
 Debt Service and Surcharges for New Money / 2004 Issue
 Fiscal Year 2011

	Debt Servicing															Total \$	
	Cumming Surcharge	Waukeg Surcharge	Polk City Surcharge	Altoona (Expansion)	Ankeny (Expansion)	Bondurant (Expansion)	Clive (Expansion)	Des Moines	Greenfield Plaza	Johnston	Norwalk (Expansion)	Pleasant Hill	Polk County	USSD (Expansion)	UWHSD		West Des Moines (Expansion)
2004 B / New Core Money																	
Percentage	0.010%	1.745%	0.579%	3.497%	7.858%	0.697%	3.110%	56.094%	0.350%	1.824%	1.652%	1.786%	0.394%	6.940%	1.796%	11.668%	100.0%
Principal	66	11,430	3,792	22,905	51,470	4,565	20,371	367,416	2,293	11,947	10,821	11,698	2,581	45,457	11,764	76,425	655,000
Interest	150	26,214	8,698	52,533	118,045	10,471	46,719	842,658	5,258	27,401	24,817	26,830	5,919	104,254	26,980	175,280	1,502,225
Gross Principal and Interest	216	37,644	12,490	75,438	169,515	15,036	67,090	1,210,074	7,550	39,348	35,637	38,528	8,499	149,711	38,744	251,705	2,157,225
Reserve Interest Income	(1)	(215)	(71)	(430)	(967)	(86)	(383)	(6,900)	(43)	(224)	(203)	(220)	(48)	(854)	(221)	(1,435)	(12,300)
Net Debt Service	214	37,429	12,419	75,008	168,548	14,950	66,707	1,203,174	7,507	39,123	35,434	38,308	8,451	148,858	38,523	250,270	2,144,925
2004 B / New Expansion Money																	
Percentage	0.025%	4.622%	1.533%	9.261%	20.813%	1.846%	8.238%	0.000%	0.000%	0.000%	4.375%	0.000%	0.000%	18.383%	0.000%	30.904%	100.0%
Principal	90	16,685	5,534	33,432	75,135	6,664	29,739	0	0	0	15,794	0	0	66,363	0	111,563	361,000
Interest	263	48,593	16,117	97,364	218,815	19,408	86,609	0	0	0	45,996	0	0	193,267	0	324,905	1,051,338
Gross Principal and Interest	353	65,278	21,651	130,797	293,950	26,072	116,348	0	0	0	61,790	0	0	259,630	0	436,469	1,412,338
Reserve Interest Income	(2)	(388)	(129)	(778)	(1,748)	(155)	(692)	0	0	0	(368)	0	0	(1,544)	0	(2,596)	(8,400)
Net Debt Service	351	64,890	21,522	130,019	292,202	25,917	115,656	0	0	0	61,422	0	0	258,086	0	433,873	1,403,938
2004 B / New SW Area Money																	
Percentage	0.015%	2.704%	0.897%	5.418%	12.176%	1.080%	2.074%	37.397%	0.233%	1.216%	2.559%	1.190%	0.262%	10.755%	3.944%	18.080%	100.0%
Principal	25	4,570	1,516	9,156	20,577	1,825	3,505	63,201	394	2,055	4,325	2,011	443	18,176	6,665	30,555	169,000
Interest	74	13,298	4,411	26,646	59,882	5,311	10,200	183,918	1,146	5,980	12,585	5,852	1,289	52,893	19,397	88,917	491,800
Gross Principal and Interest	99	17,868	5,927	35,802	80,459	7,137	13,705	247,119	1,540	8,035	16,910	7,864	1,731	71,069	26,062	119,473	660,800
Reserve Interest Income	(1)	(108)	(36)	(217)	(487)	(43)	(83)	(1,496)	(9)	(49)	(102)	(48)	(10)	(430)	(158)	(723)	(4,000)
Net Debt Service	99	17,760	5,891	35,585	79,972	7,093	13,622	245,623	1,530	7,987	16,808	7,816	1,721	70,639	25,904	118,749	656,800
Subtotal Net Debt Serv or Surchg	664	120,079	39,833	240,612	540,722	47,960	195,986	1,448,798	9,038	47,110	113,664	46,124	10,172	477,583	64,427	802,892	4,205,663
Subtotal 2004 B Issue	668	120,790	40,069	242,037	543,924	48,244	197,143	1,457,193	9,090	47,383	114,337	46,392	10,231	480,411	64,806	807,647	4,230,363
Reserve Interest Earnings																	
Core	(1)	(215)	(71)	(430)	(967)	(86)	(383)	(6,900)	(43)	(224)	(203)	(220)	(48)	(854)	(221)	(1,435)	(12,300)
Expansion	(2)	(388)	(129)	(778)	(1,748)	(155)	(692)	0	0	0	(368)	0	0	(1,544)	0	(2,596)	(8,400)
SW	(1)	(108)	(36)	(217)	(487)	(43)	(83)	(1,496)	(9)	(49)	(102)	(48)	(10)	(430)	(158)	(723)	(4,000)
Net Debt Service or Surcharge	664	120,079	39,833	240,612	540,722	47,960	195,986	1,448,798	9,038	47,110	113,664	46,124	10,172	477,583	64,427	802,892	4,205,663

WASTEWATER RECLAMATION AUTHORITY

Debt Service for pre 7/1/04 Commitments
Fiscal Year 2011

Debt Issue	Clive	Des Moines	Johnston	Pleasant Hill	Polk County	USSD	UWHS	Warren County		West Des Moines	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
2004A (refunding)											
Percentage	0.48%	81.31%	1.40%	2.30%	8.22%	1.79%	1.01%	0.80%	1.08%	1.61%	100.00%
Principal	15,859	2,620,781	44,935	73,862	267,821	58,420	33,248	26,446	35,781	52,847	3,230,000
Interest	1,210	247,975	4,405	7,113	22,061	4,664	2,462	1,829	2,473	4,058	298,250
Gross Principal and Interest	17,069	2,868,756	49,340	80,975	289,882	63,084	35,710	28,275	38,254	56,905	3,528,250
Reserve Interest Income	(63)	(10,570)	(182)	(298)	(1,068)	(232)	(132)	(104)	(141)	(210)	(13,000)
Net Debt Service	17,006	2,858,186	49,158	80,677	288,814	62,852	35,578	28,171	38,113	56,695	3,515,250
SRF 04 1995											
Percentage	10.15%	20.57%	0.00%	0.00%	0.00%	20.65%	11.63%	0.00%	0.00%	37.00%	100.00%
Principal	18,372	37,232	0	0	0	37,377	21,050	0	0	66,970	181,000
Interest	3,630	7,356	0	0	0	7,384	4,159	0	0	13,231	35,760
Fees	302	613	0	0	0	615	347	0	0	1,103	2,980
Gross Principal and Interest	22,304	45,201	0	0	0	45,376	25,556	0	0	81,304	219,740
Reserve Interest Income	(254)	(514)	0	0	0	(516)	(291)	0	0	(925)	(2,500)
Net Debt Service	22,050	44,686	0	0	0	44,860	25,265	0	0	80,379	217,240
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%
Principal	14,669	451,358	5,017	13,653	34,544	39,688	16,701	3,366	4,572	51,435	635,000
Interest	3,534	108,731	1,208	3,289	8,322	9,561	4,023	811	1,101	12,391	152,970
Fees	294	9,061	101	274	693	797	335	68	92	1,033	12,748
Gross Principal and Interest	18,497	569,150	6,326	17,215	43,559	50,045	21,059	4,244	5,765	64,858	800,718
Reserve Interest Income	(35)	(1,066)	(12)	(32)	(82)	(94)	(39)	(8)	(11)	(122)	(1,500)
Net Debt Service	18,462	568,084	6,314	17,183	43,477	49,951	21,019	4,236	5,754	64,737	799,218
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%
Principal	7,161	220,348	2,449	6,665	16,864	19,375	8,153	1,643	2,232	25,110	310,000
Interest	2,353	72,416	805	2,190	5,542	6,368	2,679	540	734	8,252	101,880
Fees	196	6,035	67	183	462	531	223	45	61	688	8,490
Gross Principal and Interest	9,711	298,799	3,321	9,038	22,868	26,273	11,056	2,228	3,027	34,050	420,370
Reserve Interest Income	(69)	(2,132)	(24)	(65)	(163)	(188)	(79)	(16)	(22)	(243)	(3,000)
Net Debt Service	9,641	296,667	3,297	8,973	22,705	26,086	10,977	2,212	3,005	33,807	417,370
Adjustment											
Redistribution of payment from:											
1) Greenfield Plaza	(479)	(14,554)		(406)		(1,154)	(970)	19,156		(1,593)	0
	(479)	(14,554)	0	(406)	0	(1,154)	(970)	19,156	0	(1,593)	0
Net Debt Service to Communities											
for Existing Debt	66,680	3,753,069	58,769	106,427	354,996	182,594	91,870	53,775	46,872	234,025	4,949,078
Subtotal 2004 A	17,069	2,868,756	49,340	80,975	289,882	63,084	35,710	28,275	38,254	56,905	3,528,250
Subtotal SRF	50,511	913,150	9,647	26,253	66,427	121,694	57,670	6,472	8,792	180,212	1,440,828